

V International Congress of AEPROMO

VI International Congress of IMEOF



1th -3th June, 2017.

School of Medicine. Complutense University, Moncloa Campus, Madrid, Spain.

Abstract Book

V International Congress of AEPROMO. VI International Congress of IMEOF
“Better Ozone Therapy with Training, Investigation and Publication”
Spanish Association of Medical Professionals in Ozone Therapy

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Editorial and Production Staff: Scientific Committee 2017.

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Evento de carácter científico reconocido de “Interés Sanitario”

por la Consejería de Sanidad de la Comunidad de Madrid.

Por séptima vez en la historia de la ozonoterapia en España un evento de ozonoterapia ha sido declarado de “interés Sanitario”. Los siete han sido organizados por AEPROMO.

***Event of Scientific Nature declared of “Health Interest” by the State of Madrid
Regional Ministry of Health.***

For the seventh time in the history of the ozone therapy in Spain, an ozone therapy event is declared of “Health Interest” by the competent authorities. The seven have been organized by AEPROMO.

Scientific Committee

President:

Dra. Adriana Schwartz Tapia, M.D., Spain

Members:

Dr. Gregorio Martínez-Sánchez, Ph.D, Cuba

Dr. Esteban González Sánchez Spain

Organizing committee

Presidents:

Dra. Adriana Schwartz Tapia, M.D., Spain

Members:

D. Roberto Quintero Mariño, Spain

Dña. Olga Moreno, Spain

Ms. Clara Barrachina, Spain

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International Medical Ozone Federation
(IMEOF)



Spanish Journal of Ozone Therapy



Complutense University, Madrid



The International Scientific Committee of
Ozone Therapy



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Preface

The objectives of the V International Congress of AEPROMO & VI of IMEOF “Better Ozone Therapy with Training, Investigation and Publication” are:

- **To insist** in the on solid scientific training, on scientific basis, with appropriate pedagogical methods, experienced teachers and scientific auspices of accredited institutions. This will impact to keep a high update level, exchange and collaboration among all professionals, laboratories and medical and academic institutions, which work on themes of research, development and clinical applications related to ozone therapy.
- **To promote** the development of basic research and implementation of clinical trials on ozone therapy, with results that may lead to harmonize existing therapeutic procedures on the basis of efficacy / risk balance.
- **To reiterate** the introduction of good clinical practice.
- **To encourage** the publication of the results to disseminate the main findings in the field of pharmacological, preclinical and clinical, technological, and legal pharmacological research, and good clinical practice in the application of ozone therapy

In this Special Supplement of the Spanish Journal of Ozone Therapy the reader will find abstracts of all presentations and posters of the congress, the CV of all the speakers, members of the Scientific and Organizing Committees, and the names and addresses of the sponsors of international congress.

The congress is already underway. It is up to the speakers to explain their researches and share their clinical experiences. It is up to the participants to absorb the knowledge and to ask every subject, which has not been enough clarified and the current doubts. Let everyone make the most of the time to exchange experiences, to establish new contacts, to expand professional horizons and dive deep into one of the most beneficial therapies for patients discovered so far.

As organizers we hand over the baton and from now on the protagonists of the congress will be the speakers and participants!

Madrid, June, 2017.

Welcome all!

Organizing Committee.

Prefacio

Los objetivos del V Congreso Internacional de AEPROMO y VI de IMEOF. *“Mejor ozonoterapia con formación, investigación y publicaciones”* son:

Insistir en la formación científica sólida, sobre bases científicas, con métodos pedagógicos adecuados, profesores experimentados y auspicio científico de instituciones acreditadas. Lo anterior incidirá en mantener un elevado nivel de actualización, intercambio y colaboración entre todos los profesionales, laboratorios e instituciones médicas y académicas, que trabajan temáticas de investigación, desarrollo y aplicaciones clínicas relacionadas con la ozonoterapia.

Propiciar el desarrollo de investigaciones básicas y ejecución de ensayos clínicos sobre ozonoterapia, con resultados que conduzcan a armonizar los procedimientos terapéuticos actuales sobre la base del equilibrio eficacia / riesgo.

Reiterar en la introducción de las buenas prácticas clínicas.

Estimular la publicación de los resultados para divulgar los principales hallazgos en el campo de la investigación farmacológica, toxicológica preclínica y clínica, tecnológica, y legal y sobre buenas prácticas clínicas en la aplicación de la ozonoterapia.

En este Suplemento Especial de la Revista Española de Ozonoterapia el lector encontrará los sumarios de todas las ponencias y posters del congreso, el CV de todos los ponentes, los integrantes de los Comités Científico y Organizador, así como los nombres y direcciones de los patrocinadores del evento.

El congreso ya está en marcha. Corresponde ahora a los ponentes explicar sus investigaciones y compartir sus experiencias clínicas. A los participantes les toca asimilar lo transmitido y preguntar lo no suficientemente aclarado y las dudas existentes. Que todos aprovechen al máximo el tiempo para intercambiar experiencias, para establecer nuevos contactos, para ampliar horizontes profesionales y para sumergirse en profundidad en una de las terapias más beneficiosas para los pacientes.

¡Los organizadores cedemos el testigo y ahora los protagonistas del congreso serán los ponentes y los participantes!

Madrid, junio de 2017.

¡Sean todos bienvenidos!

El comité organizador.

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Conference Agenda Pre-congress workshop

Jueves, 1 de Junio 2017	Curso: " ACTUALIZACIÓN EN APLICACIONES DE LA OZONOTERAPIA " Clínica Garcilaso y Hermandades del Trabajo – Centro de Madrid, Madrid, (España). Idioma: Castellano
08:00-8:30	Registro / Registration. Hermandades del Trabajo - Centro de Madrid. Calle Raimundo Lulio 3, 28010, Madrid

ACTUALIZACIÓN EN APLICACIONES DE LA OZONOTERAPIA

08:30-8:35	Presentación del curso y profesores / Presentation of the course and professors.
08:35-9:30	Dr. Gregorio Martínez Sánchez (Italia - Italy) Actualización Ozono en el manejo paliativo del cáncer Dr. Ciencias Farmacéuticas. Investigador Titular y Director Científico, Medical Center Beauty Benefit srl. Ancona. Miembro de AEPROMO. Presidente del Comité Internacional Científico de Ozonoterapia (ISCO3). Miembro Consejo Redacción, Comités Editorial y Evaluador, Revista Española de Ozonoterapia.
09:30-10:30	Dra. Adriana Schwartz. Solución Salina Ozonizada. Actualización
10:00 - 10:30	Pausa Café / Coffee break
10:30 - 11:00	Dr. Esteban González. (SPA). Ozono en Esclerosis Múltiple MD. Medicina Interna. Director de Clínica Internacional, Las Palmas. Miembro de AEPROMO. Miembro Consejo Redacción y Comité Evaluador, Revista Española de Ozonoterapia.
11:00 - 11:30	Dr. Miguel Montoya. Experiencia mexicana en técnicas combinadas de infiltración intradiscal. Anestesiólogo
11:30 - 12:00	Dr. German Medina. Ozono en Medicina del deporte. Experiencia Juegos Olímpicos 2016. Traumatólogo. Experto ISCO3. Cirugía de la Columna Vertebral. Lesiones del Deporte. Prof. Titular, Universidad Central de Venezuela. Magister Scientiarum en Salud Pública. Director Médico, selecciones olímpicas de Venezuela. 35 artículos publicados. 4 Premios científicos nacionales.
12:00 - 12:30	Dr. Victor Pereyra. Discosis vs Cirugía de columna. Neurocirujano Cirugía de Columna. Unidad de Ozonoterapia, Fundación Matera, Hospital Ramón Santa Marina, Tandil, Argentina. Experto ISCO3.
12:30 - 13:00	Dra. Adriana S. Concentrados de Factores de Crecimiento Ozonizados (CGF), CD34+. Infiltración en columna y articulaciones varias. Ginecólogo y esp. en Medicina del dolor. Directora Clínica Fiorela Madrid. Presidenta Aepromo. 4 Premios científicos internacionales.
13:30 - 14:00	Preguntas y Respuestas
14:00 - 15:30	Pausa Almuerzo/ Lunch. A cargo de cada participante. Pueden comer a precio módico en el restaurante: Restaurante Tahona de Alburquerque. Calle Alburquerque, 35, 28010 Madrid. Inicio de prácticas sobre simuladores. Clínica Garcilaso. Calle Garcilaso 7 (esquina calle Luchana 23), 28010, Madrid
15:30 - 16:30	Dra. Adriana Schwartz / Dr. Esteban González. Demo Solución Salina Ozonizada. (Presentación de un nuevo sistema) AHTMayor, menor, vaginal, ótica.
16:30 - 18:30	Dra. Adriana Schwartz / Dr. Antonio Escamilla. Demo obtención Concentrados de Factores Crecimiento Ozonizados y células CD34+ Infiltraciones articulares. Dr. Antonio Escamilla, Médico. Medicina Familiar y Comunitaria. Medicina Estética. Director, Clínica Estética Dr. Escamilla, Málaga. Miembro Junta Directiva Aepromo.
18.30	Fin del curso. Foto de grupo y entrega de certificados / End of course. Group photo and delivery of certificates.

Note:

If nothing else is specified, all events take place at Clínica Garcilaso y Hermandades del Trabajo – Centro de Madrid, Madrid, (España).

Language: Pre-congress course is available only in Spanish.

ROTACIONES PRÁCTICAS: 20 ALUMNOS X GRUPO

Primera rotación: 15:30-16:30 Demo de factores de Crecimiento en dos grupos.

2ª Rotación: 16:30 – 17:30 AHTMayor y menor, bolsa, ótica/ SSO3, Vaginal, campanas. // 17:30-18:30 SSO3 AHTMayor y menor, bolsa, ótica/ SSO3, Vaginal, campanas y gorro.

Conference Agenda - Agenda Congreso (English/Español)

Bilingual version/ Version bilingue

Facultad de Medicina, Universidad Complutense, Madrid

2-3 junio 2016 / June 2th - 3th, 2017. Sala Botella

Viernes 2 de junio - Friday June 2th, 2017

8:00 – 8:30 Registro - Registration

8:30 – 9:00 **Grupo Vocal de Cámara: Gradualia/Chamber Vocal Group Performance**

9:00 a 9:30 Inauguración - Welcome Ceremony/ Dr. Adriana Schwartz Tapia opening speech

Presidente / Chairman: [Dr. Adriana Schwartz Tapia \(SPA\)](#).

Moderadores / Moderator: [Dr. Oksana Bitkina \(RUS\)](#); [Dr. Irma Spinola \(MEX\)](#)

9:30 -9:50 [Dr. Vladimir Knyazev Nikolaevich \(RUS\)](#)

1 RF Military Clinical Hospital, polyclinic No.4 (Vodniki), Dolgoprudny, Russia

Ponencia: Ozonoterapia urgente en forma de bloqueos regionales en las etapas de intervención quirúrgica temprana. Aspectos de la patogenia.

Lecture: [Emergency Ozone Therapy Delivered as Regional Blocks at the Early Surgery Stage. Aspects of Pathogenesis](#)

9:50-10:10 [Dr. Gennady O. Grechkanov \(RUS\)](#)

2 MD. Ginecólogo. Profesor del Instituto de Obstetricia y Ginecología, Academia Estatal de Medicina de Nizhny Novgorod. Miembro, ISCO3. Premio por el desarrollo de la ozonoterapia, Kalichev, Polonia. 248 publicaciones en obstetricia y ginecología.

MD. PhD. Gynecologist. Professor, Institute of Obstetrics and Gynecology, Nizhny Novgorod State Medical Academy. ISCO3 member. Prize Development of Ozone Therapy. Kalichev, Poland. 248 papers in obstetrics and gynecology.

Ponencia: Tratamiento combinado de la endometritis crónica no específica con ozono y bacteriofagos

Lecture: [The combined treatment of chronic nonspecific endometritis with ozone and bacteriophage therapy](#)

10:10-10:30 [Dr. Sergey Petrovich Peretyagin. \(RUS\)](#)

3 Instituto de Investigación de Traumatología y Ortopedia de la Academia Estatal de Medicina de Nizhny Novgorod, Rusia. Miembro, ISCO3. Presidente de la Asociación Rusa de Ozonoterapia.

Nizhny Novgorod Research Institute of Traumatology and Orthopedics, Nizhny Novgorod State Medical Academy, ISCO3 member. President, Russian Association of Ozone Therapy.

Ponencia: El estado de los parámetros funcionales y metabólicos del organismo bajo el uso crónico del ozono experimental.

Lecture: [The state of functional and metabolic parameters of organism under the chronic use of ozone in experiment](#)

10:30-10:40 **Preguntas-respuestas. Questions-answers.**

10:40-11:40 Descanso café y visitas exposición comercial. *Coffee brake and visit to commercial exposition.*

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- Presidente / Chairman: Dr. Gregorio Martínez (CUB)**
Moderadores / Moderator: Dr. Fadi Sabbah (LBN); Dr. Julian Charles Holmes (ZAF)
- 11:40-12:00 **Dr. Michael Gossweiler. (USA)**
 4 EUA. Odontólogo. Certificación Periodontal. Doctorado en Medicina Naturopática. Profesor Adjunto Escuela de Odontología, Universidad de Indiana. Siete publicaciones.
USA. Dentist. Periodontal Certification. Doctorate of Naturopathic Medicine. Adjunct Assistant Professor Indiana University School of Dentistry. Seven published papers.
Ponencia: Un nuevo enfoque combinado para el procedimiento de aumento de cresta en un alvéolo severamente infectado antes del tratamiento restaurador con soporte de implante: Un informe de caso.
Presentation: A Novel Combination Approach to Ridge Augmentation Procedure in a Severely Infected Alveolus Prior to Implant Supported Restorative Treatment: A Case Report.
- 12:00 -12:20 **Dr. Julian Charles Holmes (ZAF)**
 5 Odontólogo. Ozono en Salud y Estética. Chelsea Aesthetic Clinic, Wynberg, Ciudad del Cabo, Sudáfrica. Junior Research Premio KaVo. Más de 70 artículos
UK. BDS (Bachelor of Dental Surgery). Ozone in Healthcare and Aesthetics. Chelsea Aesthetic Clinic, Wynberg, Cape Town, South Africa. Junior Research KaVo Prize. Over 70 papers
Ponencia: Resultados del uso combinado de ozono y PRP con un sistema novedoso
Lecture: Results of the Combined Use of Ozone and PRP with a Novel System
- 12:20 – 12:40 **Dra. Mirna Idalia Pérez Sánchez (MEX)**
 6 Odontóloga. Fundadora y vicepresidenta de ALADO3 (Asociación Latinoamericana de Dentistas Ozonoterapeutas).
Dentist. Founder and vice president of ALADO3 (Latin American Association of Dentists Ozone therapists)
Ponencia: Restableciendo el equilibrio en cavidad oral
Lecture: Restoring balance in oral cavity
- 12:40 – 13:00 **Dr. Fadi Sabbah. (LBN)**
 7 Odontólogo. Vicepresidente, ISCO3. Dos publicaciones.
Dentist. ISCO3 Vice President. two publications.
Ponencia: Colaboración de médicos y dentistas en ozonoterapias oral-sistémicas.
Lecture: Medical doctors and Dentists collaboration in oral-systemic ozone therapies
- 13:00 – 13:20 **Dra. Nory Bazzano Mastelli. (ARG)**
 8 Odontóloga. Citodiagnóstico, Ortodoncia. Desarrollo aparato logia GO3system. Publicaciones en Magazine Mundo Dental (Chile); Revista de la Confederación de la República Argentina. Premio CCIM a la Investigación y Desarrollo de Nuevas Tecnologías, 2011. Presidenta ALADO3 (Asociación Latinoamericana de Dentistas Ozonoterapistas). Miembro, ISCO3.
Dentist. Cytodiagnosis, Orthodontics. Development apparatus GO3 system lodge. Publications in Dental World Magazine (Chile); Journal of the Argentina Confederation. CCIM Award for Research and Development of New Technologies, 2011. President ALADO3 ((Ozone Therapist Latin American Dentists Association). ISCO3 member.
Ponencia: Ozonoterapia orofacial. Disrupción en las técnicas tradicionales
Lecture: Orofacial ozono therapy. Disruption in traditional techniques

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13:20 – 13:40 [Dra. Iman Mohamed Sobhy Matar. \(EGY\)](#)

9 Odontóloga. Ph.D. Prosthodontics in Dentistry. Profesora, Facultad de Odontología, Universidad de Pharous, Alejandría. Experta, ISCO3. Tres artículos publicados.
DDS. Ph.D. Prosthodontics in Dentistry, Lecturer, Dentistry Faculty, Alexandria Pharous University. ISCO3 expert. Three scientific papers.

Ponencia: ¿Es la terapia de ozono prometedora para los implantes dentales?

Lecture: [Is Ozone Therapy Promising for Dental Implants?](#)

13:40 - 14:00 **Preguntas-respuestas. Questions-answers.**

14:00 - 16:00 **Comida a cargo de cada participante.** Pueden comer a precio módico en el restaurante de estudiantes de la Facultad de Medicina, Universidad Complutense, Madrid.

Lunch in charge of every participant who may have it at a low price at the student's restaurant of the Students Restaurant of the School of Medicine, Complutense University, Madrid

Presidente/Chairman: [Dr. Esteban González \(SPA\).](#)

Moderadores/Moderator: [Dr. Froylan Alvarado \(MEX\); Genady Grechkanov \(RUS\)](#)

16:00 - 16:20 [Dr. Gregorio Martínez Sánchez \(CUB\)](#)

10 Dr. Ciencias Farmacéuticas. Ph.D. Experto en Estrés Oxidativo. Miembro de AEPROMO. Presidente, ISCO3. Miembro Consejo Redacción, Comités Editorial y Evaluador, Revista Española de Ozonoterapia. Profesor del curso de “Experto Universitario en Ozonoterapia y Factores de Crecimiento Ozonizados”. Universidad Rey Juan Carlos, Madrid, ediciones 2013-2014; 2014-2015.
Pharmaceutical Sciences. Ph.D. AEPROMO member. ISCO3 President. Member, Editorial Board, Editorial Committees and Appraiser Committee of the Spanish Journal of Ozone Therapy. Professor, course of “University Diploma in Ozone Therapy and Ozonated Growth Factors”, King Juan Carlos University, Madrid, 2013-2014; 2014-2015 editions.

Ponencia: Actualización sobre los mecanismos de acción del ozono a través de la modificación de vías de señalización celular. Papel del Nrf2 y el NFkb

Lecture: [Up-date on the mechanisms of action of ozone through the modification of cellular signaling pathways. Role of Nrf2 and NFkb.](#)

16:20 - 16:40 [Dr. Víctor R. Pereyra \(ARG\)](#)

11 Neurocirujano. Cirugía de Columna. Unidad de Ozonoterapia, Fundación Matera, Hospital Ramón Santamarina, Tandil, Argentina. Experto, ISCO3. Artículos, International Journal of Ozonotherapy. *Neurosurgery. Spine Surgery. Ozone Unit, Matera Foundation, Ramón Santamarina Hospital, Tandil, Argentina. ISCO3 expert. Papers published in the International Journal of Ozone Therapy.*

Ponencia: Ozono neurotransmisores y genes del accidente cerebro vascular isquémico

Lecture: [Ozone neurotransmitters and genes of accident ischemic vascular brain](#)

16:40 - 17:00 [Dra. Adriana Schwartz Tapia \(SPA\)](#)

12 MD. Ginecologista. President AEPROMO and IMEOF

Ponencia: Ozonoterapia en el papiloma virus

Lecture: [Ozonotherapy in the treatment of papiloma virus](#)

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- 17:00 - 17:20 **Dr. Froylán Alvarado Güémez (MEX)**
13 MD president AMOZON
Ponencia: Microdosis de ozono. Una emergente y eficaz forma de aplicación terapéutica del ozono
Lecture: [Ozone microdose. An emerging and effective form of therapeutic application of ozone](#)
- 17:20 - 17:40 **Dra. Irma Spínola (MEX)**
14 MD. Medicina Regenerativa & Antienvjecimiento. Administración en Organizaciones de la Salud. Hospital Ángeles Lindavista, México.
MD. Anti-aging & Regenerative Medicine. Administraton in Health Organizations. Hospital Ángeles Lindavista, México.
Ponencia: La Ozonoterapia como Base de la Medicina Antienvjecimiento
Lecture: [Ozone Therapy as Base of Anti-aging Medicine](#)
- 17:40 - 18:00 **Dr. Frank A. Shallenberger. (USA)**
15 MD. Anti-Aging Medicine. Presidente, AAO (American Academy of Ozone Therapy). Vicepresidente, IMEOF. Miembro, ISCO3. 6 artículos y 3 libros. Patentó Bio-Energy Testing.
MD. Anti-Aging Medicine. President, AAO (American Academy of Ozone Therapy). Vice President IMEOF. ISCO3 member. 6 papers & 4 books. Patented Bio-Energy Testing.
Ponencia: Uso de la inyección directa de ozono / oxígeno para eliminar las venas de araña (telangiectasia).
Lecture: [Using direct injection of ozone/oxygen to eliminate spider \(telangiectasia\) veins](#)
- 18:00 - 18:20 **Preguntas-respuestas. Questions-answers.**
- 18:20 - 19:00 **Descanso café y visitas exposición comercial. Coffee brake and visit to commercial exposition.**
- 19:00 Asamblea general ordinaria de AEPROMO. Sala Botella, Facultad de medicina, Univesidad Complutense de Madrid. *AEPROMO ordinary general assembly. Botella Room, School of Medicine, Complutense University, Madrid.*
- 20:00 **Fin de actividades primer día congreso / End first day congress activities**

Sábado 3 de junio - Saturday June 3th

- Presidente/Chairman: Dr. Ivan Pacheco (VEN)**
Moderadores/Moderator: Dr. Víctor Pereyra (ARG); Dra. Mercedes Hernández (SPA)
- 8:30-8:50 **Vet. Margo Roman. (USA)**
16 Veterinaria. Acupuntura veterinaria. Pequeños animales. Directora Main Street Animal Services of Hopkinton. Dos libros y varios documentos publicados.
Veterinary Acupuncture. Small Animal Veterinary Medicine, Director, Main Street Animal Services of Hopkinton. Two books and several papers published.
Ponencia: Solución salina ozonizada utilizada de forma cutánea, subcutánea, intravenosa y otras aplicaciones en medicina veterinaria.
Lecture: [Ozonated saline used cutaneously, subcutaneously, intravenously and other applications in Veterinary Medicine.](#)

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8:50-9:10	Dra. Mercedes Hernández Avilés (SPA)
17	Veterinaria. Especialista en pequeños animales. Experta universitaria en la terapia de ozono y factores de crecimiento ozonizada, Universidad Rey Juan Carlos, Madrid. Directora, Clínica Veterinaria Dramp, Arganda del Rey, Madrid. Miembro, AEPRIMO. Experta ISCO3 <i>Veterinary clinic. Specialist in small animals. University expert on ozone therapy and growth factors ozonated, King Juan Carlos University, Madrid. Director, Veterinary Clinic dramp, Arganda del Rey, Madrid. AEPRIMO member. ISCO3 expert.</i> Ponencia: Ozonoterapia como coadyuvante cuando las terapias convencionales no resuelven. Casos clínicos. Lecture: Ozone therapy as adjuvant when conventional therapies do not resolve. Clinical cases
9:10 - 9:30	Dr. Dario Apuzzo (ITA)
18	Medicina física y de rehabilitación. Profesor Senior. Experto, ISCO3. Presidente y fundador de AIRO (Accademia Internazionale Ricerca Ossigeno-Ozono Terapia). <i>Physical and Rehabilitation Medicine. Senior Professor. ISCO3 Expert. President and founder of AIRO (accademia Internazionale Ricerca Ossigeno-Ozono Terapia).</i> Ponencia: Mecanismo de acción del ozono sobre la hernia discal: datos clínicos e instrumentales Lecture: Ozone mechanism of action on herniated disc: clinical and instrumental data
9:30 - 9:50	Dr. Iván Alexis Pacheco Cárdenas (VEN)
19	MD. Traumatología y Ortopedia. Porlamar, Isla de Margarita, Venezuela. <i>MD. Traumatology and Orthopedics. Traumatología y Ortopedia. Porlamar, Isla de Margarita, Venezuela.</i> Ponencia: Tratamiento de síndrome de espalda fallida con ozono Lecture: Treatment of failed back syndrome with ozone
9:50 - 10:10	Dr. Miguel Ángel Montoya Díaz (MEX)
20	MD. Ph.D. Anestesiología. Centro Integral de Ozonoterapia Medica, Vallarta, México. <i>MD. Ph.D. Anesthesiology. Centro Integral de Ozonoterapia Medica, Vallarta, México.</i> Ponencia: Discólisis con ozono como primera alternativa terapéutica en México Lecture: Discolysis with ozone as the first therapeutic alternative in México
10:10 - 10:30	Dr. José Germán Medina (VEN)
21	MD. Ph.D. Experto, ISCO3. Cirugía de la Columna Vertebral. Lesiones del Deporte. Prof. Titular, Universidad Central de Venezuela. Magister Scientiarum en Salud Pública. Director Médico, selecciones olímpicas de Venezuela. 35 artículos publicados. 4 Premios científicos nacionales. <i>MD. Ph.D. ISCO3 expert. Vertebral Column Surgery. Sports injuries. Professor, Central University of Venezuela. Magister Scientiarum in Public Health. Medical Director, olympic teams of Venezuela. 35 papers published. 4 national scientific awards. Anesthesiologist.</i> Ponencia: Aplicaciones de ozonoterapia en lesiones del Deporte. Experiencia durante los juegos Olímpicos de Río 2016. Lecture: Ozone Therapy Applications in Sports Injuries. Experience during the Rio 2016 Olympic Games
10.30 – 10:50	Preguntas-respuestas. Questions-answers.
10:50 - 12:00	Descanso café y visitas exposición comercial. <i>Coffee brake and visit to commercial exposition.</i>

V International Congress of AEPROMO. VI International Congress of IMEOF
“Better Ozone Therapy with Training, Investigation and Publication”
Spanish Association of Medical Professionals in Ozone Therapy

Presidente/Chairman: **Dr. Bernardino Clavo (SPA)**

Moderadores/Moderator: **Dr. German Medina (VEN); Dr. Javier Céspedes Suarez (CUB)**

12:00-12:20

Dr. Arzu Irbán (TUR)

- 22** Ph.D. MD, Anestesióloga. Especialista del dolor. Facultad de Medicina, Harvard. Consejo Europeo del Hospital La Paz, España. Miembro, ISCO3.
Pain Management Specialist at Harvard Medical Faculty. European Board, Hospital La Paz, Spain. ISCO3 member.

Ponencia: Efecto de la ozonoterapia en curación de la fractura ósea experimental en ratas

Lecture: The effect of ozone therapy on experimental bone fracture healing in rats

12:20 - 12:40

Dr. Juan López-Laserna Ruiz (SPA)

- 23** Traumatología. Jefe, Unidad del Pie y Tobillo, Hospital San Juan de Dios, Córdoba. Presidente del Comité Científico del 4º Congreso de AEPROMO y 3º de IMEOF. Miembro de AEPROMO. Miembro Comité Editorial, Revista de la SEMPCT (Sociedad Española de Medicina y Cirugía del Pie y del Tobillo).
MD. Traumatology. Chief, Foot and Ankle Unit, San Juan de Dios Hospital, Córdoba. President of the Scientific Committee of the 4th Congress of AEPROMO and 3rd of IMEOF. AEPROMO member. Member Editorial Board, Journal of the SEMCPT (Spanish Society of Medicine and Surgery of the Foot and Ankle).

Ponencia: Infiltraciones con Ozono Medico en patologías del Tobillo y pie

Lecture: Infiltrations with Medical Ozone in Ankle and Foot Pathologies

12:40 - 13:00

Dr. Miguel Antonio Mejía López (GTM)

- 24** Master, Cirugía General. Miembro, AEPROMO. Experto, ISCO3. Premio Dr. Gallardo Flores, Congreso Nacional, Cirugía Hepática Guatemala 2010. El hamartoma caso interesante, Instituto Guatemalteco de Seguridad Social.
Master, General Surgery. AEPROMO Member. ISCO3 expert. 2010. Prize Dr. Gallardo Flores, Guatemala National Congress of Surgery Hepatic. Hamartoma, Interesting Case, Guatemalan Social Security Institute.

Ponencia: Ozonoterapia y sus diferentes aplicaciones para la regeneración de úlceras y heridas en miembros inferiores

Lecture: Ozone therapy and its different applications for the regeneration of ulcers and wounds in lower limbs

13:00-13:20

Dr. Emmanouil Iliakis (GRC)

- 25** MD. Ph.D. Ortopedia. Seis libros, 20 artículos científicos. Experto, ISCO3.
MD. Ph.D., Orthopaedic Surgeon. Six books, 20 scientific papers. ISCO3 Expert
Ponencia: Tratamiento con ozono. Otro método para tratar el dolor neuropático
Lecture: Ozone therapy. Another method for treating the neuropathic pain

13:20-13:40

Dr. Javier Cecilio Céspedes Suarez (CUB)

- 26** MD. Especialista en Medicina Interna. MSc. Urgencia y Emergencia Medica. MSc. Ecocardiografía. Diplomado en Cuidados Intensivos. Director General y Clínico Centro Médico Cardiozono (Luanda, Angola).
MD. Specialist in Internal Medicine. MSc. Emergency and Medical Emergency. MSc. Echocardiography. Diploma in Intensive Care. Director General and Clinical Cardiozono Medical Center (Luanda, Angola).

Ponencia: Ozolife Softgels®, nueva alternativa en el tratamiento del Helicobacter pylori

Lecture: Ozolife Softgels® A new alternative in the treatment of Helicobacter Pylori

V International Congress of AEPROMO. VI International Congress of IMEOF
 “Better Ozone Therapy with Training, Investigation and Publication”
 Spanish Association of Medical Professionals in Ozone Therapy

13.40-14.00	Preguntas-respuestas. Questions-answers.
14:00 - 16:00	Comida a cargo de cada participante. Pueden comer a precio módico en el restaurante de estudiantes de la Facultad de Medicina, Universidad Complutense, Madrid. Lunch in charge of every participant whomay have it at a low price at the students restaurant of the Studends Restaurant of the School of Medicine, Complutense University, Madrid
	Presidente/Chairman: Dr. Humberto LosCertaes (SPA) Moderadores/Moderator: Dr. Miguel Ángel Montoya (MEX); Dr. Marcelo Migliora (SPA)
16:00 - 16:20	Dr. Bernardino Clavo (SPA)
27	Ph.D. Tesis Cum Laude. Recibió Premio Extraordinario. Servicio de Oncología Radioterápica, Unidad de Investigación y Unidad de Dolor Crónico del Hospital Universitario de Gran Canaria Dr. Negrín. Miembro de AEPROMO e ISCO3. Miembro Comité Evaluador, Revista Española de Ozonoterapia. Autor de cerca de 60 publicaciones y monografías, y coautor de diez libros. <i>Ph.D. Thesis Cum Laude & received Extraordinary Award. Department of Radiation Oncology, Research Unit and Chronic Pain Unit at the Great Canary University Hospital Dr. Negrín. Member of AEPROMO & ISCO3. Member Evaluation Board, Spanish Journal of Ozone Therapy. Author of about 60 publications and monographs, and co-author of ten books.</i> Ponencia: Ozonoterapia en el manejo de la toxicidad de los tratamientos oncológicos Lecture: Ozone Therapy in the Management of Cancer-treatment Toxicity
16:20 - 16:40	Entrega de los premios Aepromo a las mejores ponencias.
28	
16.40 – 17:00	Dr. Heinz Konrad. (BRA)
29	General Surgery. Founder of the Brazilian Association of Ozone Therapy (ABOZ). ISCO3 member. Ponencia: Líneas de tiempo en ozonoterapia Lecture: Time lines in ozone therapy
17:00 - 17:20	Dra. Oxana Bitkina (RUS)
30	MD. Ph.D. Dermatología. Instituto de Investigación Dermatológica Venéreas, Academia Estatal de Medicina de Nizhny Novgorod. Profesora, Departamento de la piel y enfermedades venéreas. Miembro, ISCO3. Autor de cerca de 80 publicaciones. <i>MD. Ph.D. Dermatology. Research Dermatovenereal Institute, Nizhny Novgorod State Medical Academy. Professor, Department of Skin and Venereal Diseases Author of about 80 publications. ISCO3 member.</i> Ponencia: Variantes del uso clínico de la terapia de ozono en la práctica dermatológica ambulatoria Lecture: Variants of clinical using of ozone therapy using in dermatological out-patient practice
17:20 - 17:40	Dr. Francisco Pedro García López (SPA)
31	MD. Unidad de pediatría naturalista y adolescencia. Unidad de alergología pediátrica <i>MD. Unit of naturalistic pediatrics and adolescence. Pediatric allergy unit.</i> Ponencia: Calidad asistencial con ozonoterapia en la psoriasis Presentation: Quality care with ozone therapy in psoriasis
17:40-18:00	Preguntas-respuestas. Questions-answers
18:00 - 18:20	Conclusiones generales. General conclusions.
18:20 - 19:45	Descanso café y visitas exposición comercial. Coffee brake and visit to commercial exposition.

Plenary lecture. Review lecture

Up-date on the mechanisms of action of ozone through the modification of cellular signaling pathways. Role of Nrf2 and NFkb.

[Martínez-Sánchez, Gregorio](#) Ph.D. ¹, Delgado-Roche, Livan Ph.D. ²

¹ Medical Center Beauty Benefit - San Biagio di Osimo, Via Mons. Oscar Romero, 31 60027 Osimo, Ancona, Italy. E.mail: gregorcuba@yahoo.it

² Postdoctoral Fellowship, Department of Natural Products, Institute of Chemistry, Universidad Nacional Autónoma de México, Circuito Exterior, Ciudad Universitaria, Mexico City, Mexico.

Abstract

The ozone-oxidative conditioning concept supports the pharmacological effect of medical ozone in different oxidative stress-associated diseases. The interaction of ozone with serum and cellular components leads to the formation of peroxides and aldehydes acting as second messengers that activate different pathways associated with cellular redox responses. A recent report showed the *in vivo* activation of Nrf2 in peripheral blood mononuclear cells by low doses of ozone and the promotion of protein synthesis in healthy subjects.

The Nuclear factor, Nrf2 is a master transcription factor that regulates electrophile-responsive element (EpRE) in human, mediated expression genes encoding antioxidant enzymes and cytoprotective proteins to cellular stresses. These Nrf2-regulated genes can be classified into phase II xenobiotic-metabolizing enzymes antioxidants, molecular chaperones, DNA repair enzymes, and anti-inflammatory response proteins, thereby reducing reactive compounds such as electrophiles and free radicals to less toxic intermediates whilst increasing the ability of the cell to repair any damage ensued. Importantly, Nrf2 has been shown to possess an EpRE sequence within its own promoter region providing a platform for Nrf2 to initiate its own transcription further enhancing the adaptive cell defense response.

Experimental results demonstrated that ozone *ex vivo* or *in vivo* can activate Nrf2. This mechanism can explain the genomic target of ozone, that induce the proteomic response (protein synthesis, as antioxidant enzymes: e.g. HO1, SOD, CAT) providing far better protection against the total body damaging effects from free radicals. In addition, a very recent manuscript (in press) demonstrates the role of ozone on casein kinase 2 (CK2) (another regulator of the Nrf2 activity through its phosphorylation) in sclerosis multiple patients.

However, the effects of ozone also involve the activation of the NF-kB pathway. This pathway activates the release of pro-inflammatory cytokine like: TNF α , INF γ , IL8. As result, dose concept in ozone therapy and it hormetic response has a crucial role to manage the equilibrium inflammation / pro-inflammation responds.

Keywords: ozone, ozone therapy, Nrf2, nuclear factor erythroid 2, Autohemotherapy, EpRE, electrophile-responsive element, hormesis, casein kinase 2, Nfkb

Conferencia plenaria. Revisión

Actualización sobre los mecanismos de acción del ozono a través de la modificación de vías de señalización celular. Papel del Nrf2 y el NFκB.

[Martínez-Sánchez, Gregorio](#) Ph.D. ¹, Delgado-Roche, Livan Ph.D. ²

¹ Medical Center Beauty Benefit - San Biagio di Osimo, Via Mons. Oscar Romero, 31 60027 Osimo, Ancona, Italy. E.mail: gregorcuba@yahoo.it

² Postdoctoral Fellowship, Department of Natural Products, Institute of Chemistry, Universidad Nacional Autónoma de México, Circuito Exterior, Ciudad Universitaria, Mexico City, Mexico.

Resumen

El concepto de pre-condicionamiento ozono-oxidativo apoya el efecto farmacológico del ozono médico en diferentes enfermedades asociadas al estrés oxidativo. La interacción del ozono con el suero y los componentes celulares conduce a la formación de peróxidos y aldehídos que actúan como segundos mensajeros que activan diferentes vías asociadas con las respuestas redox celulares. Un artículo reciente mostró la activación *in vivo* (en sujetos sanos) de Nrf2 en células mononucleares de sangre periférica a dosis bajas de ozono y la promoción de la síntesis de proteínas.

El factor nuclear, Nrf2 es un factor de transcripción esencial que regula el «elemento de respuesta a los electrófilos» (EpRE) en humanos, media la expresión de genes que codifican enzimas antioxidantes y proteínas citoprotectoras celulares. Estos genes regulados por Nrf2 pueden clasificarse en enzimas que metabolizan xenobióticos de fase II, antioxidantes, chaperonas moleculares, enzimas de reparación de ADN y proteínas de respuesta anti-inflamatoria, reduciendo así compuestos reactivos tales como electrófilos y radicales libres a intermediarios menos tóxicos, de esta forma aumentan la capacidad de la célula para reparar cualquier daño. Es importante destacar que se ha demostrado que Nrf2 posee una secuencia EpRE dentro de su propia región promotora proporcionando una plataforma para que Nrf2 inicie su propia transcripción mejorando adicionalmente la respuesta adaptativa de defensa celular.

Los resultados experimentales han demostrado que el ozono *ex vivo* o *in vivo* puede activar Nrf2. Este mecanismo puede explicar el blanco genómico del ozono, que induce la respuesta proteómica (síntesis de proteínas, como enzimas antioxidantes: por ejemplo, HO1, SOD, CAT) proporcionando una mejor protección contra los efectos perjudiciales de los radicales libres. Además, un trabajo muy reciente (en prensa) demuestra el papel del ozono sobre la caseína quinasa 2 (CK2) (otro regulador de la actividad Nrf2 a través de su fosforilación) en pacientes con esclerosis múltiple.

Sin embargo, los efectos del ozono también implican la activación de la vía NF-κB. Esta vía activa la liberación de citoquinas pro-inflamatorias como: TNFα, INFγ, IL8. Como resultado, el concepto de dosis en la terapia de ozono y la respuesta hormonal tiene un papel crucial para controlar el equilibrio: inflamación / pro-inflamación.

Palabras clave: ozono, ozono terapia, Nrf2, factor nuclear eritroide 2, Autohemoterapia, EpRE, elemento de respuesta electrofílica, hormesis, caseína cinasa 2, NfκB.

Plenary lecture. Review lecture

Time Lines in Ozone Therapy

[Heinz Konrad](#), M.D., M.Sc.

Private Medical Office. Introducer of ozone therapy in Brazil. www.ozonio.med.br, konrad@sti.com.br

Abstract

Throughout the evolution of ozone therapy in the world, for more than 100 years, there have always been ups and downs. The “downs” were especially caused by interests, clear or not so clear, and the “ups” sometimes came in a rather late or timid, uncertain form. A short overview is given.

Keywords: ozone, ozone therapy.

Plenary lecture. Review lecture

Ozone Neurotransmitters and Genes of Accident Ischemic Vascular Brain.

[Victor R Pereyra](#), M.D.

Neurosurgeon Foundation Malera Tandil Argentina. Founding member of the Argentine Association of Minimally Invasive Spine Surgery. Member of ISCO3 International Scientific Committee.

Abstract

The human brain carrying 10 billion neurons shows us how through its migration to its final destination with ameboid and migratory movements controlled by cell membrane molecules, cell adhesion molecules - neuron-glia completes its genetic code of migration. The development of inter-membrane language is strictly related to neurotransmitters and brain genes.

Any negative genetic differentiation will create a genetic allele with essential subcellular organ damage to the aerobic or oxidative metabolism of brain cells, mitochondria. The development of the human genome with its branches of the human micro-biome has surpassed the frontiers that interpreted the cerebral plasticity independent of the autophagy and the mechanisms of cellular recycling. The genetics of ischemic stroke (cadasil) and multiple neurodegenerative diseases have linked apoptosis with the identification of antiubiquitin antibodies, protein regulatory protein recycle.

Cerebral edema in the penumbra area and loss of balance between transcription factors with excessive glutamate release in ischemic cerebrovascular attacks justifies refractory seizures. The measurement of cerebral edema and its distribution in the wall after major autohemotherapy with ozone allows us to relate perfusion and diffusion resonance through the positive clinical and neurological effects of ischemic stroke.

Ozone stimulates neuronal balance with activation of transcription factors (NRF2-KELCH1). When this equilibrium is broken, not only do these transcription factors inactivate but also lead to uncontrolled autophagy with the release of excitatory neurotransmitters that generate comital discharges, because the plasma membrane proteins by hypoxia can not be ubiquitinated and be directed to the neuronal lysosome. The neurotransmitters and genes of ischemic stroke are related to the transcription factors that trigger the arrival of key ozone messengers to a recoverable hypoxic area such as the penumbra area where they act by improving astrocytic edema and disorders of the cerebral microcirculation.

Keywords: genes - neurotransmitters - penumbra area - autophagy.

Conferencia plenaria. Revisión

Ozono Neurotransmisores y Genes del Accidente Cerebro Vascular Isquémico

[Victor R Pereyra](#), M.D.

Neurocirujano Fundación Matera Tandil Argentina. Miembro fundador de la Asociación Argentina de cirugía de columna mínimamente invasiva. Miembro del Comité Científico Internacional ISCO3.

Resumen

El cerebro humano portador de 10.000 millones de neuronas muestra como a través de su migración hasta su destino final con movimientos ameboides y migratorios controlados por moléculas de membrana celular, moléculas de adhesión celular - neurona -glia completa su código genético de migración. El desarrollo del lenguaje inter membrana está estrictamente relacionado con los neurotransmisores y genes cerebrales. Cualquier diferenciación genética negativa creara un alelo genético con lesión del orgánulo subcelular esencial del metabolismo aerobio u oxidativo de las células cerebral., la mitocondria.

El desarrollo del genoma humano con sus ramas del micro bioma humano ha sobrepasado las fronteras que interpretaban la plasticidad cerebral independiente de la autofagia y los mecanismos de reciclaje celular. La genética del accidente cerebrovascular isquémico (cadasil) y múltiples enfermedades neurodegenerativas han relacionado la apoptosis con la identificación de anticuerpos antiubiquitina, proteína reguladora del reciclaje de proteínas. El edema cerebral en área de penumbra y la pérdida del equilibrio entre los factores de transcripción con excesiva liberación de glutamato en los ataques cerebrovasculares isquémicos justifica las descargas convulsivas refractarias. La medición del edema cerebral y su distribución en muralla tras autohemoterapia mayor con ozono nos permite relacionar a través de resonancia por perfusión y difusión los efectos positivos cliniconeurologico del accidente cerebrovascular isquémico.

El ozono estimula el equilibrio neuronal con activación de factores de transcripción (NRF2 -KELCH1). Cuando este equilibrio se rompe no solo se inactivan estos factores de transcripción sino que da lugar a la autofagia descontrolada con liberación de neurotransmisores excitadores que generan descargas comiciales, porque las proteínas de membranas plasmáticas por la hipoxia no pueden ubiquitinizarse y ser dirigidas al lisosoma neuronal. Los neurotransmisores y genes del ataque cerebrovascular isquémico se relacionan con los factores de transcripción que desencadena la llegada de mensajeros claves del ozono a un área hipoxica recuperable como el área de penumbra donde actúan mejorando el edema astrocítico y los trastornos de la microcirculación cerebral.

Palabras clave: ozono, genes, neurotransmisores, área de penumbra, autofagia.

Plenary lecture.

Infiltrations with Medical Ozone in Ankle and Foot Pathologies

[Juan Lopez-Laserna Ruiz](#), M.D.

Chief of the Foot and Ankle Unit. San Juan de Dios Hospital. Cordoba. E-mail: lasernar@telefonica.net. web site: juanlopezlaserna.es. Phone:034 957475952-034957480018. Fax:034957475952

Abstract

Introduction and Objectives: The pathologies of the foot and ankle respond well to conservative treatment with infiltrations with Medical Ozone. In this work we are going to explain, with the support of videos as we infiltrate the different lesions and an approach to the diagnosis of them.

Material and methods. The pathologies of the foot and ankle treated with Medical Ozone in order of frequency in our consultation are: Talalgias and Tarsal Tunnel Syndrome, Neuroma of Morton, Tarsal sinus syndrome and arthritis of the hindfoot, Ankle osteoarthritis, Tendinopathies, Hallux limitus and rigidus, Anterior Tarsal tunnel Syndrome.

Results and conclusions. Medical ozone therapy gives good results in the treatment of pathologies of the ankle and foot. In tarsal tunnel syndrome have cures 80 % of cases with three injections, we also have good results with the surgical treatment. The ankle osteoarthritis improves with medical ozone infiltrations by their arthrodiastasis effect, allowing us to defer surgery to year. We have not had any infectious complication or skin with Medical Ozone infiltrations.

Keywords: Medical Ozono, Foot and Ankle pathologies, infiltratitons, arthrodiastasis.

Plenary lecture.

Ozone mechanism of action on Herniated Disc: clinical and instrumental data

[Dario Apuzzo](#), M.D., Prof.

President of A.I.R.O. (International Academy for Research in Ozone-Therapy)

Abstract

Objectives: Recently, Oxygen-Ozone (O2O3) Therapy has been used successfully in the treatment of Low Back Pain, reducing pain after the failure of other conservative treatments. In a large number of patients LBP is associated with disc herniation (DH). Ozone therapy can stop pain caused by the Intervertebral Disc Degeneration (IDD), associated or not with an extrusion of nucleus pulpous, causing inflammatory changes. Our primary purpose is to understand how ozone affects on IDD.

Materials and methods: Bilateral intramuscular O2O3 infiltrations, injected on the disk lesion with a paravertebral approach. An Oxygen-Ozone mixture at a rate of 20 µg/mL was obtained by means of an Ozone generator.

Results and Conclusion: A good reduction of pain and a significant improvement of life quality was obtained in patients with IDD treated with intramuscular infiltrations of O2O3. Oxygen-Ozone therapy restricts production of pro-inflammatory substances from hernia, which are responsible for the painful symptoms and functional impairment. On the contrary of common knowledge painful symptoms improvement is due to the loss of bio humoral inflammation factors and not to the reduction of mechanical nerve pressure.

The action of oxygen-ozone is performed in a development of fibrous tissue in the disc herniation. This would prevent the production of pro inflammatory substances by the hernia itself, thus explaining the disappearance of the painful symptoms in the absence of volumetric reduction of the hernia. It is also confirmed by the persistence of the mechanical pressure on the nerve notwithstanding the inflammatory and pain symptoms have disappeared.

Keywords: low back pain, intervertebral disc degeneration, herniated disk, ozone therapy, paravertebral infiltrations, fibrous tissue, biohumoral factors, mechanism of action.

Plenary lecture. Clinical trial

Application of Ozone Microdoses in patients with pain or neurological damage. Report of 67 cases

[Froylán Alvarado Güémez](#), M.D., Prof.; Prof. M.Sc Luisa Batilde Lima Hernández, LQB. Carla Núñez Lima, PhD. Gastón Mora de la Cruz

President of the Mexican Association of Ozone Therapy (AMOZON) www.amozon.org.mx Member of the International Scientific Committee on Ozone (ISCO3 / International Scientific Committee of Ozone Therapy) www.isco3.org
Email: info@amazon.org.mx / / Medical Office: Rosales No. 42 Oriente, Despacho 210 Colonia Centro, Culiacan Sinaloa, Mexico CP 80000 Phone: 52 667 7169566 Cell phone: 52 1667 1510595. Email: froylan.alvarado@mail.com
luisabatilde@gmail.com

Abstract

Pain is an unpleasant sensory and emotional experience related to potential or tissue damage, which is the main cause for medical visits of the world's population. The objective of the present study was to assess the therapeutic use of ozone injections applied in microdoses for the treatment of pain. An observation, longitudinal and prospective study was made with 67 patients who suffered 7 different types of pathologies which produced pain or with discartrosis and lumbar stenosis. The patients went to the private medical office of this investigation's main author in Culiacan, Sinaloa, Mexico between January 2012 and March 2015. Two groups of 36 and 31 patients respectively were studied: a) Ozone Microdoses Simple: Only microdoses of ozone were applied b) Ozone Microdoses Combined: microdoses of ozone along with some other modalities of ozone therapy or with acupuncture, neural therapy or magneto therapy were applied. The concentrations of ozone used were between 8 and 15 µg/mL, the volume per injection was between 0.2 mL and 1 mL, the applications were weekly and from 10-15 days afterwards. The Analog Visual Scale, the Modified and adjusted Macnab Criteria were applied, and the level of satisfaction among the patients was measured before and after the treatment. As summarizing measurements, mean, standard deviation and percentages were used. In order to compare the results, the Kolmogorov-Smirnov test, the Mann-Whitney's nonparametric test and the t test (Student) were applied. The average of treatment sessions per patient was of 3.5. The EVA values obtained after the treatment were significantly less than the ones obtained before the treatment, as well as with Microdoses Simple and combined and among such treatments there was no significant difference. There was not any adverse reaction. A significant medical improvement was obtained. When evaluating the treatment's efficacy: for 32.8 % it was Excellent, for 52, 2 % it was Good. This therapeutic modality seems to be an efficient and safe option for the treatment of nociceptive and neuroceptive pain without any risk for the patient.

Keywords: Ozone microdose, pain, nociceptive neuroceptive, discartrosis, lumbar spinal stenosis.

Conferencia plenaria. Esayo Clínico

Aplicación de Microdosis de Ozono en pacientes con síndromes dolorosos o daños neurológicos. Reporte de 67 casos.

[Froylán Alvarado Güémez](#), M.D., Prof.; Prof. M.Sc Luisa Batilde Lima Hernández, LQB. Carla Núñez Lima, PhD. Gastón Mora de la Cruz

Presidente de la Asociación Mexicana de Ozonoterapia (AMOZON) www.amozon.org.mx Miembro del Comité Científico Internacional de Ozonoterapia (ISCO3 / International Scientific Committee of Ozone Therapy) www.isco3.org Email: info@amazon.org.mx // Tel: +52-667-7531584 / Culiacán, Sinaloa, México. Consultorio Médico: Rosales No. 42 Oriente, Despacho 210 Colonia Centro, Culiacán Sinaloa, CP 80000 Teléfono: 52 667 7169566 Celular: 52 667 1510595. Email: froylan.alvarado@mail.com luisabatilde@gmail.com

Resumen:

El dolor es una experiencia sensorial y emocional desagradable relacionada con un daño tisular real o potencial, que motiva la mayor cantidad de consultas médicas de la población mundial. El objetivo del presente estudio fue valorar la utilidad terapéutica del ozono administrado en microdosis inyectadas vía intradérmica para el tratamiento de entidades dolorosas. Se realizó un estudio observacional, longitudinal y prospectivo con 67 pacientes portadores de 7 diferentes tipos de patologías que producían dolor o con discartrosis y canal lumbar estrecho, que acudieron al consultorio particular del autor principal de esta investigación, en Culiacán, Sinaloa, México entre enero de 2012 y marzo de 2015.

Se estudiaron dos grupos de 36 y 31 pacientes respectivamente: a) Microdosis con O3 Simple: solo se les aplicó microdosis de ozono b) Microdosis con O3 Combinada: se les aplicó microdosis de ozono y además alguna otra terapia con O3 o con acupuntura, terapia neural o magnetoterapia. Las concentraciones de ozono empleadas fueron entre 8 y 15 µg/mL, los volúmenes por punto entre 0,2 y 1 mL, las aplicaciones semanales y después cada 10 o 15 días. Se aplicó la Escala Visual Análoga, el Criterio de Macnab Modificado y ajustado y se midió el nivel de satisfacción de los pacientes antes y después del tratamiento. Como medidas resumen se emplearon medias, medianas, desviaciones estándar y porcentajes. Para comparar los resultados se aplicó la prueba de Kolmogorov-Smirnov, la prueba no paramétrica de Mann-Whitney y la prueba t (Student).

El promedio de sesiones por paciente fue de 3,5. Los valores de EVA después del tratamiento fueron significativamente menores que los obtenidos antes del tratamiento, tanto con Microdosis Simple como Combinada y entre dichos tratamientos no hubo diferencia significativa. No se presentó ninguna reacción adversa. Se obtuvo una mejoría clínica considerable. Al evaluar la eficacia del tratamiento: para el 32,8% fue Excelente y para el 52,2 % Buena. Esta modalidad terapéutica parece ser una opción eficaz y segura para el tratamiento del dolor nociceptivo y neuroceptivo sin riesgos para el paciente.

Palabras clave: Microdosis con ozono, dolor, nociceptivo, neuroceptivo, discartrosis, canal lumbar estrecho.

Plenary lecture.

Treatment of failed back syndrome with percutaneous discolisis and Epidural Block with oxygen-ozone

[Iván Pacheco](#)

Head of the trauma unit and ozone therapy of Porlamar, Margarita Island, Venezuela. Treasurer of the Venezuelan society of ozone therapy. Orthopedist

Abstract

Objective: This prospective study is to demonstrate that percutaneous discolisis and epidural block with oxygen-ozone is effective and very safe to decrease the pain from failed back syndrome.

Materials and Methods: Prospective observational study of 45 patients with failed back syndrome and a total of 45 percutaneous nucleolisis and epidural block with O₂ -O₃ conducted from May 2012 to May 2013, all discolisis were performed under fluoroscope control with strict aseptic and antisepsis precautions, conscious sedation. All patients were administered O₂ -O₃ in the epidural disk and with an epidural space of 20 ug (5-10 mL) plus 2% procaine 40mg and 1cc of steroidal crystals, all the cases were administrated 1GS of cefacidal as prophylaxis. The effectiveness of the treatment is based on pain control by baseline visual analog scale (EVA 0), after 30 days (EVA 1), after six months (EVA 3) and after 12 months (EVA 6). All patients were survey conducted from the first visit to the end of the treatment with a satisfactory response.

Results: 45 discolisis percutaneous lumbar and epidural block were performed to 45 patients, the initial Eva was 7.78 + 0.99 and the evolution after the first month, 6 months and 12 months was: 2.43 + 2, 19, 1.80 + 2.31 and 2.07 + 2.49. None of the patients had adverse effects, in terms of satisfaction expressed by patients was excellent for 24 (53 %), good for 13 (29%) and regular to 8 (18 %).

Conclusions: spine surgery is not always successful, 65 % of all columns operated annually continue with some degree of disabling pain and require a precise and unambiguous strategy for their management, it is very important to prevent inappropriate surgeries, as soon as possible. Response to percutaneous discolisis with ozone is a very good alternative for the treatment of this dreaded syndrome.

Keywords: Percutaneous Discolisis, oxygen-ozone Epidural blockade.

Conferencia plenaria.

Tratamiento del Síndrome de espalda fallida con discolisis percutánea más Bloqueo Peridural con oxígeno-ozono.

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Resumen:

Objetivo: Este estudio prospectivo es demostrar que la discolisis percutánea más el bloqueo Peridural con oxígeno-ozono es efectiva, muy segura para disminuir el dolor producido por síndrome de espalda fallida.

Materiales y métodos: estudio prospectivo 45 pacientes con síndrome de espalda fallida a los que se realizó un total de 45 nucleolisis percutánea más bloqueo Peridural con O₂-O₃ durante un periodo comprendido entre mayo 2012 a mayo del 2013 todas las discolisis se realizaron bajo control fluoroscopia con medidas de asepsia y antisepsia estrictas, sedación consciente. Todos los pacientes se les administró O₂-O₃ en disco y espacio Peridural 20 ug (5-10 mL) más procaina al 2 % más 1 mL de 40 mg de cristales esteroideos, en todos los casos se administró 1 g de cefacidal como profilaxis. La eficacia del tratamiento se basa en el control del dolor según la escala visual analógica basal (EVA 0), a los 30 días (EVA 1), a los seis (EVA 3) y los 12 meses (EVA 6). Todos los pacientes se les realizó encuesta en la primera consulta y luego del final del tratamiento con respuesta satisfactoria.

Resultados: Se realizaron 45 discolisis percutánea lumbar más bloqueo Peridural a 45 pacientes la EVA inicial fue de 7,78 + 0,99 y la evolución al mes, a los 6 meses y a los 12 meses fue: 2,43 + 2,19, 1,80 + 2,31 y 2,07 + 2,49. Ningún paciente presentó efectos adversos en cuanto a la satisfacción expresada por los pacientes excelente para 24 (53 %), bueno para 13 (29 %) y regular 8 (18 %).

Conclusiones: la cirugía de columna no siempre es exitosa; el 65 % de todas las columnas operadas anualmente continúan con algún grado de dolor incapacitante se necesita una estrategia precisa y sin ambigüedades para su manejo, es muy importante prevenir cirugías inapropiadas, en cuanto sea posible. la respuesta a la discolisis percutánea con ozono es muy buena alternativa para el tratamiento de este síndrome tan temido.

Palabras clave: Discolisis percutánea, oxígeno-ozono, bloqueo Peridural.

Plenary lecture.

Ozone Discolysis as the First Therapeutic Alternative in Mexico

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Abstract

A quasi-experimental study was conducted in longitudinal research that involved 300 patients with slipped disc, treated at the Ozone Therapy Center (Spanish: Centro Integral de Ozonoterapia Médica) in Guadalajara, Jalisco, Mexico, from May 2010 to April 2016, with the aim of demonstrating the acceptance of ozone Discolysis as the first therapeutic alternative in the sample studied. Patients were divided into 4 groups, according to the type of interventional technique: percutaneous Nucleotomy, epidural ozone injection, platelet-rich plasma (PRP), which were combined with ozone Discolysis (DO3), and the fourth group was treated only with DO3. There was a greater knowledge of the ozone therapy via the internet by 82 % of patients, followed by personal references preferred by patients who had high school or a college degree, and the last one was the medical referral. Election of DO3 as the first alternative prevailed within the groups with high school and college degree, 29.3 % and 28.6 % respectively. The reason for choosing this method over surgery was the high incidence of complications of surgery. There was considerable improvement from a clinical point of view. At the beginning of the treatment, the Visual Analogue Scale (VAS) was deemed to be bad in (91-94) %, but it was deemed to be good at the end of the treatment, 94-97 %. Paresthesia was observed in 88-100% before the treatment, persisting only in 3-11 % of patients at the end of the treatment, without significant differences among the groups. The prospective analysis showed predominance of an asymptomatic period greater than 3 years in the groups treated with DO3, Nucleotomy + DO3, and epidural ozone injection + DO3, prevailing the group treated with DO3 with 88.3 % over the group treated with PRP + DO3, where 64.9 % of patients showed an asymptomatic period of 1 to 3 years. Return to usual life, with individual economic impact, was good in each group. This study demonstrated acceptance of ozone Discolysis as the first therapeutic alternative, as well as the effectiveness of this treatment combined with other interventional techniques.

Keywords: Ozone Discolysis, Nucleotomy, platelet-rich plasma, epidural ozone injection, slipped disc, alternative ozone treatment of slipped disc.

Conferencia plenaria.

Tratamiento del Síndrome de espalda fallida con discolisis percutánea más Bloqueo Peridural con oxígeno-ozono.

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Resumen:

Objetivo: Este estudio prospectivo es demostrar que la discolisis percutánea más el bloqueo Peridural con oxígeno-ozono es efectiva, muy segura para disminuir el dolor producido por síndrome de espalda fallida.

Materiales y métodos: estudio prospectivo 45 pacientes con síndrome de espalda fallida a los que se realizó un total de 45 nucleolisis percutánea más bloqueo Peridural con O₂-O₃ durante un periodo comprendido entre mayo 2012 a mayo del 2013 todas las discolisis se realizaron bajo control fluoroscopia con medidas de asepsia y antisepsia estrictas, sedación consciente. Todos los pacientes se les administró O₂-O₃ en disco y espacio Peridural 20 ug (5-10 mL) más procaina al 2 % más 1 mL de 40 mg de cristales esteroideos, en todos los casos se administró 1 g de cefacidal como profilaxis. La eficacia del tratamiento se basa en el control del dolor según la escala visual analógica basal (EVA 0), a los 30 días (EVA 1), a los seis (EVA 3) y los 12 meses (EVA 6). Todos los pacientes se les realizó encuesta en la primera consulta y luego del final del tratamiento con respuesta satisfactoria.

Resultados: Se realizaron 45 discolisis percutánea lumbar más bloqueo Peridural a 45 pacientes la EVA inicial fue de 7,78 + 0,99 y la evolución al mes, a los 6 meses y a los 12 meses fue: 2,43 + 2,19, 1,80 + 2,31 y 2,07 + 2,49. Ningún paciente presentó efectos adversos en cuanto a la satisfacción expresada por los pacientes excelente para 24 (53 %), bueno para 13 (29 %) y regular 8 (18 %).

Conclusiones: la cirugía de columna no siempre es exitosa; el 65 % de todas las columnas operadas anualmente continúan con algún grado de dolor incapacitante se necesita una estrategia precisa y sin ambigüedades para su manejo, es muy importante prevenir cirugías inapropiadas, en cuanto sea posible. la respuesta a la discolisis percutánea con ozono es muy buena alternativa para el tratamiento de este síndrome tan temido.

Palabras clave: Discolisis percutánea, oxígeno-ozono, bloqueo Peridural.

Plenary lecture.

Sports Injuries and Ozone Therapy. Applications and Recommendations

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Abstract

It is to introduce an alternative medical evidence based on the application of ozone in different sports pathologies that could set aside the athlete's performance of its activities consistent with your discipline. This measure applied according to recommendations suggested in this text would serve as an orientation guide to those medical specialists in the branch of sport and that they treat sports injuries and that they could apply these measured in order to obtain a speedy recovery of the athlete if these injuries qualify for their condition for the use of medical ozone. The disciplines are multiple and we only present evidence varied from concrete examples in order to facilitate the discussion and final guidance. The experience based on the application of this technique with some variables, in athletes who arose in the Toronto 2015 Pan American Games and the Rio de Janeiro 2016 Olympic Games and the results of those disciplines before, during and after competitions where it was proved the efficiency of ozone on the results obtained.

Keywords: ozone, sport injuries.

Conferencia plenaria.

Lesiones Deportivas y la Ozonoterapia. Aplicaciones y Recomendaciones

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Resumen:

se trata de presentar una alternativa médica basada en evidencia sobre la aplicación del Ozono en diferentes patologías deportivas que pudiesen apartar al atleta de alto rendimiento de sus actividades cónsonas con su disciplina.

Estas medidas aplicadas según las recomendaciones sugeridas en este texto servirían para una guía de orientación a aquellos médicos especialistas en la rama deportiva y que tratan lesiones del deporte y que pudiesen aplicar estas medidas a fin de obtener una pronta recuperación del atleta siempre y cuando estas lesiones califiquen por su condición para la aplicación del Ozono Medicinal.

Las disciplinas son múltiples y solo presentamos evidencias variadas de ejemplos concretos a fin de facilitar la discusión y la orientación final. La experiencia basada en la aplicación de esta técnica con algunas variables, en los atletas que se presentaron en los Juegos Panamericanos Toronto 2015 y los Juegos Olímpicos de 2016 de Río de Janeiro y los resultados de esas disciplinas antes, durante y después de las competencias donde se demostró la eficacia del ozono en los resultados obtenidos.

Palabras clave: Ozono, lesiones deportivas.

Plenary lecture.

Ozone therapy. Another method for treating the neuropathic pain

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Abstract

In our study, we have chosen to use ozone at the concentration of 40 µg /mL O₂-O₃ for the following reasons. 1) It is included in the concentration range of Madrid declaration. 2) It is completely harmless when injected around a nerve even into the subarachnoid space 3) It is sufficient to regulate the release of pro-inflammatory cytokines at the site of injection. 4) It renders alkaline the environment around the site of infusion, and 5) It, as data from transfected HEK cells provide direct evidence, fails to stimulate TRPV-1. Chronic pain with neuropathic features has been shown to affect around 7–8 % of the general population. TRPV1 in the skin has been implicated in neuropathic pain and when it is overactive, the TRPV-1 nerve produces proteins such as Substance P which directly causes pain. Ischemia of the region and oxidations create conditions so that a minimal and harmless stimulus may cause excessive irritation of sensitive nerves.

Materials and Methods. The cases selected (82) had all previously been addressed with medication mainly pain killers, non-steroid anti-inflammatory drugs, corticosteroids, Pregabalin, Tramadol without or with little improvement in symptoms, mainly pain or numbness. The ratio men/women was 1/1.8 and the duration of symptoms was from 2 months up to 48 years. Our technique, which we named it ozonodissection, is a perineural injection of 1-5 mL O₂/O₃ under ultrasound guidance, in the space above the fascia near the entrance and through that of the cutaneous nerve to the skin. The ozone, being a gas, diffuses immediately around the nerve, so that there is no need to inject large volumes of it, and, because the whole operation is carried out under guidance, there is no injury of the nerve. Based on patient-reported neurological distribution of pain we infused ozone at 1) paravertebrally at the point of the dermatomes, 2) at the point where the nerve become subcutaneous and 3) at every painful spot along the path of the cutaneous nerve. The maximum number of visits was 12 with a frequency ranging from 1/week to 1/ fortnight, and each patient received at each visit a total of maximum 800 µg O₃. Patients oversensitive to pain received procaine or xylocaine 0.5% prior to ozone infusion. No local or systemic side effects were observed in the patients treated with ozonodissection, while the pain at the site of infusion usually resolves within 2-3 minutes.

Results and Discussion. The follow up of patients refers to 1 year. Complete elimination of the symptoms was observed in 68% of the patients, while improvement in 84 %. Additionally, a total of 436 patients with acute or chronic symptoms particularly of the joints and of the lumbar area received ozonodissection together with the intra-articular or deep paravertebral local injections of medical ozone. With follow up of 2 years 93 % reported improvement. Medical ozone appears to possess properties that are important for the treatment of peripheral neuropathy. It accomplishes this by improving the functionality of sensitive nerves through ATP, O₂, glutathione, GH, by regulating local inflammations, and by possible interaction with TRPV1 receptors. The ozono dissection technique in combination with injection of medical ozone intra-articularly or paravertebrally may be applied to other case such as osteoarthritis with improved results. Results from other clinical cases and technical details regarding the technique will be presented. The method is recommended because it is safe and it has high efficiency.

Keywords: ozone, sport injuries.

Plenary lecture. Pre-clinical

The effect of ozone therapy on experimental bone fracture healing in rats

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Abstract

Background: Ozone has been used as a therapeutical agent for a long time. In the literature, many beneficial effects are attributed ozone; it balances the oxidant-antioxidant system, leads to delivery of super enriched oxygen at a cellular level and optimizes cell function, etc. Previously, beneficial effect of ozone on cutaneous wound healing was shown in experimental model in mice.

Aim: The aim of this study was to evaluate if there is a positive impact of ozone therapy on bone healing in an experimental fracture model in rats.

Methods: After approval of experimental animal ethic committee, an open femoral fracture (ffx) was performed in 48 Sprague-Dawley male rats. They were randomly divided into two groups: in Group O, medical ozone/oxygen mixture (500 mg/kg) and in Group C, medical air in volume of 4 mL were given rectally for 3-consecutive days. At days 4, 7 and 13, eight rats from each group were euthanized, and histomorphometric and immunohistochemical bone tissue evaluation was undertaken from the femur sampling.

Results: Histomorphometrically, periost thickness was thicker, trabecular areas were larger, cartilaginous and new bone areas were smaller ($p < 0.05$ for each) and TGF- β expressions were more intense in Group O ($p < 0.001$ for all times). Immunohistochemically, a significant increase in VEGF expressions in day 7 and 13 ($p < 0.001$ for each) and higher β -catenin expressions were observed in Group O at day 7 and 13 ($p < 0.001$ for each).

Conclusions: The current data indicate that ozone therapy could have positive impacts on bone healing process.

Keywords: ozone, sport injuries.

Plenary lecture. Pre-clinical

The State of functional and metabolic parameters of organism under the chronic use of ozone in experiment

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Abstract

The aim of this experiment was study of different ozone doses under chronic use on functional and metabolic parameters of oxygen homeostasis. Material and methods. This experiment was carried out on 50 male Wistar rats. First group of animals (n=10) was intact. Rats of second, third and fourth groups (n=10 in each group) got intraperitoneal injections of ozonized saline (1 mL) during 30 days. In second group ozone dose was 0.6 µg per injection, in third group – 2 µg/injection, in fourth group – 8 µg/procedure. Rats of fifth group got injections of saline (1 mL), which is saturated with oxygen. After 30 days of experiment the animals were removed from the experiment with combined anesthesia (zoletil (60 mg/kg) and xyla (6 mg/kg)). Some metabolic parameters of the blood were tested, such as intensity of lipid peroxidation, antioxidant activity, level of malonic dialdehyde in blood plasma and erythrocytes, catalytic activity of superoxide dismutase, lactate dehydrogenase and aldehyde dehydrogenase, plasma and erythrocyte concentration of glucose and lactate. Intensity of microcirculation was studied with laser Doppler flowmetry. Results. We registered the lowering of pro- and antioxidant potential of blood plasma and erythrocytes after the use of oxygenated saline during. This tendency included clear decreasing of chemiluminescence sum and chemiluminescence decrement speed, significant reduction of malonic dialdehyde level in plasma and erythrocytes (less than 50 % to intact group) with desactivation of superoxide dismutase, diminishing of lactate dehydrogenase activity in direct reaction (at 58 %) and aldehyde dehydrogenase. We also fixed elevation of glucose (at 35 %) and lactate (at 17 %) level in blood plasma with increasing of erythrocyte lactate (at 39 %). These changes were associated with intensity of microcirculation (at 25 %) with inhibition of active and passive regulatory factors.

Chronic administration of low ozone dose (0.6 µg) led to stimulation of blood antioxidant potential (at 21%) and superoxide dismutase activity (at 11%) without intensification of lipid peroxidation. It was associated with decreasing of malonic dialdehyde level in blood plasma (54% of intact level) and erythrocytes (75%). Activity of lactate dehydrogenase in direct reaction was reduced in 22 % to intact level, and activity of aldehyde dehydrogenase was decreased in 26 %, respectively. These metabolic changes were accompanied with accumulation of glucose and lactate in blood plasma (at 77 and 62 % to intact level) and in erythrocytes (at 133 and 85 %, respectively). Intensity of microcirculation was elevated at 41%, that is significantly higher than in administration of oxygenated saline.

At the use of high ozone doses (2 and 8 µg/procedure) we observed decreasing pro- and antioxidant potential (on chemiluminescence data), inhibition of lipid peroxidation (at 24-54 % to intact level) and oxidoreductases activity (especially under the use of 8 µg of ozone). In opposite, we registered activation of superoxide dismutase (at 18 and 19% for 2 and 8 µg of ozone, respectively). We additionally fixed most clear elevation of glucose and lactate concentration in blood plasma and erythrocytes (at 2-3 times to physiological level). Our experiments also demonstrated the intensification of microcirculation under the chronic administration of 2 µg and 8 µg of ozone (at 10 % and 25 % to initial level, respectively), but this tendency was lesser than at low ozone dose use.

Conclusion. So, chronic administration of ozone has a dose-dependent effect on pro- and antioxidant balance. Low ozone doses leads to its normalization, but high doses causes inactivation of oxidoreductases, such as lactate dehydrogenase and aldehyde dehydrogenase, with disorders of energy metabolism. Specialties of ozonized saline influence mechanism in comparison to oxygenated one are stimulation of antioxidant enzymes and intensification of microcirculation.

Keywords: ozone, antioxidant, metabolism.

Plenary lecture.

Ozone Theraphy as Base of Anti-aging Medicine

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Abstract

The causes of aging, physiological deterioration and greater possibility of premature death are multifactorial. As we age, the hypothalamus declines its functioning as well as decreasing the sensitivity of the hormonal receptor in the organs, leading to hormonal imbalance. According to the Neuroendocrine Theory of Aging, low hormone levels are related to an increased risk of chronic degenerative diseases such as Metabolic Syndrome, Diabetes, Alzheimer's, Cancer among others, as the hypothalamus also produces and releases pituitary hormones such as the thyroid, ovaries, Testicles and adrenal glands.

For current lifestyles, we present excessive levels of cortisol (stress hormone) that damage the hypothalamus and in particular is one of few hormones that increases with age. Multiple theories also include the shortening of Telomeres, oxidative stress, alteration in the intestinal microbiota. In particular, all theories share a specific point: the chronic inflammation factor at the cellular level derived from biological functional imbalance, and the common conclusion: to limit chronic inflammation.

Therefore, optimization and rebalance of each hormone (which is anti-inflammatory per se), synergism between key nutraceuticals such as optimal levels of Vit. D, resveratrol, omega 3 fatty acids, vitamins and minerals and other supplements based on individual needs, integrates naturally To Ozone Therapy as a multi-disciplinary base therapy in Antiaging, for the bioregulatory effect of the cellular Antioxidant Systems, endothelial balance, hormonal regulation and Immune System.

Keywords: Ozone Theraphy, Anti-Aging, hormonal balance, Telomeres, microbiote, Neuroendocrine Theory of Aging.

Plenary lecture.

Results of the Combined Use of Ozone and PRP with a Novel System

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Abstract

Facial Aesthetics enjoys a huge commercial market in every country around the world. To date, chemical peels, laser treatment, the dermal roller and so on have all had a part to play in skin renewal and the quest for a younger looking face and body. Both Ozone and PRP have a role to play in tissue rejuvenation and repair, and when used in conjunction with fillers, new exciting possibilities open to the clinician.

Dr Holmes will showcase a new technology where ozone and PRP or other serum can be combined into a simple, predictable treatment protocol with great results. Dr Holmes will discuss the conversion kit required, and show before and after cases to illustrate this simple technique that can be mastered by any clinician.

Introduction. The purpose of this research was to show the synergistic effects of PRP, ozone and a new skin treatment device.

Methods. Clients were asked to take part in either conventional needling or use of the new device.

Result Discussion: The ease of use and low learning curve with this technology makes it accessible for a wide range of therapists in the beauty industry. The device is easy to set up, use and clean. The combination of PRP and ozone therapy, has resulted in outstanding results.

Keywords: Ozone Therapy, PRP, Aesthetics

Plenary lecture.

Variants of clinical using of ozone therapy using in dermatological out-patient practice

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Abstract

Introduction. Modern methods of medical ozone using in dermatologic practice concludes as systemic application (minor and major autohaemoozone therapy, ozonized saline, rectal insufflation, ozone water per os, intramuscular injections of ozone-oxygen mixture) as local application (ozonid-contained preparations, ozone cameras, intra- and subcutaneous injections).

Methods. Analysis of frequency of ozone therapy methods on out-patient reception of dermatovenereologist and trichologist in condition of consulting room equipped by dermatoscope DermLite, Wood light, trichoscope Aramo-S with ability of microscopy, culture investigations and PCR diagnostic, cryotherapy and radio-wave treatment with "Surgitron" apparatus. Patients consultations were conducted since 01.11.2015 to 01.05.2016 (during 6 months), 213 patients were treated from 1 year to 80 years old, 24.7 year in average. Making diagnosis were following: allergic contact dermatitis (6), drug eruption (1), classic eczema (1), infectious eczema (3), candida eczema (7), dyshydrotic eczema (4), nummular eczema (15), atopic dermatitis (16), Vidal lichen (2), seborrheal dermatitis (19), diabetic food (2), trophic ulcer (1), impetigo (1), secondary staphylostreptodermia (4), folliculitis (1), furunculosis (1), pyogenic granuloma (1), scabies (2), plantar rubromycosis with onychomycosis (10), Candida onychia and paronychia (1), tinea versicolor (4), chickenpox (1), Microsporum canis origin tinea capitis (1), tinea corporis (2), viral exanthema (1), pityriasis rosea (1), superficial vasculitis (1), molluscum contagiosum (5), warts (10), papilloma (6), pointed warts (1), herpes zoster (1), parapsoriasis (1), psoriasis (4), lichen planus (1), onychodystrophy (2), angiokeratoma (3), senile angioma (1), hemangioma (3), seborrheal keratosis (1), acnae vulgaris (12), demodecosis (2), perioral dermatitis (3), rosacea (2), melanocytic nevus (7), Setton nevus (2), linear lichen (1), actinic keratosis (1), light -cell acantoma (1), seborrheal keratosis (1), plane xanthoma (1), lipoma (1), dermatofibroma (1), anetodermia (1), androgenic alopecia (3), alopecia areata (5), traction alopecia (2), diffuse stress-induced alopecia (5), so in diseases structure allergic skin diseases and infection origin skin lesions were prevail. 35 patients (16 %) have been treated with different ozone therapy methods as component complex treatment: as local drugs we used Medozons production, Nizhny Novgorod, Russia. Following methods have been administered: oil 12 000 peroxide value (5), oil 6000 (11), cream 2000 (humifying) (9), cream 2500 (for food skin) (7), cream anti-cellulitis 3000 (1), cream-mask for hair 1500 (3), intravenous infusion of ozonized saline (9), ozone cambers (2), ozonized water drink (5), so more actively used systemic ozone therapy method was ozonized saline in intravenous infusion and ozonized olive oil with peroxide value 6000 and creams 2000 and 2500 as local drugs. 16 from 35 patients (46 %) have been treated with several variants of ozone therapy during treatment course. Distribution of diagnosis in this group was following: plantar rubromycosis with onychomycosis (6), plantar epidermophytia with onychomycosis (1), infectious eczema (4), candidiasis eczema (3), candidiasis onychia and paronychia (3), dyshydrotic eczema (1), classic eczema (1), atopic dermatitis (5), Vidal lichen (1), herpes zoster (1), psoriasis (1), nodulose erythema (1), onychodystrophy (1), diabetic food (2), trophic ulcer (1), androgenetic alopecia, diffuse variant (1), alopecia areata (3). Traditional regimens of ozone treatment for allergic skin diseases and fungal nail infections, but new variants of clinical ozone applications arisen.

Result Discussion: In conclusion, ozone therapy methods were appeared more popular in common skin diseases in out-patient practice of dermatovenereologist and trichologist.

Keywords: Ozone Therapy, dermatology

Plenary lecture.

Telangiectasia therapy with ozone/oxygen

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Abstract

Introduction: Telangiectasias are small linear superficial blood vessels causing threadlike red-blue lines or patterns on the skin. These patterns form gradually and often in clusters. They're sometimes known as "spider veins" because of their fine and weblike appearance. The causes of telangiectasia are unknown, but researchers think they may be genetic, environmental, or a combination of both. The conventional treatment is to inject the vessels with either hypertonic dextrose solutions or sclerosing chemicals. Both of these treatments are painful and can result in excessive sclerosis, hyperpigmentation, and even ulceration at the treatment site. Ozone/oxygen mixtures are known to cause phlebosclerosis when injected intravenously. This study will evaluate whether an intravenous injection of an ozone/oxygen mixture can result in a successful treatment for telangiectasias with less pain and morbidity.

Methods: Several healthy female subjects with telangiectasias of the lower extremity were selected at random from a medical practice. Age ranged from 32 years to 53 years. The telangetasias were injected using a 30 G, ½ inch needle attached to a 10 mL syringe. Each telangiectasia was injected with a volume of an ozone/oxygen mixture that was sufficient to visually fill up the entire telangiectasia and any connecting telangectasias. The volumes ranged from 5-10 mL per treatment area. The ozone/oxygen mixture was generated using a Sedecal Ozonette. Initially, an ozone concentration of 10 µg/mL was used. Then, according to results higher concentrations were used. The maximum concentration used was 40 µg/mL. Patients were asked to rate pain and any side effects from the treatment. Photographs were taken before the treatment, immediately after the treatment, and 30 days after the treatment.

Result/Discussion: Pain was only noticed when the ozone/oxygen mixture extravasated out of the vein. There were no complications. Maximum improvement occurred with an ozone concentration of 40 µg/mL. All patients were pleased with the results. Ozone/oxygen injection of 40 µg/mL into telangiectasias is a safe, relatively painless, and effective treatment for telangiectasias.

Keywords: Ozone Therapy, Telangiectasias.

Plenary lecture.

Quality Care with Ozone Therapy in the Psoriasis

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Torrevieja

Abstract

PSORIASIS is an inflammatory illness, scaly eritematous, autoimmune of multifactorial cause, of chronic affection in bursts; it appears in the shape of red injuries covered by white scales. The clinical evolution of forty patients with psoriasis is evaluated in all its clinical forms, with independence of sex and age, with treatment by ozonotherapy: immunotherapy with autovaccine of minor autohemotherapy, rectal or intravaginal insufflation; ozonized oil; major autohemotherapy in the severe bursts; ozonated water ingestion; it was not necessary to use O₃ externally, the perilesional injection, of ozone or ozonized growth factors.

Although natural treatments were well tolerated: homeotherapy, or oligo elements, diet (to reduce consumption of milk, sugar and gluten), and occasionally in severe bursts, chemical medication: corticoids, antihistamines, immunosuppressants; retinoids and phototherapy were not necessary.

It was observed: - that the consumption of chemical, aggressive medicines (corticoids, antibiotic, anti-inflammatory, calming, gastroprotective ...) greatly diminishes, diminishing the progressive pharmacological toxicity - that there were no adverse reactions - that the patients improve greatly in their illness, they gain in quality of life, since the intensity and duration of the bursts is much less, and the in between interval between bursts is longer; also depending on the percentage of therapeutic fulfillment on the part of the patient, often determined by his interest level and economic possibilities.

In psoriasis, ozone therapy becomes therapeutical in the first intention, based on common sense, bearing in mind that the need to resort to the "chemical" medicine lowers considerably.

Keywords: Quality care, psoriasis, ozone therapies, immunotherapy, autovaccine, autohemotherapy

Conferencia plenaria.

Calidad Asistencial con Ozonoterapia en la Psoriasis

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Resumen:

La PSORIASIS es una enfermedad inflamatoria, eritemato escamosa, autoinmune de causa multifactorial, de curso crónico en brotes; se presenta en forma de lesiones rojas, cubiertas por escamas blancas.

Se evalúa la evolución clínica de cuarenta pacientes con psoriasis en todas sus formas clínicas, con independencia de sexo y edad, con tratamiento de ozonoterapia: inmunoterapia con autovacuna de autohemoterapia menor, insuflación rectal o intravaginal; aceite ozonizado; autohemoterapia mayor en los brotes severos; ingesta de agua ozonizada; no fueron necesarios el O3 externo-local y la inyección perilesional, de ozono o factores de crecimiento ozonizados.

Si bien se asociaban también tratamientos naturales: homeoterapia, oligoelementos, dieta (reducir consumo de lácteos, azúcar y gluten), y ocasionalmente en brotes severos, medicación química: corticoides, antihistamínicos, inmunosupresores, no fueron necesarios los retinoides y la fototerapia.

Se constató que disminuye considerablemente el consumo de fármacos químicos, agresivos (corticoides, antibióticos, antiinflamatorios, tranquilizantes, gastroprotectores...). reduciéndose la toxicidad farmacológica progresiva que no hubo reacciones adversas que los pacientes mejoran considerablemente su enfermedad, ganan en calidad de vida, pues la intensidad y duración de los brotes es mucho menor, y el intervalo de tiempo entre los mismos cada vez mayor; también dependiendo del grado de cumplimiento terapéutico por parte del paciente, con frecuencia condicionado por su nivel de compromiso y posibilidades económicas.

En psoriasis la ozonoterapia se convierte en terapéutica de primera intención, por sentido común, conllevando que la necesidad de recurrir a la medicina “química” descienda considerablemente.

Palabras clave: Calidad asistencial, psoriasis, ozonoterapia, inmunoterapia, autovacuna, autohemoterapia.

Plenary lecture.

Ozone Therapy in the Management of Cancer-treatment Toxicity

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Support: Ozone therapy studies realized in our institution have been supported for several Grants from: the Fundación Canaria de Investigación y Salud, Canary Islands, Spain (FUNCIS PI 31-98 and FUNCIS PI 02-05), and from the Instituto de Salud Carlos III, Madrid, Spain (INT 07/030, INT 07/172 and PI 10/1485).

Abstract

Introduction and Objectives: The aim of this work is to show the potential beneficial effects of Ozone therapy in the management of some side effects related to cancer treatments.

Material and methods: It will be shown a summary of clinical and preclinical studies about the successful effect of Ozone therapy in different adverse events related with cancer treatments.

Results: Clinical experiences have shown that Ozone therapy can decrease or avoid delay in the commencement of Radiotherapy and Chemotherapy in patients with delayed wound-healing after cancer surgery. These delays could lead to increased risk of tumor relapse.

Clinical studies have shown the success of Ozone therapy to treat different side effects of Radiotherapy, Chemotherapy and related drugs. In our institution, Ozone therapy was used to treat: delayed healing after chemotherapy extravasation, radiation-induced dermatitis, fistula and fibrosis after Chemotherapy, Surgery and Radiotherapy, radiation-induced hematuria, radiation-induced proctitis and radiation-induced brain injury. Other institutions have also described beneficial effects of Ozone therapy in the treatment of mucositis, wound infections or bisphosphonate-related jaw osteonecrosis in cancer patients

Finally, several preclinical studies have shown "protective" effect of Ozone preconditioning against selective toxicity induced by different chemotherapy drugs and radiation. These works suggest potential clinical application to prevent toxicity.

Conclusions: Ozone therapy as adjuvant in Oncology could be useful to avoid delay in the commencement of Radio-Chemotherapy and prevent or treat some side effects of cancer treatments. Several studies support these sentences, although the final demonstration will depend of well addressed clinical trials.

Keywords: Adverse events; Chemotherapy; Ozone therapy; Prophylaxis; Radiation induced; Radiotherapy; Side effects; Toxicity

Conferencia plenaria.

Ozonoterapia en el Manejo de la Toxicidad de los Tratamientos Oncológicos

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Financiación: Varios de los estudios de Ozonoterapia realizados en nuestros centro fueron parcialmente financiados por becas de: la Fundación Canaria de Investigación y Salud, Islas Canarias, España (FUNCIS PI 31-98 y FUNCIS PI 02-05), y del Instituto de Salud Carlos III, Madrid, España (INT 07/030, INT 07/172 y PI 10/1485).

Resumen:

Introducción y Objetivos: El objetivo de este trabajo es mostrar la potencial utilidad de la Ozonoterapia en el manejo de toxicidad relacionada con el tratamiento del cáncer.

Material y Métodos: Se presentarán estudios clínicos y preclínicos mostrando la utilidad de la Ozonoterapia en distintos efectos secundarios a la terapia oncológica.

Resultados: La Ozonoterapia puede evitar o disminuir el retraso en el inicio de la Radioterapia y Quimioterapia en pacientes con retardo de cicatrización tras cirugía oncológica. Estos retrasos podrían aumentar el riesgo de recidiva tumoral. La Ozonoterapia se ha empleado en nuestro centro para tratar pacientes con: retrasos de cicatrización tras extravasación de Quimioterapia, epitelitis pos-Radioterapia, fistulas y fibrosis tras Quimioterapia, Cirugía y Radioterapia, hematuria, rectorragia y toxicidad cerebral inducidas por Radioterapia. Otros centros han mostrado efectos beneficiosos en el tratamiento de mucositis por Quimioterapia, ulceraciones infectadas y osteonecrosis mandibular secundaria al uso de bifosfonatos. Finalmente, un creciente número de estudios preclínicos ha evidenciado un efecto “protector” del pre-acondicionamiento con Ozono contra toxicidad selectiva producida por varios agentes quimioterápicos y contra toxicidad por radioterapia. Estos trabajos sugieren una potencial aplicación clínica en la profilaxis de toxicidad.

Conclusiones: La Ozonoterapia podría ser útil para evitar retrasos en el inicio de Radioterapia o Quimioterapia en pacientes con retardos de cicatrización. Varios estudios han mostrado la utilidad de la Ozonoterapia en el tratamiento y prevención de algunos efectos secundarios de los tratamientos oncológicos. Sin embargo, su verdadera indicación no se establecerá hasta la realización de apropiados ensayos clínicos.

Palabras clave: Efectos adversos; Efectos secundarios; Ozonoterapia; Profilaxis; Quimioterapia; Radioterapia; Toxicidad, Tratamiento del Cáncer.

Plenary lecture.

Ozone Therapy and its Different Applications for the Regeneration of Ulcers and Wounds in Lower Limbs

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Abstract

INTRODUCTION: The Diabetic Foot is one of the complications of diabetes mellitus, defined as the syndrome resulting from the interaction of systemic and environmental factors, which increases the risk of diabetic patients suffering from nerve damage and blood vessel problems in the lower limbs.

In the Roosevelt Hospital in Guatemala, in the first quarter of 2014, 205 patients were treated with Diabetic Foot, 90% were their first consultation and 80 % required some form of lower limb amputation. Ozone therapy and its different applications have many therapeutic effects on ulcers, wounds, improving cellular oxygenation in ischemic tissues, facilitates the transfer of oxygen trapped by oxyhemoglobin and gives it to tissues improving microcirculation, in addition to the bactericidal and fungicidal effect of Ozone due to its high oxidizing power.

OBJECTIVE: To determine the efficacy of ozone therapy in the treatment of diabetic patients with ulcers and lower limb injuries.

METHOD: Prospective, descriptive. **MATERIALS:** 93 diabetic patients who consulted for ulcers or wounds in lower limbs from October 1, 2015 to October 31, 2016, at Mega Medica Private Hospital, Zacapa, Guatemala.

RESULTS: Type II diabetes mellitus was present in 72 %. Population more affected between 45 and 60 years. More frequent female sex 65 %. The healing and regeneration process averaged 10 weeks. The treatment was effective in 92 %.

CONCLUSIONS: The present study demonstrated the effectiveness of ozone therapy in the treatment of diabetic patients with ulcers or wounds, accelerating healing and preventing amputations.

Keywords: Diabetic foot, ulcers, lower limbs, ozone therapy, regeneration.

Conferencia plenaria.

Ozonoterapia y sus Diferentes Aplicaciones para la Regeneración de Ulceras y Heridas en Miembros Inferiores

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Hospital Privado Mega Médica, Zacapa, Guatemala

Resumen:

INTRODUCCIÓN: El Pie Diabético es una de las complicaciones de la diabetes mellitus, definida como el síndrome resultante de la interacción de factores sistémicos y ambientales, que aumenta el riesgo en pacientes diabéticos de padecer lesiones nerviosas y problemas de riego sanguíneo en miembros inferior. En Guatemala en el Hospital Roosevelt en el primer trimestre del año 2014 en el área de cirugía se atendieron 205 pacientes con Pie Diabético, el 90 % era su primera consulta y de estos el 80 % requirió de algún tipo de amputación de miembro inferior.

La ozonoterapia y sus diferentes aplicaciones tiene muchos efectos terapéuticos en ulceras, heridas, mejorando la oxigenación celular en los tejidos isquémicos, facilita la transferencia de oxígeno atrapado por la oxihemoglobina y lo cede a los tejidos mejorando la microcirculación, además del efecto bactericida y fungicida del ozono debido a su alto poder oxidante.

OBJETIVO: Determinar la eficacia de la ozonoterapia en el tratamiento de pacientes diabéticos con ulceras y heridas en miembros inferiores.

METODO: Prospectivo, descriptivo. **MATERIALES:** 93 pacientes diabéticos que consultaron por ulceras o heridas en miembros inferiores del 1 de octubre de 2015 al 31 de octubre de 2016, en Hospital Privado Mega Medica, Zacapa, Guatemala.

RESULTADOS: Diabetes mellitus tipo II se presentó en un 72 %. Población más afectada entre 45 y 60 años. Sexo femenino mas frecuente 65 %. El proceso de curación y regeneración promedio 10 semanas. El tratamiento fue efectivo en el 92 %.

CONCLUSIONES: El presente estudio demostró la eficacia de la ozonoterapia en el tratamiento de pacientes diabéticos con ulceras o heridas, acelerando la curación y previniendo amputaciones.

Palabras clave: Pie diabético, ulceras, miembros inferiores, ozonoterapia, regeneración.

Plenary lecture.

Emergency Ozone Therapy Delivered as Regional Blocks at the Early Surgery Stage. Aspects of Pathogenesis

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Abstract

The study confers information on the principles of delivering medical treatment to the wounded in combat actions and the affected in emergencies in peacetime with limb injuries. At forward stages, the primary surgical treatment with anti-inflammatory blocking of tissues made a basis of operative interventions carried out to fight with traumatic wound infections.

We present pathomorphological peculiarities of the wound process related to lipid peroxidation and antioxidant defense systems. We traverse the historical stage of the conduction anesthesia development in the context of successive practical use of regional ozone therapy. We have developed a way to inject ozone-oxygen mix both into the blood flow regionally and injured tissues locally. We present the results of the wounded and affected people treatment, predominantly at the hospital stage, with the assessment of wound condition dynamics.

Taking into account the increasing growth in resistance of gram-negative and gram-positive flora strains, wound endotoxiosis remains one of the most complex issues in battlefield and emergency medicine. With this understanding in mind, we suggest the use, at early (pre-hospital) stages of medical evacuation, adjuvant ozone therapy delivered as ozone blocks, with a detailed technology description.

Keywords: Emergency regional ozone therapy, forward stages, surgical service, wound toxemia.

Plenary lecture.

The Combined Treatment of Chronic Nonspecific Endometritis with Ozone and Bacteriophage Therapy

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Abstract

Introduction. Chronic inflammation of endometrium is one of the few causes of female fertilization. The need for sanitation of the endometrium is doubtless. The aim of the clinical trial was to ascertain the resources of the ozone therapy and bacteriophage therapy in their combined treatment.

Materials and Methods. Fourteen (40) patients with histologically confirmed chronic nonspecific endometritis have been examined. The above group of patients underwent ozone therapy of intra-uterine instillations (400 mL) with ozonated physiological sodium chloride solution, ozone concentration in ozone/oxygen mixture being 4000-4500 µg/L at generator's outlet. In addition, at the end of ozone procedure polyvalent bacteriophage preparations (4-7 mL-№10) were instilled into uterine cavity. Prior to and following the therapy microbiological, biochemical (lipid peroxidation) and immunological status of the patients was determined.

Results and Discussion. A month of combined treatment yielded the following results – pathological vaginal discharge disappeared, vaginal microbiocenosis normalized and endometrial crops became sterile. Cervical secretions showed the following changes - level of IL-6 decreased by 54.8 %. Conventional therapy did not have any vivid effect on the investigated parameters. Normocenosis improvement was registered in 86 % patients with ozone-plus-bacteriophage therapy compared to 37 % with conventional treatment. We also found the increase in the total antioxidant activity and decrease of intensity of lipid peroxidation of the blood serum.

Conclusion. Combination of ozone and bacteriophage therapy in complex anti-inflammatory treatment was found to produce pronounced clinical, local (sanation of endometrium, normalization of vaginal microflora and immunity indices) and systemic (normalization of lipid peroxidation) effects.

Keywords: ozone therapy, endometritis, inflammation.

Plenary lecture.

Emergency Ozone Therapy Delivered as Regional Blocks at the Early Surgery Stage. Aspects of Pathogenesis

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Abstract

The study confers information on the principles of delivering medical treatment to the wounded in combat actions and the affected in emergencies in peacetime with limb injuries. At forward stages, the primary surgical treatment with anti-inflammatory blocking of tissues made a basis of operative interventions carried out to fight with traumatic wound infections.

We present pathomorphological peculiarities of the wound process related to lipid peroxidation and antioxidant defense systems. We traverse the historical stage of the conduction anesthesia development in the context of successive practical use of regional ozone therapy. We have developed a way to inject ozone-oxygen mix both into the blood flow regionally and injured tissues locally. We present the results of the wounded and affected people treatment, predominantly at the hospital stage, with the assessment of wound condition dynamics.

Taking into account the increasing growth in resistance of gram-negative and gram-positive flora strains, wound endotoxemia remains one of the most complex issues in battlefield and emergency medicine. With this understanding in mind, we suggest the use, at early (pre-hospital) stages of medical evacuation, adjuvant ozone therapy delivered as ozone blocks, with a detailed technology description.

Keywords: Emergency regional ozone therapy, forward stages, surgical service, wound toxemia.

Plenary lecture.

Ozone Therapy in Human Papillomavirus (HPV) Infection

Adriana Schwartz Tapia.

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Abstract

We analyze a study of 30 patients infected with human papillomavirus (HPV) without having spontaneous remission after one year as of the first diagnosis. The samples were collected between October 2014 and February 2017. Cervical swabs were analyzed both HPV genotyping by PCR and Reverse Line Blot, and cervical cytology by Pap testing.

The study was carried out with the objective of verify the efficacy of O2 / O3 alone and in combination with other complementary measures. The patients were divided into two groups. a) **Group O3 + (treated with ozone plus integrative therapy)**: It was treated with intravaginal ozone, ozonated saline solution, micro-immunotherapy and administration IV of GSH, Se, Zinc and VitC. b) **Ozone control group (treated exclusively with ozone)**: It was administered with intravaginal ozone therapy alone. Although the number of patients does not allow a safe conclusion, the group of patients treated with ozone plus integrative therapy presented great advantages compared to the group of patients treated exclusively with ozone.

Positive (negative cytology after 3 months of finishing the therapy)

Group O3 + (patients treated with ozone plus integrative therapy): 16 de 20 => 80.0 %

Ozone control group (patients treated exclusively with ozone): 6 de 10 => 60.0 %

It was shown that the synergy of the ozone therapy with the other treatments was more effective, permanent and harmless than the application of intravaginal ozone alone.

Keywords: Intravaginal ozone, ozonized oil, Human Papilloma Virus, Ozonated Saline Solution, genotype 16, 18, Condiloma Acuminata, ozone therapy, womb cáncer.

Conferencia plenaria.

Ozonoterapia en la Infección por Virus del Papiloma Humano (HPV)

Adriana Schwartz Tapia.

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Resumen:

Se realizó un estudio sobre 30 pacientes infectadas con virus de papiloma humano (HPV por su sigla en inglés), que no habían tenido remisión espontánea al transcurrir un año desde el primer diagnóstico. Las muestras fueron recogidas entre octubre 2014 y febrero 2017. Se analizaron los frotis cervicales tanto por genotipificación del HPV por PCR y Reverse Line Blot, y citología cervical por la prueba de Papanicolaou. El estudio se realizó con el objetivo de comprobar la eficacia del O2/O3 solo y en combinación con otras medidas complementarias. Las pacientes fueron divididas en dos grupos. a) Grupo O3 + I (tratado con ozono más terapia integradora): Fue tratado con ozonoterapia intravaginal, solución salina ozonizada (SSO3) IV, microinmunoterapia oral, Glutación, VitC, Se y Zinc por vía I.V. b) Grupo de control con ozono (tratado solo con ozono): Fue tratado únicamente con ozonoterapia intravaginal. Si bien el número de pacientes no permite unas conclusiones seguras, las pacientes del grupo tratado con ozono más terapia integradora presentaron grandes ventajas comparadas con el grupo tratado solo con ozono

Positivos (citología negativa después de 3 meses de concluir la terapia)

Grupo O3 + I (tratado con ozono más terapia integradora): 16 de 20 => 80,0 %

Grupo de control con ozono (tratado solo con ozono): 6 de 10 => 60,0 %

Se demostró que la sinergia de la terapia del ozono con los otros tratamientos fue más efectiva, permanente e inocua que la aplicación de ozono intravaginal en solitario.

Palabras clave: ozono intravaginal, aceite ozonizado, Virus del Papiloma Humano, Solución Salina Ozonizada, genotipo 16, 18, Condiloma Acuminata, ozonoterapia, cáncer de útero.

Plenary lecture.

Ozolife Softgels[®], New Alternative in the Treatment of *Helicobacter pylori*

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Abstract

There are multiple treatments to eradicate *Helicobacter pylori*. However, the infection caused by it is a problem not yet resolved. According to existing schemes, the resistance rates keep on increasing. Globally, the standard triple therapy has lost the efficacy that had in the past and the sequential therapy is not equally effective on all sites.

For these reasons, we took advantage of the biological effects of ozonated oils and conducted this trial. The experimental design included 158 patients with positive diagnosis for *H. pylori* (Respiratory urease test and Antigen fecal test) and treated them with soft capsules (Ozolife Softgels[®]) made of ozonized sunflower oil with peroxide index of 500 mEqO₂/kg. The softgels were given to the patients 3 times a day for 30 days. At the end of the treatment the diagnosis test was repeated and a new cycle of treatment was performed to patients who continued to have a positive test.

The results of the study in terms of eradication (> 96 %) of *H. pylori* were similar to the efficacy of triple standard antibiotic therapy (~80 %). In addition, it has huge advantages in terms of the absence of collateral symptoms and antimicrobial resistance. Therefore, Ozolife Softgels[®] is considered an alternative in the treatment of *H. pylori* infection and symptoms that accompany it, such as heartburn, chronic gastritis and peptic ulcer.

Keywords: *Helicobacter pylori*, ozonized oils, gastritis, soft capsules.

Conferencia plenaria.

Ozolife Softgels®, Nueva alternativa al Tratamiento del *Helicobacter pylori*

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Resumen:

Son múltiples los tratamientos que existen para la erradicación del *Helicobacter pylori*. No obstante, la infección por el *Helicobacter pylori* es un problema aun no resuelto. Los esquemas existentes presentan tasas de resistencia cada vez más altas. A nivel mundial, la triple terapia estándar ha perdido la eficacia que tenía en el pasado y la terapia secuencial no es igualmente eficaz en todos los sitios.

Con estos antecedentes y aprovechando los efectos biológicos de los aceites ozonizados, realizamos el presente estudio clínico. El diseño experimental incluyó 158 pacientes con diagnóstico positivo para *H. pylori* (test de la ureasa respiratoria y test de antígenos fecales) que fueron tratados con cápsulas blandas (Ozolife Softgels®) de aceite girasol ozonizado con un índice de peróxidos de 500 mEqO₂/kg, 3 veces al día por 30 días. Al final del tratamiento se repitió el test diagnóstico y se realizó un nuevo ciclo de tratamiento a los pacientes que continuaron presentando el test positivo.

Los resultados del estudio en cuanto a erradicación (> 96 %) de *H. pylori* fueron similares a la eficacia de la triple terapia antibiótica habitual (~80 %), sin embargo, tiene enormes ventajas en cuanto a la ausencia de síntomas colaterales y resistencia antimicrobiana, por tanto, consideramos que Ozolife Softgels® constituye una alternativa en el tratamiento de la infección por *H. pylori*, y en síntomas que lo acompañan como la acidez, gastritis crónica, y úlcera péptica.

Palabras clave: *Helicobacter pylori*, aceites ozonizados, gastritis, cápsulas blandas.

Plenary lecture.

Reestablishing the Balance in Oral Cavity

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Abstract

Considering that between 85 % and 90 % of the population older than 35 years present a problem related to the gums, we can catalog periodontal disease as the most prevalent pathology in humans. The evidence links periodontal diseases with increased risk of cardiovascular and endocrine pathologies, such as diabetes or systemic diseases.

The etiopathogenesis of periodontal disease is based on infectious processes to poor hygiene habits, achieving its control and not its solution through the questionable use of chemical and pharmacological products in its treatment. This is a concept that is declining, arising the need to address the imbalances that provoke this oral pathology under a different criterion.

Biologically, the organism is a single functional unit lacking parts, since all are interrelated to each other. Therefore, parodontopathies in general are of multifunctional origin combining factors of bacterial, systemic and mechanical type. Clinically the positive result of medicinal ozone has been demonstrated in the balance, control and solution of periodontitis. In order to demonstrate this in the laboratory, a structural evaluation was performed with fluorescence microscopy of oral mucosal cells.

By means of micronucleus tests, cytologic cell changes in the oral mucosa were analyzed in patients with parodontopathies. Performing studies of cell imagenology, it was determined the significant difference in the cytological findings in the oral mucosa of patients who have been treated with ozone therapy, compared to patients who used conventional treatment.

Keywords: Medical ozone, fluorescence microscopy, tissue regeneration.

Conferencia plenaria.

Restableciendo el Equilibrio en la Cavidad Oral

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Resumen:

Considerando que entre el 85 % a 90 % de la población mayor a 35 años presenta algún problema relacionado con las encías, podemos catalogar a la enfermedad periodontal como la patología más prevalente en el ser humano. Las evidencias vinculan a las enfermedades periodontales con el incremento en el riesgo de sufrir patologías cardiovasculares y endocrinas, como la diabetes o enfermedades sistémicas.

La etiopatogenia de la enfermedad periodontal se fundamenta en procesos infecciosos secundarios a malos hábitos higiénicos, logrando así su control y no su solución mediante el uso cuestionable de productos químicos y farmacológicos en su tratamiento. Este es un concepto que está decayendo, surgiendo la necesidad de abordar los desequilibrios que provocan esta patología oral bajo un criterio diferente.

Biológicamente, el organismo es una sola unidad funcional interrelacionada entre sí. Por lo tanto, las parodontopatías en general son de origen multifuncional combinando factores de tipo bacteriano, sistémico y mecánico. Clínicamente ha sido demostrado el resultado positivo del ozono medicinal en el *equilibrio, control y solución de la periodontitis*. Con el objeto de evidenciarlo en laboratorio, se realizó una evaluación estructural con microscopia por fluorescencia de las células de la mucosa oral

Mediante pruebas de micronucleos se analizaron los cambios celulares citológicos en la mucosa oral en pacientes con parodontopatías. Realizando estudios de imagenología celular, se determinó la diferencia significativa en los hallazgos citológicos en la mucosa oral de pacientes que han sido tratados con ozonoterapia, comparativamente con pacientes que utilizaron el tratamiento convencional.

Palabras clave: ozono medicinal, microscopia por fluorescencia, regeneración tisular.

Plenary lecture.

Cooperation of medical doctors and dentists in the management of chronic diseases: The oral-systemic pathway of chronic inflammation and oxidative stress

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Abstract

Inflammation and oxidative stress are two common factors often found in several chronic diseases such as diabetes and its complications, neurodegenerative diseases, cardiovascular diseases, cancer, rheumatoid arthritis and other autoimmune diseases.

The mouth is a main point-of-entry into the body. Chronic oral infectious diseases and their toxins, mainly periodontal diseases and oral abscesses, might contribute in the systemic chronic inflammatory process and related oxidative stress.

Migration of oral microbes, toxins and immune cells from the oral cavity into the blood stream, as well as the production of pro-inflammatory cytokines, would exacerbate the clinical condition of patients with chronic diseases, and vice versa, an exaggerated systemic inflammatory response might affect the management and treatment of oral diseases.

This two ways route, the oral <==> systemic pathway, is best managed by a close cooperation between medical doctors and dentists. There is an urgent need from ozone therapists and researchers, both MDs and DDS, to undergo clinical studies on this subject in order to offer a holistic approach to the management of chronic diseases, be it systemic and/or oral.

Keywords: Medical ozone, oxidative stress, chronic diseases.

Plenary lecture.

Disruption in dentistry

[Nora Cecilia Bazzano Mastelli](#), DDS

Abstract

Introduction: Until the past Century, dentistry was just a reparative treatment. It didn't took in mind do prevention, nor regeneration. The wish to create a more natural alternative for the permanent implantation of synthetic materials has fostered the development of tissue engineering. As one of the pillars of regenerative medicine, tissue engineering broadens the range of research and clinical application possibilities in dentistry. One of the greatest challenges in dentistry practice is to be able to replace tissues that have been lost through injuries or diseases. One result of this endeavour has been the development in recent decades of science known as Tissue Engineering. It is proposed new therapies involving the regeneration or replacement of tissues or organs with the help of three-dimensional constructs that restore form and function, using the patient's cells (stem cells, or PRP) along with biomaterials and biomolecules. In the case of the regeneration of tissues such as pulp, bone and oral tissue, significant progress has been made, which has, in certain cases, already led to clinical applications.

Objective: the intention is to put in contact the colleagues with the reality in the dental field, no more drilling and filling: regeneration, carry out a bibliographic review about tissue engineering as a pillar of regenerative medicine in dentistry.

Methods: the review covered the period January / Dec 2016. An evaluation conducted by the high impact journals from the Web of Sciences Zotero and papers from UNAM.

Conclusion: Despite the progress in this area, the research spends more time in research, (in certain cases) then to go to the clinic. In the oral field, significant progress has been made, which has been already implemented into the clinical practice. Tissue engineering has lead us to a new field of dentistry: Regenerative Dentistry. The ozone therapy is going to help in good way to this disruptive and modern manner to maintain the oral health.

Keywords: Disruption, tissue engineering, dentistry, biomaterials, scaffolds, nanotechnology, bioactive substances, ozone.

Conferencia plenaria.

Disrupción en Odontología.

[Nora Cecilia Bazzano Mastelli](#), DDS

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Resumen:

Introducción: Hasta el siglo pasado, la odontología fue sólo un tratamiento reparador sin contemplar la prevención, ni la regeneración. Con el deseo de crear alternativas biológicas para la implantación permanente de materiales sintéticos se ha fomentado el desarrollo de la ingeniería tisular. Como uno de los pilares de la medicina regenerativa, la ingeniería de tejidos amplía la gama de posibilidades de investigación y de aplicación clínica en odontología. Uno de los mayores retos en la práctica odontológica es ser capaz de reemplazar los tejidos que se han perdido a través de lesiones o enfermedades. Uno de los resultados de este esfuerzo ha sido el desarrollo en las últimas décadas de una ciencia conocida como Tissue Engineering, que propone nuevas terapias que implican la regeneración o reemplazo de tejidos u órganos por medio de construcciones tridimensionales que restauran la forma y la función, (Células de vapor, o PRP) junto con biomateriales y biomoléculas. En el caso de la regeneración de tejidos como la pulpa, el hueso y la mucosa oral, se han logrado progresos significativos, lo que en algunos casos ya ha llevado a aplicaciones clínicas.

Objetivo: El objetivo es poner en contacto a los colegas con la actualidad en el campo dental, realizar una revisión bibliográfica sobre la ingeniería de tejidos como pilar de la medicina regenerativa en odontología.

Métodos: la revisión abarcó el período junio / diciembre de 2016. Se realizó una evaluación de revistas de alto impacto de la Web de Ciencias Zotero (ISCO3) y documentos de UNAM.

Conclusión: A pesar de los avances en esta área, la investigación ocupa más tiempo en el laboratorio, que en su aplicación clínica. En el campo oral, se han logrado avances significativos que se han logrado llevar a aplicaciones clínicas. La ingeniería de tejidos ha dado lugar a un nuevo campo de la odontología: la odontología regenerativa, y la terapia de ozono van a ayudar de buena manera a esta forma disruptiva y moderna para mantener la salud oral.

Palabras clave: Disrupción, ingeniería de tejidos, odontología, biomateriales, andamios, nano tecnología, sustancias bioactivas, ozono.

Plenary lecture.

Is Ozone Therapy Promising for Dental Implants?

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Abstract

The success of dental implants has been attributed to osseointegration or direct contact of the implant surface and bone. The purpose of this study was to evaluate the effect of ozone therapy on the osseointegration of dental implants inserted in experimental animals as well as in patients received implant supported mandibular overdentures. Eight New Zealand white mature male rabbits were received 16 dental implants inserted in both tibiae, as well as in eight completely edentulous male patients were received mandibular implant overdentures supported by two implants in the canine area. The implants in the right tibiae and in the right canine regions (control group) were inserted by the conventional method. The implants in the left tibiae and left canine regions (test group) were inserted by the conventional method nevertheless; irrigation with ozonized water of 25 µg/mL concentration was applied during the osteotomy procedure. Ozone gas of 60 µg/mL concentration was applied topically in the performed osteotomy sites before the insertion of the implants. After implantation two rabbits were euthanized after two, four, six and eight weeks. The tibiae were dissected from each rabbit and specimens were prepared for histologically and histomorphometric analysis. Clinical and radiographic evaluations were carried out for every patient at the time of loading the prosthesis, then three, six and up to 12 months respectively. Within the limits of this study, the results suggest that the success of osseointegration of the dental implants was achieved in both groups. Moreover, the ozonized group may reveal acceleration of osseointegration, also it may influence bone density in peri-implant interface.

Keywords: Disruption, tissue engineering, dentistry, biomaterials, scaffolds, nanotechnology, bioactive substances, ozone.

Plenary lecture. Dental. Case Report.

A Novel Combination Approach to Ridge Augmentation. Procedure in a Severely Infected Alveolus Prior to Implant. Supported Restorative Treatment: A Case Report

[Michael Gossweiler](#), DDS

Abstract

Background: Acute and chronic odontogenic infections present a significant challenge to effective ridge augmentation procedures prior to dental implant placement. Medical ozone/ oxygen (MOZO) is an anti-infective therapy that has experienced a resurgence in recent years for treating a variety of medical and dental infections. Recent data has suggested that PRF can be used as a barrier membrane in regeneration procedures. This initial report aimed at investigating whether a combination approach of MOZO and PRF (platelet rich fibrin) barrier membrane and freeze dried bone allograft (FDBA) can be a viable option as an alternative approach for augmentation of severely infected alveolus resulting in a large defect.

Material & Methods: A 61-year-old female presented with a complaint of recurrent purulent infections associated with failing endodontic treatment of teeth #'s 23 and 24. MOZO was used pre- and intra-operatively to eliminate the infection and subsequently, FDBA with PRF membrane acting as a barrier were used for regenerative purposes. No antibiotics were used pre-operatively for the treatment of the active infection.

Results: In one patient, MOZO was used to successfully eliminate the pre-existing infection without any antibiotics. Clinical re-entry at four months revealed successful regeneration of alveolar bone with 6mm gain in ridge width and 5 mm in height, enabling the placement of dental implants.

Conclusion: Within the limitation of this study, MOZO has the potential as an adjunct antiinfective therapy combined with the regenerative potential of PRF barrier membrane, providing a novel approach to ridge augmentation in an infected and severely resorbed alveolus.

Keywords: ozone, infection, dental, dental implant, alveolus.

Plenary lecture. Veterinary

Ozonated Saline and Intraperitoneal O₃ in Small Animal Shows Promising Results for an Array of Medical Issues

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Abstract

Subcutaneous fluids are a common delivery in animals by ozonating saline (O₃ saline) many other applications of this oxygenated/O₃ delivery seem to have real medical value. O₃ Saline is given as a subcutaneous fluid, as a lavage to all orifices as well as part of major and minor autohemotherapy. A list of other ways to use this very efficient and effective O₃ treatment. Intraperitoneal IP O₃ injections have been used in animals in research. Evaluating some cases of IPO₃ through evidence of laboratory values and clinical parameters to see if this delivery has merit.

Methods: Saline is placed into a glass Ozone delivery system and ozone is perked into the glassware at 70 µg/mL. The level of O₃ is estimated at about 37 µg/mL saturation in 0.9 % normal saline. The ozone is perked for 30 minutes. The animals used varied in size and many medical conditions. Fluids were delivered mainly through a Subcutaneous drip tubing or by syringe injection. Use of O₃ Saline as an external soaking will also be shown. Intraperitoneal O₃ given to a dog with hepatic cancer, infection and elevated liver enzymes. Major Autohemotherapy with ozonated saline and rectal ozone had been done but by adding the IPO₃ as a gas at 24 µg/mL, the liver cancer reduced in size and liver functions reduced from ALT 5,800 to 125 back to normal. The volume of Ozone gas for this 36 kg Labrador, Shepard, Golden Retriever was initially 210 mL of 24 µg/mL and increased 60 mL each treatment up to 540 mL. The injection was done in the paralumber space with 5 cm ozone resistant 20-gauge catheter without ultrasonic location.

Result: Ozonated saline was given over 10,000 times and the effects have been really outstanding. We will show all the ways it can be utilized to help animal health improve. The use of the O₃ saline as a subcutaneous fluid seems to relieve pain and infection perhaps through its contact with fascia and tissue directly. It is an easy and cost effective way for veterinarians to deliver O₃. Clinical data shows positive changes in laboratory results.

Intraperitoneal O₃ injection of gas has been used experimentally in mice for research purposes. In Brazil and Japan, veterinarians have been experimenting this application in their patients. The case presented will give all the improvements of the laboratory finding and ultrasound results. In veterinary medicine elective euthanasia is done when owners and their doctors have no options. In this case there was no affordable option for a 14+ year dog. His successful results may be able to help others see the potential of IPO₃.

Keywords: ozone, small animals, ozonated saline.

Plenary lecture. Veterinary

Ozone Therapy as A Coadjuvant Treatment in Veterinary Medicine

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Abstract

Introduction and Objectives: Ozone therapy successfully replaces or accompanies other treatment methods in many pathologies that do not progress adequately with the current therapies. The aim of this study was to demonstrate that this treatment method can be included so as to reduce recovery times and costs, and that it even avoids euthanasia in certain cases.

Materials and Methods: A number of animals little or no responsive to conventional therapy are selected. First group: 17 animals with locomotor complaints, e.g., spondyloarthrosis, hip, elbow and knee arthrosis. Second group: 10 animals with liver failure (LF)/renal failure (RF). Third group: 12 animals with oncological conditions, e.g., chondrosarcoma, osteosarcoma, lymphoma, thyroid adenocarcinoma, multiple myeloma, pheochromocytoma, viral papillomatosis. Fourth group: 13 animals with dermatological conditions: Large ulcers. Contact allergy and atopy. Treatment consisted in all cases of conventional therapy plus ozone. First group: Paravertebral infiltration in 100 % of cases. Intra-articular infiltration in 55.5 % of cases. O₃ at 8-15 µg/mL. Second group: (RF), rectal insufflation (RIn) in 60 % of cases, Major AutoHemotherapy (MAH) in 40 % of cases. Liver failure, MAH in 50 %, RIn in 50 %. Third group: Papillomas treated in 100 % of cases with ozonized oil. All other tumors were treated with MAH in 50 % and with RIn in 50 % of cases. Fourth group: Ulcers were treated in 100 % of cases with ozonized water and ozonized oil and with intralesional infiltration at 8 µg/mL as mesotherapy, and, furthermore, 50 % were treated with Ozonized Platelet-Rich Plasma (PRP-O₃). The contact allergy group was treated in 100 % of cases with ozonized oil. The atopic group was treated in 100% of cases with minor AutoHemotherapy (mAH) at a concentration of 25 µg/mL and 50 % with ozonized oil as well.

Results: First group: 76.5 % of the animals had their performance improved and pain decreased in the first 48 h. There was a considerable improvement in the quality of life and life expectancy in 100% of them. Euthanasia could be avoided in 58.85 % of cases. Second group: The RIn group had a decrease in urine creatinine and protein/creatinine rate, lower than normal in terms of time, the good quality of life in those animals that maintained very high parameters being most noteworthy. The LF group had an improvement in blood transaminase (ALAT) values within hours after MAH. Third group: Dogs with papillomas recovered in 100 % of cases and there were no recurrences. There was an average increase in life expectancy of 3.1 % in all the other animals with oncological conditions. The quality of life was higher than expected with conventional treatments. Fourth group: Ulcers healed with an average of 4 applications. Contact allergies resolved in less time than usual. Atopy was improved, with a considerable decrease in pruritus and inflammation/infection. No significant differences were observed in the results when applying either MAH or RIn.

Conclusion: Ozone therapy fills the therapeutic gap in many pathological processes, and in many others, it supports considerably the conventional therapy. In many occasions, it allows treatments to be shorter and the usual costs to be lower, even avoiding euthanasia. Dedicated to all research animals.

Keywords: ozone, small animals, Veterinary Ozone Therapy. Ozone as a coadjuvant therapy.

Conferencia plenaria. Veterinaria

Ozonoterapia como coadyuvante en Medicina Veterinaria

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Resumen:

Introducción y Objetivos. La Ozonoterapia, sustituye o acompaña eficazmente en multitud de patologías que, con las terapias habituales no progresan adecuadamente. El objetivo fue demostrar que se puede incluir esta terapia para reducir tiempos y costes de recuperación e incluso, evitar la eutanasia en algunos casos.

Método y Materiales. Se selecciona un número de animales con poca o nula respuesta a la terapia convencional. Primer grupo. 17 animales con afectación Aparato locomotor: Espondiloartrósis. Artrosis en cadera, codos y rodillas. Segundo grupo. 10 animales con Insuficiencia Hepática (IH)/ I Renal (IRe). Tercer grupo: 12 animales Oncológicos: Condrosarcoma. Osteosarcoma. Linfoma. Adenocarcinoma de tiroides. Mieloma múltiple. Feocromocitoma. Papilomatosis vírica. Cuarto grupo. 13 animales con Afecciones dermatológicas: Úlceras de gran tamaño. Alergia de contacto y Atópicos. El tratamiento en todos los casos, fue el convencional más Ozono. Primer grupo: Infiltración paravertebral el 100%. Infiltración Intraarticular 55,5 %. O₃ entre 8-15 µg/mL. Segundo grupo: (IRe), el 60% Insuflación rectal (IR), el 40 % Autohemoterapia Mayor (AHM). Insuficiencia Hepática, 50% AHM, 50% IR. Tercer grupo: Papilomas tratados 100% con aceite ozonizado. El resto de los tumores 50 % AHM, 50 % IR. Cuarto grupo: Las úlceras fueron tratadas el 100 % con Agua Ozonizada y Aceite ozonizados e infiltración Intralesional 8 µg/mL en forma de mesoterapia y además, el 50 % con Plasma Rico en Plaquetas ozonizado (PRPO3). El grupo de Alergia de contacto se trató el 100% con aceite ozonizado. El de Atópicos el 100% con Auto hemo menor (AHM) concentración 25 µg/mL y el 50% además con Aceite ozonizado.

Resultados. Primer grupo: El 76,5 % mejoró actividad y dolor en las primeras 48 h. El 100 % mejoró su calidad y expectativa de vida considerablemente. El 58,85% evitó la eutanasia. Segundo grupo: El grupo de IRe disminuyó creatinina y relación Proteína/ Creatinina en orina, en tiempo inferior al normal y lo más llamativo fue la buena calidad de vida en los que mantenían parámetros muy elevados. El grupo de IH, mejoró los valores de transaminasa en sangre (ALAT) en horas tras la AHM. Tercer grupo: Los perros con papilomas curaron en un 100 % y no presentaron recidivas. El resto de animales oncológicos multiplicó de media su expectativa de vida en un 3,1 %. La calidad de vida fue superior a la esperada con tratamientos convencionales. Cuarto grupo: Las úlceras curaron con un promedio de 4 aplicaciones. Las Alergias de contacto se resolvieron en menos tiempo del habitual. La Atopia mejoró disminuyendo el prurito y la inflamación/ infección considerablemente. No se apreciaron diferencias significativas en los resultados al aplicar AHM o IR.

Conclusión. La Ozonoterapia llena un vacío terapéutico en muchas patologías y en otras muchas, ayuda de manera considerable a la terapia tradicional. En muchas ocasiones acorta los tratamientos y los costes habituales e incluso evita la eutanasia. Dedicado a todos los animales de experimentación.

Palabras clave: Ozonoterapia veterinaria. Ozono como Coadyuvante, ozono.

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V International Congress of AEPROMO. VI International Congress of IMEOF
 “Better Ozone Therapy with Training, Investigation and Publication”
 Spanish Association of Medical Professionals in Ozone Therapy

Curriculum Vitae

Froylán Alvarado Güémez (MEX)



(Summary)

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Surgeon and Medicine Doctor	Autonomous University of Guadalajara	1978	M.D.
Homeopathic Therapeutic	National Polytechnic Institute, Mexico.	1988	Specialty
Acupuncture and Moxibustion	Traditional Chinese Medicine Institute of Beijing, China	1990	Specialty
Neural Therapy	Autonomous University of Guadalajara	2007	Diplomate
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Other / In-house Training

Seminars / Conferences Books

23 scientific contributions in 50 national and international congress

/ Articles Published

**Board Certifications/Licensures/
 Registrations/ Professional
 Associations**

7 papers in national and international journals., many interviews in newspapers and magazine, Docent papers for Basic, Medium and Advanced Training of Ozone Therapy
 President of Mexican Association of Ozone Therapy (AMOZON), Vice President of IMEOF, Member of ISCO3, Secretary, Vice President and President of Medical Acupuncturists Mexican Association, Member of: National Association for Diagnostic and Treatment of Autoimmune Diseases; Society for Free Radical Biology and Medicine; Member of AEPROMO; Mexican Colleague of Neural Huneke Therapy; and many others
 Director and Professor of 27 Acupuncture Training ; Director and Professor of 20 Ozone Therapy training Program of AMOZON; Director of 8 Workshop on ozone injections for pain management of AMOZON; Director of 11 Ozone Discolisis Trainings;
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 8 Keynotes. Honor Member of the Venezuelan Association of Ozone Therapy. In charge of the organising and scientific comitee of the IV Congress of AMOZON.

Training / Presentations

Given

Scientific Awards

Curriculum Vitae

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(Resumen)

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Categoría Académica(s)	Profesor Titular	Teléfono(s)	+52 (667) 716-9566
Categoría Científica (s)		Lengua materna(s)	Español
Idiomas que domina	Español, Inglés, Chino		
Especialidad	Homeopatía y Medicina Tradicional China		

Entrenamientos y Educación

Nombre de la calificación o especialidad	Institución	Fecha de graduación	Tipo de especialización
Médico Cirujano	Universidad Autónoma de Guadalajara, México	1978	M.D
Esp. en Terapéutica Homeopática	Instituto Politécnico Nacional, México	1988	Especialista
Especialista en Acupuntura y Moxibustión	Universidad Nacional Autónoma de México	1990	Especialista
Diplomado en Terapia Neural	Universidad Autónoma de Guadalajara	2007	Diplomado
Diplomado en Enfermedades Metabólicas, Nutrición y Obesidad	Universidad Nacional Autónoma de México	2009	Diplomado

Otros entrenamientos recibidos Seminarios / Conferencias

80 Cursos de postgrado . 21 conferencias en 50 congresos nacionales e internacionales

Libros / Artículos Publicados

7 publicaciones en revistas nacionales e internacionales; Materiales docentes para los cursos Básicos, Intermedios y Avanzados sobre Ozonoterapia; muchas entrevistas en periódicos y revistas

Asociaciones Profesionales

Presidente de la Asociación Mexicana de Ozonoterapia (AMOZON), Vicepresidente de IMEOF, Miembro del ISCO3, Secretario, Vicepresidente y Presidente de la Asociación Mexicana de Médicos Acupunturistas, Asociación Nacional para el Diagnóstico y Tratamiento de las Enfermedades Autoinmunes, Society for Free Radical Biology and Medicine, Member of AEPROMO; Miembro del Colegio Mexicano de Terapia Neural de Huneke y otras.

Entrenamientos, docencia y cursos Impartidos

Director y Profesor de 27 Cursos de Acupuntura; Director and Profesor of 20 Programas de Entrenamiento en Ozonoterapia de AMOZON. Director de 11 Cursos de Discólisis con Ozono y 8 Cursos de Infiltraciones con Ozono para el dolor; 2 Diplomados de Ozonoterapia, 4 Talleres de Ozonoterapia y 8 Conferencias Magistrales. Profesor invitado en España, Argentina, Cuba y Panamá para ofrecer conferencias sobre Ozonoterapia. Miembro de Honor de la Sociedad Venezolana de Ozonoterapia

Otros aspectos a destacar

Organizador y Presidente de 4 Congresos de AMOZON.

Curriculum Vitae Ivan Alexis Pacheco Cardenas (VEN)

(Resumen)

Oradores AEPROMO-
 AMOZON-ISCO3



Datos Personales

Afiliación (s) Colegio Medico Nueva Esparta.3456

Dirección Profesional (es) Porlamar, Isla de Margarita, Nueva Esparta, Venezuela

Nacionalidad Venezolano

Género Masculino

Títulos(s) (Mr./Ms./Mrs/Dr.) Dr.

Categoría Académica (s) Dr. Prof Titular.

Categoría Científica (s)

Idiomas que domina Ingles y Español

Especialidad Traumatología y Ortopedia

Entrenamientos y Educación Hospital Vargas Ccs Venezuela

**Nombre de la calificación
o especialidad**

Institución

Fecha de graduación

Tipo de especialización

Traumatología y Ortopedia

Universidad de Carabobo

1997

Médico Cirujano

Fecha de Nacimiento

14/05/1968

E-mail

lvapache14@hotmail.com

Skype

lvapache14@hotmail.com

Celular

+00584248673474

Teléfono(s)

+00582954169563

Lengua materna(s)

Español

Additional information

**Otros entrenamientos
recibidos** Traumatología y Ortopedia

Seminarios / Conferencias Conferencista en Pto Vallarta, Congreso Nacional de Fisioterapia y rehabilitación 2011

Libros / Artículos Publicados

**Asociaciones Profesionales /
Consejos editoriales /** Sociedad Venezolana de Ozonoterapia, Sociedad Venezolana de
 Traumatología y Ortopedia

Tribunales IVIC (Instituto Venezolano de Investigaciones Científicas)

**Entrenamientos, docencia y
cursos Impartidos**

Premios Científicos

Otros aspectos a destacar

Curriculum Vitae **Adriana Schwartz Tapia** (SPA)

(Resumen)
 Oradores
AEPROMO

Datos Personales



Afiliación (s)	Clínica Fiorela		
Dirección Profesional (es)	Av. Juan Andrés 60, Local 1 Bajo. 28035, Madrid España		
Nacionalidad		Fecha de Nacimiento	18/12/1954
Género	Femenino	E-mail	adriana@aedpromo.org
Títulos(s) (Mr./Ms./Mrs/Dr.)		Skype	
Categoría Académica (s)	Dr	Celular	
Categoría Científica (s)	MD	Teléfono(s)	0034+913732669
Idiomas que domina	Castellano, Ruso, Inglés, Francés, Portugues.	Lengua materna(s)	Español
Especialidad	MD		
Entrenamientos y Educación			
Nombre de la calificación o especialidad	Universidad Amistad de Los Pueblos. Moscú-URRSS	Fecha de graduación	Tipo de especialización
		1980	MD
Especialidad	Ginecología-Obstetricia	1983	MD
Additional information			
Otros entrenamientos recibidos	Máster en manejo del dolor Homeopatía. Medicina Tradicional China		
Seminarios / Conferencias	Múltiples conferencias, seminarios y cursos tanto a nivel nacional como internacional.		
Libros / Artículos Publicados	Guía para el uso médico del ozono: Fundamentos terapéuticos e Indicaciones. Factores de crecimiento derivado de las plaquetas y sus aplicaciones en medicina regenerativa. Potencialidades del uso del ozono como activador. Revistas Española de ozonoterapia. Vol. 1,nº1, pp. 54-73 2011. Ozonotherapy for inflamatory diseases in female genital organs. Revista Española de Ozonoterapia. Vol.1, pp. 3-xx 2011. Ozono y factores de crecimiento en el tratamiento de la hernia discal y discartrosis de columna lumbar. Revista Española de Ozonoterapia. Vol 3, nº 1, pp. 7-9. 2013. La ozonoterapia y su fundamentación científica. Revista Española de Ozonoterapia. Vol. 2, nº 1, pp. 163-198. 2013. Quintero R., Schwartz A. (2012) Ozonotrapia y legislación. Análisis para su regularización. Revista Española de Ozonoterapia. Vol. 2, nº1, pp. 5-49.		
Asociaciones Profesionales / Consejos editoriales / Tribunales	AEPROMO IMEOF ISCO3		
Entrenamientos, docencia y cursos Impartidos	Codirectora del Curso de Experto en Ozonoterapia Universidad Rey Juan Carlos Madrid. 2014.		

Juan López-Laserna Ruiz (SPA)

Avdal. Gran Capitán, 4.5º-2. Córdoba. 14008. Spain.

957475952-957480018. fax.957490049. lasernar@telefonica.net
www.juanlopezlaserna.es



Experience:

1977-1978 House Physician. Teniente Coronel Noreña. Hospital. Córdoba.
1978–1981 Virgen de La Candelaria Hospital. Tenerife. Resident house Physician in the Orthopaedics Department.
1980. Member of the Service Commission in Reina Sofia University Hospital. Córdoba.
1981-1984 Puerto de La Cruz. Tenerife. Chief of the Orthopaedics Surgery Department.
1982-83 Orthopaedics for the Velásquez–Canarias Basketball
1982-1984 Team Orthopaedics Surgery FREMAP Mutual Society Tenerife
1984-1992. Reina Sofia University Hospital. Córdoba. Specialist in Orthopaedic Surgery Department. Leave on 1992
1992-2012 Chief of the Foot and Ankle Unit. San Juan de Dios Hospital. Córdoba.
1992-1998 Chief of Orthopaedic Surgery in the Madin Mutual Society.
1994-1998 Chief of Orthopaedic Surgery in the Cyclops Mutual Córdoba.

Associations:

Member of SECOT.
Vocal of The Spanish Society for Medicine and Surgery of the Foot and Ankle (up to 2009).
Founder Member of The Spanish Society of Hip Surgery.
Member of the Spanish Biomechanical Society.
Member of SATO.
Member of AEPROMO
Member of Editorial Board of the Journal of the SEMCPT

Conferences and Courses:

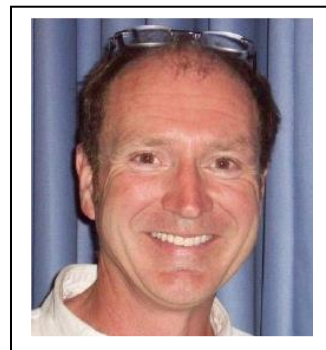
Secretary of the XV Congress of the AEMCPT 1992.
Organizer of 6 courses of infiltration techniques Locomotive.
Course director of I Live Surgery Foot and Ankle. 2004.
Course Director of Foot and Ankle pathology. College of Physicians of Córdoba, 2005.
President of the 28 Congress Hispano-American of the SEMCPT. Córdoba, 2006.
Director of I Course Live Surgery of the Foot. 2009.
Director of I Course Protocol Clinical of Forefoot Pathology. Córdoba, 2010.
President of Congress SIBB 2011.

Publications:

Chapters in books (Biomechanics and Foot Surgery, SECOT Monograph of the foot and ankle, forefoot pathology, etc).
Director of the 4 DVD collection techniques and Ankle Surgery of the foot. Director of DVD Forefoot surgery (Almirall).
Speaker at numerous Congress SEMCPT, SIBB, ACEOOT, etc. More than 40 communications in conferences and journals.

Julian Charles Holmes (ZAF)

Address: 5 Little Kimble. Cnr Avenue & Marie Street. Newlands 7700.
Cape Town. South Africa
Mobile (SA) 0847 224469
Email: <drjulianholmes@gmail.com>



Dr Julian Holmes qualified from Sheffield University in Geography and Archaeology in 1978, and returned to Sheffield Dental & Medical School to read Dentistry in 1980.

After qualifying in 1985 he left to work in Spain and Gibraltar, returning to the UK in 1995 to set up his own Private Dental Care Practice in Berkshire. This was sold in 2004 to concentrate full time on research and lecturing. He has since authored or co-authored over 60 published papers, presented clinical papers & research, trained dentists & doctors, and lectured in most countries around the world at over 200 clinical meetings.

He now lives in South Africa, after coming here to lecture over 20 years ago. He and his wife have a home in Newlands, Cape Town.

Dr Holmes acts as Clinical Director to Asanti-Pihani Pty and Grey Cell Enterprises CC. He is the current President of the International Association for Ozone in Healthcare & Dentistry and Scientific Officer to the Ozone Association of South Africa. Previous to that, Dr Holmes worked part-time as a dentist in the UK and Ireland, with teaching and training responsibilities for new dentists. He is a Member of the South African Association of Integrative Medicine, and the South African Natural Healers Association.

He has designed dental equipment for GCE, Ozi-Cure and Lime Technologies, as well as acting as Clinical Advisor and Clinical Director of these companies. Dr Holmes researched and wrote the Clinical Protocols for the HealOzone (KaVo), as well as the CE Certification & Clinical Protocols for the Ozi-Cure (O3, South Africa), the CMU3 (Lime Technologies, Ireland, SA, UK) and the CMU4 (Grey Cell Enterprises CC SA).

He holds two patents in South Africa; the patent filing reference numbers are: 2005/4328 entitled DRESSINGS; and 2005/3776 entitled GAS-LIQUID CONTACTOR in South Africa. He has registered a number of Trade Names and Marks, and is involved in providing access to low cost health care using natural local products in the South African disadvantaged communities.

He has a number of studies currently running, looking at the effects of ozonated liquids in dental disease control, HIV and skin conditions. In 2006 a pilot study in Africa showed effective treatment for HIV with ozonated plant oils, and this has been expanded to a 40-subject HIV study in Cape Flats, Cape Town. This study started February 2014, and will report in April 2014. A 200-Subject HIV study is being formulated with interested parties in KZN that is estimated to start in June 2014, reporting in September 2014.

Curriculum Vitae **Nora Bazzano Mastelli (ARG)**

(Summary)

Speakers AEPROMO-
 AMOZON-ISCO3



Personal information

Affiliation (s)	IAOHD /AMAOO	Date of birth	08/02/41
Professional Address(es)	Rio Papaloapan 15	E-mail	noryce@gmail.com
Nationality	Argentine	Skype	noracecilia.bazzano
Gender	Female	Mobile	+52 55 6009 3290
Title (s) (Mr./Ms./Mrs/Dr.)	Dr.	Telephone(s)	+00 52 55 4752 1156
Academic Degree (s)	Master	Mother tongue(s)	Spanish
Scientific Degree (s)			
Language Proficiency	Spanish/English		
Field of specialization	Dental		

Education and training

Qualification Name	Institution Name	Date of completion	Type
Bachelor of Science	Teacher	1958	Teacher.
Doctor of Medicine	BsAs University Dental School	1964	DDS
Surgical Residency	Residence at Regional hospital	1978	Orthodontist

Additional information

Other / In-house Training

Seminars / Conferences During the the last 15 years seminars and conferences in Argentina, Chile, Uruguay, Cuba and Mexico.

Books / Articles Published Papers in Dental Magazines in Chile and Argentina, and News papers Clarin and Los Andes Arg.

Board Founding Member IAOHD

**Certifications/Licensures/
 Registrations/ Professional
 Associations** AMAOO

Training / Presentations Given At Congress: Cuba, Mexico ; Argentine Univ of BsAS, post grade schools at Santiago Chile , at Viña del Mar School of dentistry

Scientific Awards X PREMIACION MUNDIAL EN SALUD IOCIM 2011 - MEXICO -DF
 X PRIZE TO THE MEDICAL BY ACHIVEMENT FOR A BETTER LIFE (PERU)

Curriculum Vitae Nory Bazzano Mastelli

(Resumen)

Oradores AEPROMO-
 AMOZON-ISCO3

Datos Personales



Afiliación (s)	Odontologa Universidad de Bsas Argentina		
Dirección Profesional (es)	—		
Nacionalidad	Argentina	Fecha de Nacimiento	08/02/41
Género	Femenino	E-mail	noryce@gmail.com
Títulos(s) (Mr./Ms./Mrs/Dr.)	Dra./ DDS	Skype	noracecilia.bazzano
Categoría Académica(s)	Master	Celular	+52 55 60093290
Idiomas que domina	Español	Lengua materna(s)	Español
Especialidad	Ortodoncista /odontopediatra /ozonoterapia		
Entrenamientos y Educación			
Nombre de la calificación o especialidad	Fecha de graduación	Tipo de especialización	
Doctor en odontología y DDS	Facultad de Odontologia de Buenos Aires	1964	Grado Universitario
Especialidad: odontopediatra /ortodoncista	Argentina. DDS EEUU	1980	Jefe de servicio
Maestría: Medicina Natural	HOSPITAL Escuela de C. Rivadacia /Argentina	1982	Miembro del BOARD
Additional information			
Otros entrenamientos recibidos	CURSOS DURANTE 40 AÑOS A DISPOSICION DE: PREVENSION, ORTODONCIA Y ODONTOPEDIATRIA		
Seminarios / Conferencias	DESDE 1990 A LA ACTUALIDAD DICTANTE DE CURSOS Y CONFERENCIAS sobre ozonoterapia		
Libros / Artículos Publicados	PUBLICACIONES EL REVISTA, MAGAZINES ODONTOLOGICOS EN ARGENTINA, CHILE Y URUGUAY		
Asociaciones Profesionales / Consejos editoriales / Tribunales	MIEMBRO FUNDADOR DE IAODH MIEMBRO DE AMAOO.		
Entrenamientos, docencia y cursos Impartidos	Fundadora de GO3 system, dictante de cursos de entrenamiento en Arg. Chile y Uruguay durante los años 2007, 2008, 09,10,11, 12.y parte de 2013		
Premios Científicos	X PREMIACION MUNDIAL EN SALUD IOCIM 2011 - MEXICO -DF PRIZE TO THE MEDICAL BY ACHIVEMENT FOR A BETTER LIFE (PERU)		
Otros aspectos a destacar	Miembro del grupo de investigacion sobre aceites ozonizados en la facultad de agronomia de Mendoza Argentina. Uundadora de "oil therapy ozone " (chile)		

Curriculum Vitae **Gregorio Martínez-Sánchez (CUB)**

(Summary)

Speakers AEPROMO-
 AMOZON-ISCO3



Personal information

Affiliation (s)	Univ. Saint Saint George (Italia)		
Professional Address(es)			
Nationality	Cuban	Date of birth	11/12/1967
Gender	Male	E-mail	gregorcuba@yahoo.it
Title (s) (Mr./Ms./Mrs/Dr.)	Dr.	Skype	gregorcuba
Academic Degree (s)	Senior Professor	Mobile	+39 3333358310
Scientific Degree (s)	Pharm. D., Ph.D.	Telephone(s)	+39 3494314744
Language Proficiency	English, Italian, German	Mother tongue(s)	Spanish
Field of specialization	Oxidative stress, Ozone therapy, Clinical and pre-clinical Pharmacology and Toxicology		

Education and training

Qualification Name	Institution Name	Date of completion	Type
B.Sc. Pharmacy Science	Univ. of Havana, Cuba (with Honors)	1990	B.Sc. Pharm. Dr.
Master in Pharmacology	University of Havana, Cuba	1998	M.Sc.
Dr. in Pharmacy Science	Univ. of Havana, Cuba (with Honors)	2001	Ph.D.

Additional information

Other / In-house Training	27 career related to his specialty with outstanding results
Seminars / Conferences	120 scientific contributions in 94 Cuban and international congress
Books / Articles Published	169 scientific papers: 46 as abstract, 105 as extending manuscripts in international journals, 1 multimedia and 17 books
Board	Cuban Association of Pharmacologists / International Union of Pharmacology
Certifications/Licensures/Registrations/ Professional Associations	Society for Free Radical Biology and Medicine (SFRBM), a constituent member of the International Society for Free Radical Research (ISFRR). August 29, 2005. Cuban Association of Pharmacists / International Pharmaceutical Federation Cuban Association of Toxicologists /Cuban Association of Free Radicals Spanish Association of Professional in Ozone Therapy (AEPROMO) International Scientific Committee of Ozone therapy (ISCO3)
Training / Presentations Given	Tutor of 19 Diploma Projects for Bachelor Degree, 8 for Master degree and 5 for Ph.D. degree. Lectures in Cuba, Italy, Spain, Honduras, Venezuela, Germany and Chile. Post-doctoral training in Univ. of Milan, Italy (2000), in the Center for Research of Antioxidant Therapies (Humboldt grand), Germany (2004) and in the European Center of Oncology Italy, (2006).
Scientific Awards	Cuban Academy of Sciences: Commemorative Currency “XXX Anniversary”. In 1999, 2002, 2004, 2005 and 2006, yearly prize. Prize “Top Scientist 2008” by International Biographical Centre of Cambridge.

Curriculum Vitae **Peretyagin Sergey Petrovich (RUS)**

(Resumen)

Oradores

Datos Personales

Afiliación (s)

Dirección Profesional (es)

Nacionalidad

Género

Títulos(s)

(Mr./Ms./Mrs/Dr.)

Categoría Académica (s)

Categoría Científica (s)

Idiomas que domina

Especialidad

Nombre de la calificación o especialidad

Peretyagin Sergey Petrovich (RUS)



Research Institute of Traumatology and Orthopaedics, Nizhny Novgorod, Russia

603155, Russia, Nizhny Novgorod, Verhne-Volzhska embankment,18

Russian

Fecha de Nacimiento

05. 04. 1946

E-mail

psp_aro@mail.ru

Gorky Medical Institute
 Kazan Medical Institute
 Higher Certifying Commission
 Moscow, Russia

MD 1970. PhD 1976
 Doctor of Medical Sciences
 1991
 Professor 2004

Celular

+ 8 910 391 79 98

Teléfono(s)

+7 831 4 36 25 31

Lengua materna(s)

Russian

pathophysiology, traumatology

Nombre de la calificación o especialidad	Institución	Fecha de graduación	Tipo de especialización
Doctor – House-surgeon of The Burn Center	Research Institute for Traumatology and Orthopedics, Nizhny Novgorod	1970 -1972	
Doctor of regiment	Service in the Soviet Army	1972 -1974	
Research assistant of Department of General Surgery	State University of Mordovi	1974 -1976	
Head Scientific Researcher, Head of Department in The Central Scientific Research Laboratory	State Medical Academy, Nizhny Novgorod	1976 – 1977	
Substitute of Head Doctor in Scientific and Practice Work	State Medical Academy, Nizhny Novgorod	1978 -1987	
Leader of Russian Burn Center. Head Scientific Researcher	Regional Medical Diagnostic Center, Nizhny Novgorod	1987 -1993	
Head of Department of Experimental Medicine	Research Institute for Traumatology and Orthopedics, Nizhny Novgorod	1993 -1997	
	Research Institute for Traumatology and Orthopedics, Nizhny Novgorod	1997- 2010	
		2010- at present	

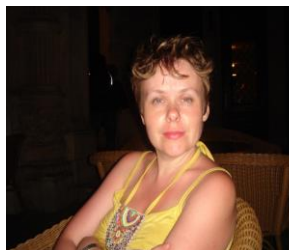
Additional information

In 80 - 90th years was the initiator, the developer of the new scientific directions - technologies of ozone using in medicine, the development and organization of the services of ozone therapy in medical practice, production of ozonizer medical technology, organization, and in conducting nine Russian scientific-practical conference " Ozone in biology and medicine-not" (N. Novgorod city since 1992 to 2013). Since 1994 he organized the educational process in Nizhny Novgorod medical Academy as postgraduate cycle for doctors of "Fundamentals of ozone therapy". For 20 years has trained more than 1500 specialists of ozone therapy. Are a member of the problem Commission "Thermal destruction" of the scientific Council of the Russian Federation, a member of the specialized dissertation on Board D 212.117.08 at the Mordovian state University, President of the Association of Russian ozone therapy Association headed the scientific-methodical Council. Publish activity is more than 200 publications, the author of the scientific discovery, have 17 patents. Miembro titular de la Academia Internacional de Autores de Descubrimientos Científicos e Invenciones miembro de pleno derecho de la Academia Europea de Ciencias

Curriculum Vitae Bitkina Oksana Anatolievna (RUS)

(Resumen)

Oradores



Datos Personales

Afiliación (s)

Dirección Profesional (es) 603600 Department of Dermato-venereology of Nizhny Novgorod State Medical Academy. h.49, Kovalichinskaya street, Nizhny Novgorod, Russia

Nacionalidad RUSA

Fecha de Nacimiento 11/ Aug/1968

Género Femenino

E-mail @

Títulos(s) (Mr./Ms./Mrs/Dr.)

Skype

Categoría Académica (s) Profesor titular

Celular (910)3823945

Categoría Científica (s) M.Sc., Ph.D.

Teléfono(s) (8314) 4 35 00 02,
work. (8314)382582

Idiomas que domina Russian, English

Lengua materna(s) Russian

Especialidad MD Dermatologist

Entrenamientos y Educación

**Nombre de la calificación
o especialidad**

Fecha de graduación

Tipo de especialización

Additional information Ph.D. Thesis “Scientific rationale of ozone treatment of rosácea and acne”

Seminarios / Conferencias

Participation in international conferences:

12th World Congress “Ozone in medicine”, 1995, Lille, France;
 Zalzburg medical seminar “Infectious diseases”, April 2003, Zalzburg, Austria;
 Symposium “Manfaat Terapy Ozon” 12 June 2004 Jakarta, Indonesia
 IV National Acupuncture congress, Sofia, October 18-21, 2007
 1st International Congress of ozone therapy federation, 16-19.10.2008, Mexico, Mexico
 AEPROMO Congress “New horizons of ozone therapy”, Pontevedra, Spain, June 2009
 International Meeting of Ozone Therapy Schools.-3-5.06.2010, Madrid, Spain
 Internship AAF 1-25.07.2008 Vena, Division of Infectious Diseases, Allergy and Immunology, Department of Dermatology. Supervisor – Pr. G. Stingl
 Training course for ozone therapists, Tryavna, Bulgaria, August, 2007

Libros / Artículos Publicados

74

Entrenamientos, docencia y cursos Impartidos

Docent (Associate Professor) of Department of Dermatovenereology since 1993.

Curriculum Vitae Mercedes Hernández Avilés (SPA)

(Resumen)

Oradores AEPROMO-
 AMOZON-ISCO3



Datos Personales

Afiliación (s)	Clínica Veterinaria DRAMP		
Dirección Profesional (es)	C/ Juan XXIII 69- Araganda del Rey- Madrid- España		
Nacionalidad	Española	Fecha de Nacimiento	01/ 06/ 55
Género	Femenino	E-mail	bertaviles@gmail.com
Títulos(s) (Mr./Ms./Mrs/Dr.)	Veterinaria	Skype	
Categoría Académica (s)	Licenciada	Celular	+0034667522440
Categoría Científica (s)	..	Teléfono(s)	+0034918716617
Idiomas que domina	Francés Medio, Inglés básico	Lengua materna(s)	Español
Especialidad	Veterinaria clínica. Especialista en pequeños animales.		
Entrenamientos y Educación			
Nombre de la calificación o especialidad	Institución	Fecha de graduación	Tipo de especialización
Medicina Veterinaria	Universidad Complutense	1985	Licenciatura
Additional information			
Otros entrenamientos recibidos	Cursos de Etología, Parasitología, Endocrinología, Cirugía, Dermatología, Hematología, PRP, Acupuntura, Ozonoterapia. Desde 1985 hasta la actualidad.		
Seminarios / Conferencias	Asistencia a casi todos los Congresos de AMVAC desde el año 1985. Seminarios de Medicina Interna. Cirugía. Endocrinología. Dermatología y Etología, todos los años desde 1985. Ozonoterapia desde 2011		
Libros / Artículos Publicados	Artículo publicado en la Revista Española de Ozonoterapia.		
Asociaciones Profesionales / Consejos editoriales /	AMVAC. AVEPA. AEPROMO SEOT		
Entrenamientos, docencia y cursos Impartidos	Primer curso de Ozonoterapia en la Facultad de Veterinaria de Madrid. 2013 Curso de Ozonoterapia en la Facultad de Veterinaria de la Universidad Cardenal Herrera –CEU de Valencia 2013 Ponencia en el Tercer Congreso de AEPROMO en junio de 2012		
Premios Científicos	Reconocimiento por la ponencia en el Tercer Congreso de AEPROMO de 2012		

Curriculum Vitae

Victor R. Pereyra (ARG)

(Resumen)

Oradores



Datos Personales

Afiliación (s)	Unidad de ozonoterapia Fundación Matera Tandil Argentina- Hospital Ramón Santamarina		
Dirección Profesional (es)	Hospital Italiano Chacabuco 353 Tandil Palacios 3200 Tandil		
Nacionalidad		Fecha de Nacimiento	08/06/54
Género	MASCULINO	E-mail	drpereyav@hotmail.com
Títulos(s) (Mr./Ms./Mrs/Dr.)	Doctor en Medicina	Skype	
Categoría Académica (s)		Celular	+54-0249-154636349
Categoría Científica (s)		Teléfono(s)	+54-0249-4421293
Idiomas que domina	Castellano, ingles	Lengua materna(s)	italiana
Especialidad	Dr en medicina especialista en neurocirugía Especialista en cirugía de columna vertebral		

Entrenamientos y Educación

Nombre de la calificación o especialidad	Institución	Fecha de graduación	Tipo de especialización
Dr en medicina	Universidad de la plata	1979	Medico
Especialista en neurocirugía	Univ. de buenos aires	1989	Nerocirujano.
Especialista en cirugía de columna vertebral	Asociación Arg. de neurocirugía	2012	Especialista en cirugía raquimedular

Additional information

Otros entrenamientos	Curso de postgrado en ozonoterapia facultad de medicina buenos aires 2009
Seminarios / Conferencias	Ozonoterapia en zona de penumbra del ataque cerebrovascular isquémico octubre 2013
Asociaciones Profesionales / Consejos editoriales / Tribunales	Miembro de la asociación argentina de neurocirugía Miembro de la federación latinoamericana de sociedades de neurocirugía (Flanc) Miembro de la World federation of neurosurgical societies (wfns) Miembro de la sociedad de neurocirugía de la provincia de Buenos aires Miembro de la sociedad interamericana de cirugía de columna minimamente invasiva Miembro de la asociación médica Argentina de oxígeno-ozonoterapia (AMAOO) Miembro del comité científico argentino de ozono oxígeno terapia
Entrenamientos, docencia y cursos Impartidos	Internacional Journal of ozone therapy ozone in penumbra of ischemic cerebro vascular attacks
Premios Científicos	Mención de honor congreso internacional de medicina ozonoterapia fundación santiago cruz.
Otros aspectos a destacar	Director del hospital militar Tandil por superior resolución 1990-1997

V International Congress of AEPROMO. VI International Congress of IMEOF
 “Better Ozone Therapy with Training, Investigation and Publication”
 Spanish Association of Medical Professionals in Ozone Therapy

Curriculum Vitae Arzu Irban (TUR)



(Summary)
 Speakers AEPROMO-ISCO3

Personal information

Affiliation (s)	Medipol University Turkish Ministry of Health Scientific Committee of Complementary and Alternative Medicine		
Professional Address(es)	Medipol Mega University Hospital Algology Clinic TEM avrupa otoyolu cikisi Bagcilar, Istanbul, Turkey		
Nationality	TR	Date of birth	27/10/1972
Gender	Female	E-mail	arzu.irban@yahoo.com
Title (s) (Mr./Ms./Mrs./Dr.)	Dr	Skype	
Academic Degree (s)	Associated Prof.	Mobile	+90 532 641 73 34
Scientific Degree (s)	M.D., D.E.S.A.	Telephone(s)	+90 212 460 77 78
Language Proficiency	Advanced	Mother tongue(s)	Turkish
Field of specialization	Anesthesiologist, Pain Specialist, Ozone therapist		
Education and training			
Qualification Name	Institution Name	Date of completion	Type
Dr.	Istanbul University, Turkey	1996	M.D.
Anesthesiologist	Marmara University, Turkey	2002	Specialist
Pain Specialist	Harvard Medical Faculty, USA	2009	Specialist
European Board	Hospital Le Paz, Madrid	2011	Specialist
Other / In-house Training	Ozone and Medicine, Odesa, Ukraine, 2012, Spinal cord Stimulators, Leiden University, Holland, 2014		
Seminars / Conferences	Organized by her: 6, Invited lectures: 8 International, 14 national		
Books / Articles Published	61 articles		
Board Certifications/Licensures/ Registrations/ Professional Associations	ASA, IASP, SPA, ESA, IARS, SNACC, FEAPA M.D., Istanbul University School of Medicine, Cerrahpasa Medical Faculty (Instr. Lang. English), 1996, Anesthesiologist, Marmara University, Anesthesiology, 2002, Pain specialist, Turkish Ministry of Health, 2011, Awake craniotomy, Erasmus Medical College, Holland, Principals & Practice of Pain Medicine, Harvard Medical School, USA, 2009, European Board of Anesthesiology, Reanimation and Algology, 2011, Ozone and Medicine, Odesa, Ukraine, 2012, Spinal cord Stimulators, Leiden University, Holland, 2014 Board.		
Training / Presentations Given	Tutor. Lectures. Training		
Scientific Awards	1. Purskhe Neuroanesthesiology Prize, 2009, 2. Best Free Paper Presentation awarded by Regional Anesthesia Society, 2013		
Additional information	Other relevant aspects. Note that this abstract of the CV do not overstep 1 page.		

Curriculum Vitae **Dario Apuzzo (ITA)**

(Summary)

ISCO3



Personal information

Affiliation (s)	Salute OK – Medicina è Benessere		
Professional Address(es)	Via Benedetto Rogacci 2 – 00153 Rome (Italy)		
Nationality	Italian	Date of birth	28/09/1966
Gender	Male	E-mail	darioapuzzo@saluteok.it
Title (s) (Mr./Ms./Mrs/Dr.)	Dr.		
Academic Degree (s)	Senior Professor	Mobile	+39 339.1433611
Scientific Degree (s)	Ph.D.	Telephone(s)	+ 39 06.5041847
Language Proficiency	English	Mother tongue(s)	Italian
Field of specialization	M.D. in PHYSICAL AND REHABILITATION MEDICINE		
Education and training			
Qualification Name	Institution Name	Date of completion	Type
B.Sc. Medicine and Surgery	Univ. of Tor Vergata Rome	1992	B.Sc.
Dr. in Phys. and Rehabilitation Med.	Univ. of Tor Vergata Rome	1996	Ph.D.

Additional information

Other / In-house Training 24 yrs career related to his specialty with outstanding results

Seminars / Conferences Organizer of the first International Congress A.I.R.O. in Rome in November 2015. Many scientific contributions in Italian congresses such as Intensive Workshop in OOT in Naples, and A.I.R.O. congress “Salute e Finanza” in Frosinone (RM) and international congress such as the III Iberoamerican Congress of Oxygen-Ozonotherapy in Rio de Janeiro.

Books / Articles Published “Functional Neurology April-June 2014” and “SPINE 1 June 2009 – Volume 34 – Issue 13 – pp 1337-1344” as extending manuscripts in international journals.

Board President (current) and founder of A.I.R.O. Accademia Internazionale Ricerca Ossigeno-Ozono Terapia
Certifications/Licensures/ President and founder of SIRE Società Internazionale Riabilitazione Estetica
Registrations/ Professional National Responsible for Rehabilitation of SIOOT Società Italiana Ossigeno Ozono
Associations Member of Board of Directors of SIOOT Società Italiana Ossigeno Ozono

Training / Presentations Tutor for 8 Master Degree, Lectures in many Italian universities such as Pavia, Padova, Unimeier Brescia, Sapienza di
Given Roma, Luiss Roma and also in Brazil for ABOZ.
 Post-doctoral training in CAF Sapienza di Roma, Scientific Coordinator of CAF Sapienza di Roma, Master II level in Oxygen Ozone Therapy in University Unimeier Brescia.

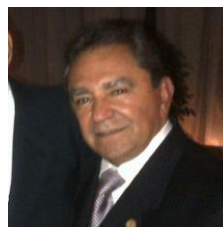
Additional information First President then currently Scientific Director of Salute Ok – Medicina è Benessere.

Curriculum Vitae

José Germán Medina (VEN)

(Summary) ISCO3

Traumatólogo Ortopedista
 Especializado en Cirugía de
 La Columna Vertebral y
 Lesiones del Deporte.
 Prof. Titular de la UCV y
 Magister Scientiarum en
 Salud Pública.
 Ex Jefe de Servicio de
 Traumatología Hosp. Vargas



Personal information

Affiliation (s)

Miembro de AEPROMO y AVEPROMO Presidente Honorario Fundador. Fundador de la SOVOTy Secretario de la SOVOT (Sociedad Venezolana de Ozonoterapia)

Professional Address(es)

Centro Medico Loira. El Paraiso. Ave. Loira 6to Piso. Consultorio 609 Caracas. Venezuela

Nationality

Venezolano

Date of birth

12-07-56

Gender

Male

E-mail

drjgmedina@gmail.com

Title (s) (Mr./Ms./Mrs/Dr.)

Dr.

Skype

drjgmedina

Academic Degree (s)

Professor

Mobile

+58 414 324 7621

Scientific Degree (s)

M.Sc., Ph.D.

Telephone(s)

+58 212 2561768

Language Proficiency

ingles

Mother tongue(s)

español

Field of specialization

Traumatología y Ortopedia. Cirugía de la Columna Vertebral. Lesiones del Deporte

Education and training

Universitaria. Docente Universitario. Investigación Universitaria.

Qualification Name	Institution Name	Date of completion	Type
M.D.	Univ. Central de Venezuela UCV	1976	Medico Cirujano
M.Sc.	UCV Hospital Vargas de Caracas Vzla.	1982	Traumatología y Ortopedia.
M.Sc.	UCV. Escuela de Salud Publica	1980	M.Sc.
Ph.D.	Unver. Birmingham	1990-1993	Ph.D.

Additional information

Other / In-house Training

Docencia Universitaria e Investigación

Seminars / Conferences

Invitado por países extranjeros como Conferencista Expositor a: Colombia, Uruguay, España, Rep. Dominicana, México, Cuba, Brasil, Chile, Argentina, y USA.

Books / Articles Published

Revistas de la SVCOT y de la Facultad de Medicina de la UCV indexadas 35 Artículos Publicados.

Board

AAOS. (Asociación Americana de Cirujanos Ortopédicos) Brithis Orthopedics Association.

Certifications/Licensures/ Registrations/ Professional Associations

Miembro Internacional Adherente
 SVCOT y AVEPROMO

Training / Presentations Given

Más de 200 trabajos presentados y calificador de Trabajos Científicos de la Especialidad

Scientific Awards

4 Premios Científicos Nacionales de Investigación en la especialidad

Additional information

Ex Director General de Hospitales Universitarios de Venezuela
 Oficial retirado de las Fuerzas Armadas Venezolanas grado de Coronel.
 Director Médico de las Selecciones Olímpicas de Venezuela.

Curriculum Vitae **Emmanouil Iliakis (GRC)**

(Summary)

ISCO3



Personal information

Affiliation (s)	Ozonaim clinic	Date of birth	23/06/1956
Professional Address(es)	Efroniou 8 ,11634, Pagrati Athens ,Greece	E-mail	driliakis@hotmail.com
Nationality	Greek	Skype	Iliakis.emmanouil
Gender	Male	Mobile	00306944314959
Title (s) (Mr./Ms./Mrs/Dr.)	Dr.	Telephone(s)	00302107228340
Academic Degree (s)	Orthopaedic Surgeon	Mother tongue(s)	Greek
Scientific Degree (s)	M.D., Ph.D.		
Language Proficiency	Italian, English, French		
Field of specialization	M.D. (medical doctor) and Orthopaedic surgeon, Clinical doctor, Pain therapy, Ozone therapy		
Education and training	President of Greek Scientific Society Oxygen-Ozone therapy (1992)-2016		

Qualification Name	Institution Name	Date of completion	Type
MEDICINE AND SURGERY	Univ. degli Studi di Bologna (I)	1982	M.D.
SPECIALIZATION	Univ. of Athens (GR)	1989	Orthopaedic Surgeon
DR.IN ORTHOPAEDICS	Univ. of Athens (GR)	1995-1999	Ph.D.
EMERGENCY MEDICINE	Post Graduate Studies- Rome (I)	1996	Master
MEDICAL PHYSICS	Accademia di Roma (I)	1997	Honorary Academic
ORTHOPAEDIC	National Technical Univ. Of Athens	2000-2015	Research Fellow
	Evangelismos Hospital, 1° Hospital Ika	1983-2013	Specialization until director

Additional information

Other / In-house Training	More than 50 papers in Greek and International Journals and oral presentations In Official Orthopaedic Greek and International Congresses about Ozone-therapy. Pain Treatment 1990-1992 Bologna (I). Master in Corrective Esthetic Medicine 1995-1997 Roma (I). Courses in Germany, Italy. 62 Congresses
Seminars / Conferences	15 seminars, 48 oral presentations in Greek and 28 in International conferences
Books / Articles Published	Six books, 20 scientific papers, ex Member of editorial board of International Journal of Ozonotherapy
Registrations/ Professional Associations	Greek Orthopaedic Society, Mebro Onorario della Federazione Italiana di Ossigeno-Ozonoterapia, Scientific Society Greek of O-OT.
Training / Presentations Given	Tutor in six (6) research projects
Scientific Awards	2 Masters, Honorary Academic, M.D. ,Ph.D. ,Director of Orthpaedic Clinic, president SGO-OT from 1992
Additional information	Visitor prof Centro Ricerche e Studi post-Universitari di Roma (A.S.A.S. D.M.27-3-1991 c.d. n. 1199YW9) for Corso di Perfezionamento post-Universitario in OSSIGENO-OZONO TERAPIA from 28/11/1997- 28/11/98 and in Master in Ossigeno-Ozono.And others.

Curriculum Vitae

Frank A. Shallenberger (USA)



(Summary)

Speakers AEPROMO-
 AMOZON-ISCO3

Personal information

Affiliation (s)			
Professional Address(es)	1231 Country Club Drive Carson City, NV 89703		
Nationality		Date of birth	
Gender	Male	E-mail	doctor@antiagingmedicine.com
Title (s) (Mr./Ms./Mrs/Dr.)	Dr.	Skype	
Academic Degree (s)		Mobile	+
Scientific Degree (s)		Telephone(s)	+ 001 775-884-3990
Language Proficiency		Mother tongue(s)	English
Field of specialization	MD, HMD		

Education and training

Qualification Name	Institution Name	Date of completion	Type
Bachelor of Science	University of Arizona, Tucson, AZ	1969	B.Sc.
Doctor of Medicine	Univ. of Maryland School of Medicine, Baltimore, MD.	1973	M.D.
Surgical Residency	Mt. Zion Hospital and Medical Center, San Francisco, CA	1973-1974	H.M.D.

Additional information

Other / In-house Training

Seminars / Conferences

Books / Articles Published 8 scientific papers in international journals, 1 book: Book: (2011). The Principles and Application of Ozone Therapy – A Practical Guideline for Physicians. ISBN 13: 9781456413354 ISBN 10: 145641335X

Board Certifications/Licensures/ Registrations/ Professional Associations American Academy of Ozonotherapy (since 2010 president) // Society of Orthomolecular Health Medicine (since 2007 president) // American College for the Advancement of Medicine // American Academy of Anti-Aging Medicine // Nevada State Homeopathic Medical Association // American Preventive Medical Association
 National Board of Medical Examiners // Licensed Medical Doctor, State of Nevada // Licensed Homeopathic Medical Doctor, State of Nevada // Board Certified Diplomat of The American Board of Anti-Aging Medicine.

Training / Presentations Given 1984-1986 Professor Human Nutrition, John F. Kennedy University, Orinda, CA// 1980-1982 Clinical Instructor of Family Medicine, U.C. Davis School of Medicine

Scientific Awards

V International Congress of AEPRIMO. VI International Congress of IMEOF
 “Better Ozone Therapy with Training, Investigation and Publication”
 Spanish Association of Medical Professionals in Ozone Therapy

Curriculum Vitae

Heinz Konrad (BRA)



(Summary)

Speakers AEPRIMO-
 AMOZON-ISCO3

Personal information

Affiliation (s)	Private Medical Office		
Professional Address(es)	Largo Como 330, São Paulo, 04922-130, BRAZIL		
Nationality	German	Date of birth	30/06/1948
Gender	Male	E-mail	hkonrad@terra.com.br
Title (s) (Mr./Ms./Mrs./Dr.)	Dr.	Skype	
Academic Degree (s)		Mobile	+55 11 982599200
Scientific Degree (s)	M.Sc.	Telephone(s)	+55 11 56874918
Language Proficiency	German, English, Portuguese	Mother tongue(s)	German
Field of specialization	M.D.		

Education and training

Residency in General Surgery, Residency in Gynecology and Obstetrics, Specialization Course in Pain Management

Qualification Name	Institution Name	Date of completion	Type
Doctor of Medicine	Santa Casa School of Medicine in Sao Paulo, Brazil. St. Mary's Hospital and Medical Center in San Francisco, California, USA.	1972	M.D.
Master in Medicine	Santa Casa Sch. of Med. in Sao Paulo, Brazil	2003	M.Sc.

Additional information

Books / Articles Published

KONRAD, H. DISTROFIA SIMPATICA REFLEXA, Journal DOR PESQUISA CLINICA E TERAPEUTICA, YEAR 2000; KONRAD, H. BLOCKADE OF THE WALTHER GANGLION, Journal DOR PESQUISA CLINICA E TERAPEUTICA, YEAR 2000; KONRAD, H. . BLOCKADE OF THE WALTHER GANGLION, Journal MEDICINA DE REABILITAÇÃO, YEAR 2000. KONRAD, H. Dor, Fisiopatologia e Tratamento. In: Sergio Lianza. (Org.). Medicina de Reabilitação. 4ªed. Rio de Janeiro, RJ: Editora Guanabara Koogan S.A., 2007, v. , p. 148-160. KONRAD, H. Dor, Fisiopatologia e Tratamento. In: Sergio Lianza. (Org.). Medicina de Reabilitação. 3ªed. Rio de Janeiro, RJ: Editora Guanabara Koogan S.A., 2001, v. , p. 137-150. KONRAD, H. . Reflex Sympathetic Dystrophy. Analgesia, Philadelphia, 2000.

Board Certifications/Licensures/ Registrations/ Professional Associations

Introduced ozone therapy into Brazil in 1975. During 11 years, member of Pain Clinic of Santa Casa de Sao Paulo hospital. Visiting Doctor at the Pain Clinic of the Cook County Hospital, Chicago, USA. Visiting Doctor at the Pain Clinic of the Cleveland Clinic Foundation, Cleveland, USA. Member of IOA – International Ozone Association. Member of German Medical Society for Ozone Therapy. Founding member of ABOZ – Brazilian Ozone Therapy Association. Member of ISCO3 – International Committee of Ozone Therapy. Founding Member of AAOT - American Academy of Ozonotherapy

Scientific Awards

2003 Manoel de Abreu Prize: Celiac Plexus Blockade

Curriculum Vitae Francisco Pedro García López (SPA)

(Resumen)
 Oradores



Datos Personales

Afiliación (s)	Hospital Quirón, Torrevieja (Alicante) --ESPAÑA (Ex Jefe de Servicio de Pediatría, 2000-2015)		
Dirección Profesional (es)	C/. Ramón Gallud 40 , 5º F, Torrevieja (Alicante)-03181		
Nacionalidad	Español	Fecha de Nacimiento	18 /07 /1957
Género	Masculino	E-mail	franciscopedrogl@hotmail.com
Títulos(s) (Mr./Ms./Mrs./Dr.)	Enfermero. Dr. Médico.	Skype	
Categoría Académica (s)	Médico Pediatra Titular	Celular	+34 607 335 763
Categoría Científica (s)	Licenciado.	Teléfono(s)	+34 965 707 449
Idiomas que domina	Francés (elemental)	Lengua materna(s)	Español
Especialidad	Licenciado en Medicina y Cirugía y especialidad de Pediatría y Áreas específicas ("Adolescencia" y "Alergología e Inmunología Clínica Pediátrica")		
Entrenamientos y Educación	Experto en Medicina Homeopática y en Ozonoterapia. Pediatra. Alergólogo. Pediátrico. Homeópata.		
Nombre de la calificación o especialidad	Institución	Fecha de graduación	Tipo de especialización
Enfermería	Universidad de Murcia	1977	Diplomado
Medicina y Cirugía	Universidad de Murcia	1983	Licenciado
Pediatría (Adolescencia)	Universidad de Murcia	1989	Primer grado
Alergología e Inmunol. Clínica Pediátricas	Soc. Españ. de Alergia e Inmuno. Ped. (S.E.I.C.A.P.)	2001	Diploma.
Homeopatía	Colegio Oficial de Médicos de Alicante.	2014	Diploma
Additional information			
Otros entrenamientos recibidos	Ozonoterapias. En Centro Médico CLINALGIA, de Murcia. Formado con el Dr. D. Francisco Javier Hidalgo Tallón.		
Seminarios / Conferencias	Ponente en congresos nacionales e Internacionales, de Pediatría, de Alergología Pediátrica. Realización de conferencias divulgativas de ozonoterapia y pediatría.		
Libros / Artículos Publicados	Publicación de artículos divulgativos en prensa y revistas nacionales.		
Asociaciones Profesionales / Consejos editoriales / Tribunales	-AEPRIMO (2010). -AME (Agrup. Médicos Especialistas), de Torrevieja (1996). Presidente y Fundador de la misma. Asociaciones científicas. Comités editoriales		
Entrenamientos, docencia y cursos Impartidos	Impartición de talleres divulgativos de ozonoterapia, en Clínica Dr. Francisco Pedro de Torrevieja.		
Premios Científicos	Acreditado por el Ministerio de Sanidad y Consumo para poder ejercer como médico en todos los Estados de la Unión Europea (1.994).		
Otros aspectos a destacar	-Fundador de la Unidad de Ozonoterapia en Torrevieja (Alicante), en Clínica Dr. Francisco Pedro. -Fundador y Ex Presidente de la Sede Comarcal de Torrevieja del C.O. de Médicos de Alicante.		

Curriculum Vitae

Miguel Angel Montoya Diaz (MEX)

(Summary)

AEPRIMO



Personal information

Affiliation (s)	Centro Integral de Ozonoterapia Medica		
Professional Address(es)	Angulo # 2767 Circunvalacion Vallarta		
Nationality	Mexican	Date of birth	28/07/59
Gender	Male	E-mail	ozonomontoya3gdl@gmail
Title (s) (Mr./Ms./Mrs/Dr.)	Dr	Skype	Ozonomontoya1
Academic Degree (s)	Senior	Mobile	52-33-3114-9798
Scientific Degree (s)	P.h Dr	Telephone(s)	52-33-3642-1645
Language Proficiency	English	Mother tongue(s)	Spanish
Field of specialization	Dr Medicina / Anesthesiologist		

Education and training

Qualification Name	Institution Name	Date of completion	Type
Facultad de Medicina	Universidad de Guadalajara	1985	Medico Cirujano y Partero
Especialidad	Hospital Civil de Guadalajara	1988	Anesthesiologist

Additional information

Other / In-house Training

Curso Básico de Ozonoterapia C.I.O. Cuba /Discolisis Practica en Cadáveres y simuladores infiltraciones de ozono en clínica del dolor Aepromo Madrid, España/ 8º.Curso de Aplicación de Células Madre y PRP Sociedad Argentina de Medicina Estética Buenos Aires Argentina/Nuevas Técnicas de aplicación de Ozono en Medicina Interna Aepromo Madrid ,España

Seminars / Conferences

None

Books / Articles Published

None

Board

Colegio Médico del Estado de Jalisco

Certifications/Licensures/ Registrations/ Professional Associations

CONACEM

Asociación de Anestesiólogos de Jalisco Colegio Médico A.C.

Curriculum Vitae **Mirna Idalia Pérez Sánchez (MEX)**

(Summary)
 ISCO3



Personal information

Affiliation (s)	Latin American Association of Dentists Ozone therapists (ALADO 3) Spanish Association of Medical Professionals in Ozone therapy (AEPROMO)		
Professional Address(es)	Liberty, 6 East 204 A. Puebla, Mexico.		
Nationality	Mexican	Date of birth	05/12/1964
Gender	Female	E-mail	mirna-idalia@hotmail.com
Title (s) (Mr./Ms./Mrs/Dr.)	Bachelor's degree	Skype	
Academic Degree (s)	Senior Research	Mobile	+52 1 (222)23170279
Scientific Degree (s)		Telephone(s)	+52 1 (222) 8906 706
Language Proficiency		Mother tongue(s)	Spanish
Field of specialization	C.D. Dental Surgeon, Ozone therapist.		

Education and training

Qualification Name	Institution Name	Date of completion	Type
Odontology	Benemérita Univ. Autónoma de Puebla	1997	C.D. Dental Surgeon
Ozone therapy	Ozone therapy Study Center of Mexico	2013	Ozone therapist
Oral Ozone therapy	AEPROMO, Univ. R. Juan Carlos of Madrid, España	2014	Oral Ozone therapist
Training of Ozone therapy dentistry	Dr. Nora Bazzano Mastelli	2015	Ozone therapy of Odontology

Additional information

Other / In-house Training	5 career related to his specialty with outstanding results
Seminars / Conferences	2 scientific contributions in 2 International Congress. 1 scientific contributions in 1 National Congress
Books / Articles Published	
Board	Co-founder and vicepresident of Latin American Association of Dentists Ozone therapists (ALADO 3)
Certifications/Licensures/Registrations/ Professional Associations	Spanish Association of Medical Professionals in Ozone therapy (AEPROMO) Training program for dental procedures in ozone therapy by Dr. Nora Bazzano Mastelli 2014 Applications of ozone in dentistry by AEPROMO 2015. Dental association of Puebla State 2016 Professor of Ozone therapy of Odontology.
Training / Presentations Given	6 International Congress of Dental Surgeon. 5 Conferences of Benemérita Universidad Autónoma de Puebla. 12 Courses of Ozone therapy of Odontology of ALADO 3. Puebla, Mexico.
Scientific Awards	Technolab Foundation. Ozone therapy in the odontology of Habana, Cuba 2015.

Esteban González Sánchez(CUB)

Medical Doctor (Havana, Cuba, 1977). M.D. validate in Spain (1997).
Specialist in Internal Medicine in Cuba (1985).



Tumor board member and Pharmacotherapeutic committee chairman in the Hospital Dr. Gustavo Lima Aldereguía, Cienfuegos, Cuba.

Regional scientific committee member. Professor of Internal Medicine. Professor of Semiology and propaedeutic and chief of the medical staff in the Faculty of Medicine, Cienfuegos, Cuba (1985-1998).

Professional experience in different countries.

Member of AEPRIMO and of the editorial board of the Spanish Journal of Ozone Therapy.

Current position:

Director of Clinicanaria International, specialized center in ozone therapy, Las Palmas (Spain).

Gennady O. Grechkanev (RUS)

Professor of the Department of Obstetrics and Gynecology at Nizhny Novgorod State Medical Academy (NNSMA).

Is the author of more than 200 scientific publications in obstetrics and gynecology. In 2004 he got his MD degree and in 2007 – received the academic title of Professor.

His primary research and clinical interests are up-to-date non-drug treatment methods for obstetrical complications and gynecologic diseases, including Ozonotherapy.

G.O. Grechkanev is a co-author of the monograph “Ozone technologies in obstetrics and gynecology” (2007). He holds 5 patents in the field of Ozonotherapy.

Grechkanev G. O. participated in 6 All-Russian conferences “Ozone and the efferent methods of treatment in medicine” and in 5 World Congresses and international conferences presenting scientific papers.

Under his scientific guidance nine PhD dissertations have been defended and one doctoral thesis is completed.

V International Congress of AEPROMO. VI International Congress of IMEOF
 “Better Ozone Therapy with Training, Investigation and Publication”
 Spanish Association of Medical Professionals in Ozone Therapy

Curriculum Vitae

Michael Gossweiler (USA)

(Summary)

Speakers AEPROMO-ISCO3



Personal information

Affiliation (s)

Private Practice, Adjunct Assistant Professor Indiana University School of Dentistry

Professional Address(es)

Nationality

Date of birth

21/03/1961

Gender

Male

E-mail

drgossweiler@sbcglobal.net

Title (s) (Mr./Ms./Mrs/Dr.)

Dr.

Skype

Academic Degree (s)

D.D.S.

Mobile

+001 317 518 9897

Scientific Degree (s)

Telephone(s)

+001 317 329 9291

Language Proficiency

English, German

Mother tongue(s)

English

Field of specialization

Periodontics

Education and training

Qualification Name

Institution Name

University / College Name

Date of completion

Type

(Degree / Diploma)

Bachelor of Science

Purdue University

1983

B.S.

Doctor of Dental Surgery

Indiana University

1987

D.D.S.

Periodontal Certification

Univ. of Kentucky College of Dentistry

1992

Doctorate of Naturopathic Medicine

American College of Integrative Medicine and Dentistry

2017

N.D.

Additional information

Other / In-house Training

Advanced Dental Ozone Training – American College of Integrative Medicine and Dentistry

Seminars / Conferences

International Academy of Oral Medicine and Toxicology – 2017 Spring Conference Speaker – Autoimmune Aspects of Periodontal Disease

Books / Articles Published

A Novel Combination Approach to Ridge Augmentation Procedure in a Severely Infected Alveolus Prior to Implant Supported Restorative Treatment: A Case Report Himabindu Dukka, Steven Blanchard, John Vanchit, Michael Gossweiler The Journal of Implant & Advanced Clinical Dentistry. 9(1) 6-15, 2017. Development of an oro-antral fistula following sinus elevation surgery: a case report on management using platelet-rich plasma DePoi R; John V; Paez de Mendoza CY; Gossweiler MK. Journal of the Indiana Dental Association. 86(4):10-6, 2007-2008. Papillary squamous cell carcinoma presenting on the gingiva Khan SM; Gossweiler MK; Zunt SL; Edwards MD; Blanchard SB. Journal of Periodontology. 76(12):2316-21, 2005 Dec. Implant treatment planning and rehabilitation of the anterior maxilla: Part 1 John V; Gossweiler M. Journal of the Indiana Dental Association. 80(2):20-4, 2001 Summer. Implant treatment planning and rehabilitation of the anterior maxilla: Part 2: The role of autogenous grafts John V; Gossweiler M. Journal of the Indiana Dental Association. 81(1):33-8, 2002 Spring. Recent advances in non-surgical and surgical periodontics. [Review] [40 refs] John V; Gossweiler M. Journal of the Indiana Dental Association. 81(2):19-24, 2002. Implant treatment and the role of platelet rich plasma John V; Gossweiler M. Journal of the Indiana Dental Association. 82(2):8-13, 2003

Board Certifications/Licensures/ Registrations/ Professional Associations

IAOMT – Educational Board. Indiana State Board Licensure, Integrative Biological Dental Medicine American Academy of Periodontology, American Dental Association, International Academy of Oral Medicine and Toxicology, Indiana Society of Periodontists – Past President

Training / Presentations Given

Regular Didactic Lectures for Undergraduate and Graduate Students at Indiana University School of Dentistry since 2000.

Abstract Book 1th - 3th June, 2017. School of Medicine, Complutense University, Madrid, Spain.

Curriculum Vitae Iman Mohamed Sobhy Matar (EGY)

(Summary)
ISCO3



Personal information

Affiliation (s) I had no particular affiliation

Professional Address(es) 21 Ismaeel Helmy street, petrochemical building 52 5th floor Smouha, Alexandria, Egypt

Nationality Egyptian

Date of birth 8/5/1959

Gender Female

E-mail drimanmatar_3stars@hotmail.com

Title (s) (Mr./Ms./Mrs/Dr.) Dr

Skype -

Academic Degree (s) Lecturer

Mobile +20 100 615 8552

Scientific Degree (s) Ph.D.

Telephone(s) 02034279918

Language Proficiency English

Mother tongue(s) Arabic

Field of specialization Prosthodontics in dentistry

Education and training

Qualification Name

Institution Name
Alexandria University /
Faculty of Dentistry

Date of completion

Type

Bachelor of Dental and Oral Surgery

Alexandria University

1981

B.Sc.

Master Degree in Prosthodontics

Alexandria University

1988

M.Sc.

Doctor Degree in Prosthodontics

Alexandria University

2011

Ph.D.

Additional information

Lecturer in Prosthodontic department Faculty of Dentistry Pharous University in Alexandria (P.U.A.) from 1/2/2012 till now

Other / In-house Training

The AOIA International congress 6-8 April 2016 - Attendance

Seminars / Conferences

Alexandria Dental Syndicate Congress 9-11 December 2015- Attendance 6-8 April 2016

Books / Articles Published

Alexandria Oral Implantology Association 9-11 December 2015

Board

Certifications/Licensures/

Registrations/ Professional

Associations

1-Iman M.S. Matar, Ahlam M. El-Sharkawy Nevein Sh.Mohamed, Mohamad N. Mawsouf.
Clinical and radiographic evaluation the effect of ozone therapy on tissue surrounding implant. Spanish Journal of Ozone Therapy Vol 6, No. 1 May (2016)

2-Iman M.S. Matar, Ahlam M. El-Sharkawy Nevein Sh.Mohamed, Shadia H. Abdel Meguid Mohamad N. Mawsouf. HISTOLOGICAL AND HISTOMORPHOMETRIC EVALUATION OF THE EFFECT OF OZONIZED WATER ON THE OSSEOINTEGRATION OF DENTAL IMPLANTS: AN EXPERIMENTAL STUDY. Egyptian Dental Journal Vol 61, 4799-4809. October (2015)

3-Iman M.S. Matar, Ahlam M. El-Sharkawy, Nevein Mahmoud. Adverse Health Effects of Exposure to Cadmium in Dental Technicians JOURNAL OF INTERNATIONAL ACADEMIC RESEARCH FOR MULTIDISCIPLINARY (JIARM) issn:2320-5083 volume 3 issue 5 June 2015

Training / Presentations Given

"Ozone in dentistry " in the 2nd Alexandria Dental Research Center Congress 'ADRC 'Seeking Perfection

Additional information

Spanish Journal of Ozone Therapy Vol 6, No. 1 May (2016)

Curriculum Vitae

Fadi Sabbah (LBN)

(Summary)

ISCO3



Personal information

Affiliation (s)	Associate, Texas Institute for Advanced Dental Studies (TIADS)		
Professional Address(es)	Labban St, Hamra, Beirut - Lebanon		
Nationality	Lebanese	Date of birth	03/11/1953
Gender	Male	E-mail	fadisabbah@gmail.com
Title (s) (Mr./Ms./Mrs/Dr.)	Dr	Skype	fadisabbahleb
Academic Degree (s)	Doctor in Dental Surgery	Mobile	+961-3-742240
Scientific Degree (s)		Telephone(s)	+961-1-348988
Language Proficiency	English, French	Mother tongue(s)	Arabic
Field of specialization	Dentistry		

Education and training

Qualification Name	Institution Name	Date of completion	Type (Degree / Diploma)
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Universite Libre de Bruxelles	1981	DDS
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Additional information

Other / In-house Training

Certified Level III instructor in Air-Abrasive Micro-Dentistry (TIADS)

Seminars / Conferences

Several meetings related to Minimum Intervention Dentistry, Canada, USA.
 Several meetings related to the use of ozone in medical therapy: Germany, Russia, Austria, Egypt. International Association of Ozone (IOA)

Books / Articles Published

The use of ozone in dentistry. JMD, Vol.3 - Issue2, 2007
 Air Abrasion in Minimum Intervention Dentistry, JMD, Vol.4 – Issue 1, 2008

Board

Certifications/Licensures/ Registrations/ Professional Associations

Lebanese Dental Association
 Associate, Texas Institute for Advanced Dental Studies
 Founding member, IAOHD

Training / Presentations Given

Air-Abrasive Micro-Dentistry™, Pre-Congress Course, Alexandria International Convention, Egypt, 2002. The Use of Ozone in Dentistry: American Medical Technologies (AMT) Micro-Dentistry Congress, Corpus Christy, Texas, USA, April, 2004. Minimally Invasive Dentistry and Ozone: 5th Tripoli-North Lebanon Dental Association meeting, June 8-11, 2006. Minimum Intervention Dentistry and Ozone; Beirut International Dental Meeting 2007, Beirut, Lebanon. Minimum Intervention Dentistry and Ozone, 13th International Egyptian Clinical Dentistry Society (ECDS), February, 1-3, 2008, Cairo, Egypt.
 Ozone in Dentistry, private in-office training: Lebanon – Syria - Spain – Greece – Indonesia – Russia – France. THESIS ADVISOR: Diploma Doctor in Pharmacy; Nada Abdel Rida, Faculty of Pharmacy, Lebanese University, Medical and Therapeutic Applications of Ozone, 2007.

Curriculum Vitae

Vladimir Knyazev Nikolaevich (RUS)

(Summary)
AEPROMO



Personal information

Affiliation (s)	RF Military Clinical Hospital, polyclinic No. 4 (Vodniki), Dolgoprudny, Russia Medical College No. 7, feldsher's emergency department, Moscow, Russia		
Professional Address(es)	Russia, Moscow street Milashenkova 7a, Dolgoprudny street River 22		
Nationality	Russian	Date of birth	03/02/1960
Gender	Male	E-mail	Emma-gizmo@mail.ru
Title (s) (Mr./Ms./Mrs/Dr.)	Mr.	Skype	
Academic Degree (s)	Candidate of Medical Sciences	Mobile	8(919)722-52-94
Scientific Degree (s)	M.D.	Telephone(s)	
Language Proficiency		Mother tongue(s)	Russian
Field of specialization	M.D. (medical doctor) and surgery		

Education and training

Qualification Name	Institution Name	Date of completion	Type
B.Sc. medicine	Military Med. Faculty of the Tomsk Medical Institute	1984	B.Sc. M.D.
Master in medicine	internship of Military surgery №73 in Tashkent	1986	M.Sc. in medicine
Dr. in medicine	Milit. Med. Acad. SM Kirov, St. Petersburg. Russian med. Acad. of postgraduate education State Institute of Improvement of doctors MO RF, the right to practice professional activity in the field of military surgery Candidate of Sciences (Medicine)	1996 2002 2005 2009	Ph.D. Aspect Pathoogenesis of Ozone-Therapy
	Moscow State medico-stomatological University	2015	ID Graduate certificate in the specialty Surgery

Additional information

Seminars / Conferences

Attend to diferent international congress

Books / Articles Published

11

Board Certifications/Licensures/ Registrations/ Professional Associations

Russian society of surgeons (ROCH)
Russia Association of Ozone Therapy (RAO)
Scientific-practical society of doctors of urgent medical aid (NGO VNM)
Russian Association of Specialists in Surgical Infections (RASHI)

Curriculum Vitae **Margo Roman (USA)**

(Summary) AEPROMO



Personal information

Affiliation (s)	MASH Main St Animal Services of Hopkinton		
Professional Address(es)	72 West Main St. Hopkinton ,Massachusetts ,01748		
Nationality	USA	Date of birth	04/30/53
Gender	female	E-mail	MRoman3@aol.com
Title (s) (Mr./Ms./Mrs/Dr.)	Dr	Skype	Margoroman3
Academic Degree (s)	BS,DVM	Mobile	+include international prefix
Scientific Degree (s)	DVM	Telephone(s)	+include international prefix
Language Proficiency	English	Mother tongue(s)	
Field of specialization	Veterinarian Integrative Medicine		
Education and training	Veterinarian, Acupuncture, homeopathy, chiropractic, herbal medicine		
Qualification Name	Institution Name (University / College Name)	Date of completion	Type (Degree / Diploma)
Undergraduate	. Univ. of Florida	1974	AA
Doctor Of Veterinary Medicine	Tuskegee University	1978	BS,DVM
Small Animal Medicine Internship	Angell Memorial Animal Hospital	1979	

Additional information

Other / In-house Training	IVAS Acupuncture training 1975, 2000 . Chiropractic 2001, Ozone AAOT 2005,2009, Herbal Medicine and Homeopathy for many years
Seminars / Conferences	NAVC, Midwest veterinary, Wild West., AVMA, AHVMA, World Ozone congress Rome , AEPROMO , University lectures at over 18 universities , Target Discovery, Cancer Control Society, Frontiers in Ozone Medicine
Books / Articles Published	Contributing author of the Integrating Complementary Medicine into Veterinary Practice Goldstein, Robert, et al. Contributing Author Healer in every Home Linnehan, Begabiti, Roman, Margo, Moore, Shirley. Lectured at Angell Memorial of Micro Biome Restorative Therapy and Ozone Therapy August 2013 <i>Ozone Therapy Used Instead of Antibiotics for Microbiome Restorative Therapy Yields Successful Outcomes for Dogs and Cats with Fecal Transplants</i> , Townsend Letters July 2015 Veterinary Ozone Therapy presented
Board	AHVMA COE
Certifications/Licensures/	DVM,CVA,COT,CPT
Registrations/ Professional	Lisc. in MA, Florida, California . MVMA, AHVMA, IVAS, AVH, HSUSA, AAOT,
Associations	
Training / Presentations	AAOT Veterinary Certification in Ozone therapy. Assisting with IVAS training , CIVT on line teaching
Given	
Scientific Awards	SOPMED Pioneer in Integrative Medicine 2016, AHVMA Out of the ZONE award
Additional information	Married to Jeffrey since 1979, 3 grown kids, 2 poodles 1 Cat and 1 Cockatoo

Curriculum Vitae Bernardino Clavo (SPA)

(Summary)
ISCO3



Personal information

Affiliation (s)	Research Unit, Dep. Radiation Oncology, Chronic Pain Unit.		
Professional Address(es)	Dr. Negrín University Hospital. Barranco la ballena s/n, Las Palmas 35.019, SPAIN		
Nationality	Spanish	Date of birth	25/07/1964
Gender	Male	E-mail	bernardinoclavo@gmail.com
Title (s) (Mr./Ms./Mrs/Dr.)	Dr.	Skype	
Academic Degree (s)	M.D., Ph.D.	Mobile	+
Scientific Degree (s)		Telephone(s)	+34 928449278
Language Proficiency		Mother tongue(s)	Spanish
Field of specialization	M.D. , Radiation Oncologist		
Education and training			
Qualification Name	Institution Name	Date of completion	Type

Grade of Medicine

Univ. Alcalá de Henares, Madrid, Spain

1988

M.D.

Dr. In Medicine

Univ. Autónoma de Madrid, Spain

2004

Ph.D.

Additional information

Other / In-house Training

Training in Radiation Oncologist in Hospital Puerta de Hierro, Madrid, Spain

Seminars / Conferences

Conferences: 28 about ozone therapy, 28 about oncology

Books / Articles Published

Scientific papers in PubMed: 45 (14 about Ozone therapy).
 Chapters in several books about Oncology and Ozone therapy
 Abstracts in International Congress: 81 (around half about Oncology and half about Ozone therapy),
 Abstracts in Spanish National Congress: 94 (most of them about Oncology)

Board

ISCO3

Certifications/Licensures/ Registrations/ Professional Associations

Member of: ASCO, ASTRO, ESTRO, EACR, ASEICA, SEOR, GICOR, SEOT, AEPROMO, ISCO3

Training / Presentations Given

Tutor/Director of 4 Doctoral Theses

Scientific Awards

Most relevant Scientific Awards and Prize

Additional information

Doctoral Thesis was Special Award at the Univ. Autónoma de Madrid, Spain.
 11 research projects from Spanish National Grants (3 as main researcher)
 Main Researcher at the Dr. Negrín Hospital in 5 clinical trials.
 Sponsor and main researcher of 2 registered clinical trials.

Curriculum Vitae Antonio Escamilla Garrido (SPA)

ISCO3

Personal information

Affiliation (s)

Professional Address(es)

Nationality

1Gender

Title (s) (Mr./Ms./Mrs/Dr.)

Academic Degree (s)

Scientific Degree (s)

Language Proficiency

Field of specialization

Education and training

Qualification Name	Institution Name	Date of completion	Type
Licenc. Med. Gral y Cirugia	University of Malaag. MALAGA	1991	Notable
Master Medicina Estetica	Univ. of URJC	2010	Sobresaliente
Especialista Med. Familiar y Comunitaria	Hospital Clinic Universitario Virgen de la Victoria de Malaga	2003	Sobresaliente

Additional information

Books / Articles Published

Board

Certifications/Licensures/ Registrations/ Professional Associations

Training / Presentations Given

Scientific Awards

Cirugia Menor Ambulatoria, control total de la via aerea dificil en el enfermo critico
 SEME, SEMES, SETGRA, AEPROMO, SEMCC, SEMFYC, SELMQ

TUTOR de MIR en Hospital Clinin. Universitary Virgen de la Victoria de Malaga

Stem cells



Date of birth

07/03/1966

E-mail

agendaclinic@gmail.com

Skype

Mobile

+0034670084919

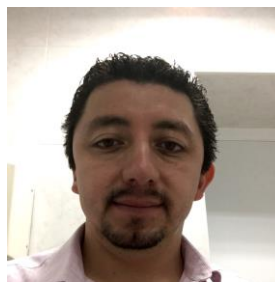
Telephone(s)

+0034091700645

Mother tongue(s)

Curriculum Vitae **Miguel Antonio Mejia López (GTM)**

(Summary)
ISCO3



Personal information

Affiliation (s) Affiliation, use Arial Narrow fonts No.10

Professional Address(es) 207 mega medic second level office building, residential hills zone 2 Zacapa, Guatemala.

Nationality Guatemalan

Date of birth 15/07/1983

Gender Male

E-mail miguelote69@hotmail.com

Title (s) (Mr./Ms./Mrs/Dr.) Masters in General Surgery

Skype miguelote69@hotmail.com

Academic Degree (s) Master

Mobile + 502 42161667

Scientific Degree (s) Master

Telephone(s) +502 79323335

Language Proficiency Spanish

Mother tongue(s)

Field of specialization General Surgery

Education and training Masters in General Surgery and Laparoscopy

Qualification Name

Institution Name

Date of completion

Type

Physician and Surgeon

University of San Carlos of Guatemala

2002 - 2008

Physician and Surgeon in undergraduate degree.

Masters in General Surgery

University of San Carlos of Guatemala

2009 – 2013

Master of General Surgery

Additional information

Other / In-house Training

Diploma in ozonoterapia and mesenchymal stem cells. Morelia Mexico. June 2015.
 Course autologous mesenchymal stem cells and bone marrow. City of Panama. February 2016.
 Intensive course CFCs in ozone & Ulcers. San Pedro Sula Honduras. Abril 2016.
 Intensive course "Ozonotherapy Basic and applied to internal medicine." Madrid Spain. June 2016.
 Ozone intensive course and Aesthetic Medicine. San Pedro Sula Honduras. July 2016

Seminars / Conferences

Poster liver Hamartoma, National Congress of Surgery in Guatemala 2010.

Registrations/ Professional

AEPROMO

Associations

College of Physicians and Surgeons of Guatemala

Training / Presentations Given

Presentation at National Congress of Surgery Guatemala 2011. Topic Conservative management of appendicular plastron.

Scientific Awards

Guatemalan Social Security Institute.

Winner Dr. Gallardo Flores as best work in section Poster, Guatemala National Congress of Surgery Hepatic Hamartoma

2010. Interesting case, Guatemalan Social Security Institute.

Curriculum Vitae Irma Spinola Alcocer, (MEX)

(Summary)
ISCO3



Personal information

Affiliation (s)	Hospital Angeles Lindavista		
Professional Address(es)	Rio Bamba 639. office 310 Col. Magdalena de las Salinas, Mexico City CP07760		
Nationality	Mexican	Date of birth	12/08/1975
Gender	Female	E-mail	ozonoterapia@me.com
Title (s) (Mr./Ms./Mrs/Dr.)	M.D, MBA	Skype	
Academic Degree (s)		Mobile	
Scientific Degree (s)		Telephone(s)	+525553917202
Language Proficiency	English	Mother tongue(s)	Spanish
Field of specialization	M.D. Functional Medicine & AntiAging		

Education and training

Qualification Name	Institution Name	Date of completion	Type
Medical Doctor	Univ. Nacional Autonoma de Mexico	1995-2000	M.D
MSc	Universidad La Salle	2004-2007	M.Sc. in Management in Health Org.

Additional information

Other / In-house Training

OzoneTherapy Expert. Bioidentical Hormone Therapy Replacement expert
 Regenerative Medicine. AntiAging Medicine

Seminars / Conferences

Prothesis "Uses of Ozonotherapy in Orthopedics" Mexico City, IMSS Instituto Mexicano del Seguro Social, Unidad Medica de Alta Especialidad Ortopedia y Traumatologia "Dr Victorio de la Fuente Narvaez, 2012
 Professor Latinamerican International Medical Congress, Medical Spa , AntiAging Medicine "Testosterone Pellet , Bioidentical Hormone Therapy Reepacement , Mexico City, 2015-2016
 Lectures: Professor Academic Seminars HARBOR MEXICO "Introduction to BHRT Bioidentical Hormone Therapy Replacement "2016 – 2017. Professor Academic HARBOR MEXICO "Workshop Pellet Insertion 1-1" Bioidentical Hormone Therapy Replacement 2016, Mexico City. Professor Academic COMPOUNDING WHOLESALERS OF MEXICO, Seminars "Introduction to BHRT Bioidentical Hormone Therapy Replacement 2017. Professor Academic COMPOUNDING WHOLESALERS OF MEXICO,"Workshop Pellet Insertion 1-1" Bioidentical Hormone Therapy Replacement 2017, Mexico City. Professor Academic BIONOURISSO COMPOUNDING PHARMACIES, Seminars "Introduction to BHRT Bioidentical Hormone Therapy Replacement 2017.

Board

Certifications/Licensures/ Registrations/ Professional Associations

AEPROMO Spanish Association of Medical Professionals In Ozone Therapy (Spain). European Cooperation of Medical Ozone Society (Germany). German Medical Association of Ozone Application in Prevention and Therapy(Germany). Federatioze Italiana di Ossigeno-Ozonoterapia (Italy). ADELO Argentine Ozone Association (Argentina). A4M American Academy of AntiAging Medicine (EEUU) IHS, International Hormone Society (Belgium Brussels). WOSAAM , World Society of AntiAging Medicine

V International Congress of AEPROMO. VI International Congress of IMEOF
 “Better Ozone Therapy with Training, Investigation and Publication”
 Spanish Association of Medical Professionals in Ozone Therapy

Curriculum Vitae

Javier Cecilio Céspedes Suárez (CUB)

(Summary)
 AEPROMO / ISCO3



Personal information

Affiliation (s)	Empresa Grupo Céspedes & Santos Limitada. Centro Medico CARDIOZONO		
Professional Address(es)	Urbanización Proyecto Nova Vida, Rua 3 Casa 5, Golf II, Luanda, Angola		
Nationality	Cubana	Date of birth	22/11/1969
Gender	M	E-mail	docj09@gmail.com
Title (s) (Mr./Ms./Mrs./Dr.)	Doctor	Skype	
Academic Degree (s)	Doctor en Medicina	Mobile	+244 936 144447
Scientific Degree (s)	Master en Ciencias	Telephone(s)	+34 654 147889
Language Proficiency	Español	Mother tongue(s)	Español
Field of specialization	Doctor en Medicina. Especialista en Medicina Interna		
Qualification Name	Institution Name	Date of completion	Type
Doctor en medicina	Univ. de C. Medicas de la Habana.	1993	Doctor en Medicina
M.Sc. en Emerg. Med. en At Primaria	Instit. Sup. de C. Méd. de la Habana	2007	Master en Urgencias Médicas
Esp. en Primer Grado en Med.Interna.	Instit. Sup. de C. Médicas de la Habana.	1998	Especialista en Med. Interna .
Especialista en Ozonoterapia	Universidad de Sevilla	2015	Especialista en Ozonoterapia
Additional information			
Other / In-house Training	25		
Seminars / Conferences	12		
Books / Articles Published	2		
Professional Associations	Miembro de la SEOT		
Training / Presentations Given	(last 4 years): Mayo 2016. V Congreso Nacional de la Sociedad Española de Ozonoterapia (SEOT), Córdoba, España. 2014 – 2015. Curso Universitario de Especialista en Ozonoterapia. Universidad de Sevilla, España. Noviembre 2014. III Jornada Internacional de la Sociedad Portuguesa de Ozonoterapia, Portimão, Portugal, Noviembre 2014. Junio 2014. Curso, Nuevas Técnicas de Aplicación del Ozono en Medicina Interna, Madrid, España. Junio 2014. IV Congreso Internacional de la Asociación Española de Profesionales Médico en Ozonoterapia (AEPROMO). Mayo 2014. II Curso Teórico – Práctico de Perfeccionamiento en Ozonoterapia y Dolor, Valencia, España. Enero 2014. IX Congreso Internacional de la Orden de los Médicos de Angola, Luanda, Angola. Noviembre 2013. Curso Online de Medicina en Ecografía Clínica de Formación de Médico Continuada, España. Noviembre 2013. XXV Jornadas de Actualización en Imagen Cardíaca, Barcelona, España. Noviembre 2013. XXXIII Curso de Ecocardiografía y Doppler Cardíaco, Barcelona, España. Octubre 2013. I Seminario Teórico-Práctico de Oxígeno-Ozonoterapia, Salamanca, España. Asociación Científica Española de Aplicación de Oxígeno-Ozonoterapia (ACEOT). Septiembre 2013. IV Congreso Mundial de Oxígeno-Ozonoterapia, Roma, Italia. Junio 2013. IV Congreso Ibero-americano de Ozonoterapia, Valencia, España. Junio 2013. IV Congreso de la Sociedad Española de Ozonoterapia (SEOT), Valencia, España. Junio 2013. II Curso Básico – Teórico y Práctico de Ozonoterapia, Sociedad Española de Ozonoterapia (SEOT), Valencia, España. Abril 2013. Capacitación Intensiva en Ozonoterapia, Asociación Argentina del Ozono, Buenos Aires, Argentina. Marzo 2013. Curso Teórico-Práctico de Ozonoterapia, Medicina Interna y Patología Vascular Periférica, Sociedad Española de Ozonoterapia (SEOT), Valencia, España. Enero 2013. VIII Congreso Internacional de la Orden de los Médicos de Angola, Luanda, Angola.		