

AOSpine Latin America Annual Report 2015

The world comes
to Latin America!

Advancing
spine care
worldwide



Global Spine Congress 2015

The world comes to Latin America!

Over 1200 spine specialists were warmly welcomed in Buenos Aires, Argentina, to take part in the **2015 Global Spine Congress**. The event gathered the most prominent surgeons and researchers in the field and provided participants with a high quality opportunity to exchange knowledge, network, share research results and, above all, improve patient care.

AOSpine—the leading global academic community for innovative education and research in spine care, inspiring lifelong learning and improving patients' lives.

AOSpine Latin America Annual Report 2015

AOSpine Latin America is pleased to once again reach out to all of its members and contributors and share the activities and projects developed throughout 2015. This has been a very fruitful year in which the organization further advanced its educational and research projects, as well as expanded the membership base and continued its strong presence in the region.

In addition to the current projects and activities, AOSLA and the regional community were honored to host the fourth Global Spine Congress in Buenos Aires, Argentina, bringing the event to South America for the first time. The Latin American Faculty and Board members were thrilled to be able to participate closely in the organization of the congress and have the opportunity to welcome surgeons from all around the world over the course of this successful event.

This report encompasses the main achievements accomplished in 2015, featuring data on the different projects and events – with a special highlight given to the Global Spine Congress. The volume is divided into five different sections, which present the corresponding information for each area: Governance, Community Development, Research, Fellowships & Spine Centers and Education. Additionally, this year's annual report presents a special piece on the GSC 2015, offering a full overview of the event, including photos, testimonies and relevant data regarding the congress.

In the following pages of this report, readers will also find information concerning the regional elections, which appointed a new AOSLA Chairperson-Elect and several Country Officers; data about membership development and expansion in the region; news on the Fellowship Program applications and new Spine Centers; updates on research studies, projects and publications; and complete and detailed information regarding all events and educational projects performed in Latin America in 2015.

AOSpine Latin America invites all the members of the community to enjoy the pages of the 2015 Annual Report and hopes each reader is able to recognize their own personal role and contribution to the activities developed in the region.

2015

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Gabriel García
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André Secundino



Chairperson's Word

Dear AOSpine members and friends,

As we are approaching the end of 2015, we would like to share with you our main academic and administrative achievements in the region.

The elections for the positions of AOSLA Chairperson-Elect and Research Officer were successfully conducted at the beginning of the year, appointing Asdrubal Falavigna and José María Jiménez, respectively, to begin their terms last July. Several Country Councils were also renewed, in addition to the creation of the Dominican Republic Council, to whom we wish a prosperous future development. We are looking forward to carrying on our regular visits and online meetings with all Chapters, in accordance with the educational plan arranged for 2016.

The academic activities featured around 50 courses, symposia and seminars, with a total of over 3000 participants. Some of the highlights included the anatomical specimen courses and the online offers, including the Continuing Education Program, which is being adjusted and restructured to provide even more benefits for its participants.

Undeniably, the most relevant academic event in the region was the Global Spine Congress hosted in Buenos Aires in May, which was attended by more than 1200 participants, with 500 participants from Latin America. The congress set a record in terms of submissions, with over 170 abstracts. We hope that this impulse sparked in the region continues to be reflected in the results of the next Global Spine Congress events.

Continuing in the realm of educational offers, the Central America & Caribbean area deserves special attention, having made adjustments to the event structure. The Central American Symposium, which was hosted in Panama this year, was successfully established and will continue to be a rotational activity for the countries in the region. Furthermore, we have been developing new strategies to create new events in different formats and structures in the region in an attempt to make the activities more attractive for all participants, thereby turning them into symbolic events for our region.

Another area with large interest and growth this year was Research, as the work developed over the last few years generated an increase in the number of publications and presentations. The educational activities, both online and face-to-face, will continue to be carried out and developed further through the Officers of each country.

In regard to Community Development, we consolidated our position as the region with the second largest membership numbers and the highest retention rate, which is undoubtedly thanks to the support of all of our members. In addition, we also enlarged the services and benefits offers through our website, with the Surgery Reference, CaseBase and access to international journals deserving a special acknowledgement.

The Fellowships area also registered significant developments, constituting an immensely important offer for young surgeons and residents. The organization has worked emphatically to create more space and new opportunities in the different training centers.

Although there is much more to mention, for example the Faculty or Chairperson Trainings or the changes in the structure at the Curitiba Office, I will leave this task to the respective Officers of each area. I would like to personally, and on behalf of the AOSLA Board, wish everyone a Merry Christmas and a new year filled with health and love.

Sincerely,

Roberto Chapa
Chairperson AOSpine Latin America



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GOVERNANCE

Elections 2015

The elections this year brought with them significant changes at the regional level, with a new AOSpine Latin America Chairperson and Research Officer being elected and several Country Councils being renewed. The election processes ran smoothly throughout the different countries, reinforcing the concept of the democratic participation of all Officers, Delegates and Board members.

Regional Board

The Latin American Board elected two new members this year: the Chairperson-Elect and Research Officer, both of whom began their terms in July 2015. Asdrubal Falavigna (Brazil) was chosen as Chairperson-Elect, leaving the Mexican José María Jiménez as his successor, taking over the position of Research Officer.

AOSpine Latin America is very thankful for the hard work and many contributions of Osmar Moraes as Past Chairperson in the last two years, as well as the effort and dedication of Asdrubal Falavigna as Research Officer from 2012 to 2015.

The AOSLA community wishes Falavigna a successful transition and warmly welcomes Jiménez to the Regional Board.

CHAIRPERSON	CHAIRPERSON-ELECT	EDUCATION NEURO	EDUCATION ORTHO	RESEARCH	COMMUNITY DEVELOPMENT	SPINE CENTERS & FELLOWSHIPS
						
Roberto Chapa Mexico Term starts August 01, 2013 Term ends June 30, 2016	Asdrubal Falavigna Brazil Term starts July 01, 2015 Term ends June 30, 2016	Juan Emmerich Argentina Term starts April 01, 2014 Term ends June 30, 2017	Robert Meves Brazil Term starts August 01, 2013 Term ends June 30, 2016	José María Jiménez Mexico Term starts July 01, 2015 Term ends June 30, 2018	Samuel Pantoja Chile Term starts August 01, 2013 Term ends June 30, 2016	Ratko Yurac Chile Term starts August 01, 2013 Term ends June 30, 2016

Elected in 2015

Country Councils and Delegates

In addition to the changes in the Regional Board, this year also saw the elections of new Officers in the Country Councils of Argentina, Brazil, Chile, Colombia, Costa Rica, Mexico, Peru and Venezuela. AOSLA is also very proud to announce the creation of a new Chapter, in the Dominican Republic, which was made official last September.

Local Chapters

COUNTRY	CHAIRPERSON	EDUCATION—ORTHO	EDUCATION—NEURO	COMMUNITY DEVELOPMENT	RESEARCH
 ARGENTINA	 Marcelo Valacco JAN 2014–DEC 2016	 Cristian Illanes JUN 2014–MAY 2017	 Pablo Jalón OCT 2015–SEP 2018	 Pablo Barbieri OCT 2015–SEP 2018	 Claudio Fernandez OCT 2015–SEP 2018
 BOLIVIA	 Juan Marcelo Sea APR 2014–APR 2017	 Luis Duchén APR 2014–APR 2017	 Marco Paredes APR 2014–APR 2017	 Eddy Antonio Dorado APR 2014–APR 2017	 Fernando Aliaga APR 2014–APR 2017
 BRAZIL	 Albert Brasil OCT 2015–SEP 2018	 Luiz Gustavo da Rocha OCT 2015–SEP 2018	 Roger Brock OCT 2015–SEP 2018	 Marcio Vinhal OCT 2015–SEP 2018	 Nelson Astur Neto OCT 2015–SEP 2018
 CHILE	 Manuel Valencia OCT 2015–SEP 2018	 Mauricio Campos MAR 2014–MAR 2017	 Felipe Rossel OCT 2015–SEP 2018	 Claudio Dintrans NOV 2013–OCT 2016	 Álvaro Silva INTERIM
 COLOMBIA	 Jaime Segura FEB 2014–JAN 2017	 Luis Arango FEB 2014–JAN 2017	 Carlos Ramirez OCT 2015–SEP 2018	 Carlos Carmona OCT 2015–SEP 2018	 Fernando Alvarado OCT 2015–SEP 2018
 COSTA RICA	 Andrés Angulo DEC 2015–NOV 2018	 Alexander Valverde DEC 2015–NOV 2018	 Edgar Jimenez DEC 2015–NOV 2018	 Luis Brenes DEC 2015–NOV 2018	 Esteban Araya DEC 2015–NOV 2018

Elected in 2015

COUNTRY	CHAIRPERSON	EDUCATION–ORTHO	EDUCATION–NEURO	COMMUNITY DEVELOPMENT	RESEARCH
 CUBA	 Ernesto Fleites JUL 2013–JUN 2016	 Enrique De Jongh JUL 2013–JUN 2016	 Nestor Pulido JUL 2013–JUN 2016	 Raul Candebat JUL 2013–JUN 2016	 Carlos Santos JUL 2013–JUN 2016
 DOMINICAN REPUBLIC	 Giovanni Ureña OCT 2015–SEP 2018	 Iohan Fernandez OCT 2015–SEP 2018	 Freddy Flores OCT 2015–SEP 2018	 Piero Perrone OCT 2015–SEP 2018	 Franklin Abreu OCT 2015–SEP 2018
 ECUADOR	 Martha Hernández JAN 2014–DEC 2016	 Marcelo Ochoa JAN 2014–DEC 2016	 José Vasconez JAN 2014–DEC 2016	 Jack Ordoñez JAN 2014–DEC 2016	 Carlos Arias JAN 2014–DEC 2016
 GUATEMALA	 Julio Pozuelos JUL 2014–JUN 2017	 Gabriel Murga JUL 2014–JUN 2017	 Pedro Brol JUL 2014–JUN 2017		
 MEXICO	 Gustavo Casas JAN 2014–DEC 2016	 David Servin OCT 2015–SEP 2018	 Sergio Castillo OCT 2015–SEP 2018	 Barón Zárate OCT 2015–SEP 2018	 Alberto Aceves OCT 2015–SEP 2018
 PANAMA	 Raul Arjona DEC 2013–NOV 2016	 Dionisia Marín DEC 2013–NOV 2016	 Ricardo Bermudez DEC 2013–NOV 2016	 Mitzadi Ordoñez DEC 2013–NOV 2016	
 PERU	 Alfonso Basurco JUL 2014–JUN 2017	 Rene Chirinos JUL 2013–JUN 2016	 Arturo Morales JAN 2012–DEC 2015	 Pedro Soto DEC 2013–NOV 2016	 Shandher Tovar OCT 2015–SEP 2018
 VENEZUELA	 Olga Morillo OCT 2015–SEP 2018	 Jose Duran OCT 2015–SEP 2018	 Marlon Díaz NOV 2013–OCT 2016	 Luis Lara Requena OCT 2015–SEP 2018	 Víctor Dávila INTERIM

Elected in 2015

Delegates

ARGENTINA

Ernesto Bersusky, José Ricardo Prina, Juan Pablo Guyot, Marcelo Gruenberg, Matías Petracchi, Néstor Fiore, Pablo Barbieri, Pedro Bazán, Ramiro Barrera.

BOLIVIA

Gueider Salas, Jaime Linares, Ramiro Villavicencio Aponte, Rene Torrejon.

BRAZIL

Alberto Gotfryd, Alexandre Sadao Iutaka, Carlos Tucci, Délio Martins, Emiliano Vialle, Jerónimo Milano, Luiz Vialle, Osmar Moraes, William Teixeira.

CHILE

Aliro San Martin, Enrique Concha Julio, Roberto Postigo.

COLOMBIA

Andrés Rodríguez Munera, Constanza Bedoya, Jaime Quintero, Mario Herrera, Miguel Berbeo, Néstor Taboada, Pablo Vela.

COSTA RICA

José Pérez-Berrios, Mario Solano Salas.

ECUADOR

Elio Ramirez, Fernando Davalos, Juan Lasso, Gladys Pavon, Mario Zumarraga Velasco.

EL SALVADOR

Ricardo Santamaria Molina.

GUATEMALA

Arturo Guerra, Emy Leal Guerra, Erick Rodas, Juan Pablo De León Palacios.

HONDURAS

Carlos Contreras.

MEXICO

Herman Dittmar, Hernando Cuevas, Jorge Cabrera Escamilla, José Estrada Mastache, Martín Tejada.

NICARAGUA

Manuel Orozco Membreño.

PANAMA

Aldimarina López Guardia, Antonio Mock, José Neira, Ricardo Mosquera.

PARAGUAY

Juan Ramon Silva Figueiredo, Reddy Simón.

PERU

Carlos Cárdenas, Francisco Zambrano Reyna, Marco Medina, Michael Hinojosa.

URUGUAY

Oscar Carreras Scotto, Pablo Pereda.

VENEZUELA

Cesar Covarrubia, José Rafael Otero.

International Board

Following last year's elections, several new International Board members took up their activities in 2015. This year, Daniel Riew officially began his term as the new AOSpine International Chairperson, followed by the colleagues Shanmuganathan Rajasekaran and Klaus Schnake as Research and Community Development Officers, respectively. In addition, the Middle East Board also welcomed Abdulaziz Al-Mutair as the new AOME Chairperson.

At the administrative level, AOSpine welcomed Jayr Bass as the new Executive Director, replacing Alain Baumann.

CHAIRPERSON	PAST CHAIRPERSON	EDUCATION	RESEARCH	COMMUNITY DEVELOPMENT	EXECUTIVE DIRECTOR
 Daniel Riew USA Term starts July 01, 2015 Term ends June 30, 2018	 Jeffrey Wang USA Term starts July 01, 2015 Term ends June 30, 2018	 Michael Grevitt United Kingdom Term starts July 01, 2014 Term ends June 30, 2017	 Shanmuganathan Rajasekaran India Term starts July 01, 2015 Term ends June 30, 2018	 Klaus Schnake Germany Term starts July 01, 2015 Term ends June 30, 2018	 Jayr Bass Switzerland
AOSAP CHAIRPERSON	AOSEU CHAIRPERSON	AOSME CHAIRPERSON	AOSLA CHAIRPERSON	AOSNA CHAIRPERSON	
 Paul Thng Singapore Term starts August 01, 2013 Term ends June 30, 2016	 Claudio Lamartina Italy Term starts August 01, 2013 Term ends June 30, 2016	 Abdulaziz Al-Mutair Kuwait Term starts July 01, 2015 Term ends June 30, 2018	 Roberto Chapa Mexico Term starts August 01, 2013 Term ends June 30, 2016	 Michael Fehlings USA Term starts August 01, 2013 Term ends June 30, 2016	Elected in 2015

Meetings

AOSLA Board Meetings

BOARD MEETING I – BRAZIL

DATE

February 28, 2015

VENUE

**Hotel Renaissance
Sao Paulo, Brazil**

BOARD MEMBERS

**Asdrubal Falavigna, Juan Emmerich, Osmar Moraes,
Ratko Yurac, Robert Meves, Roberto Chapa**

AOSPINE

Antonio Machado, Carlos Montero, Sônia Scussel

GUESTS

Alain Baumann, Carlos Tucci, Luiz Vialle

INDUSTRIAL PARTNER

Gustavo Cristancho

TOPICS DISCUSSED

- Update on AOSpine International and AOFoundation Governance and projects
- Community Development achievements, goals and statistics
- Update on AOSLA Spine Centers
- Outcomes and accomplishments in Research
- Update on Education projects and educational plan
- Changes in rules for AOSLA Governance

BOARD MEETING II – ARGENTINA

DATE

May 20, 2015

VENUE

**Sheraton Hotel & Convention Center
Buenos Aires, Argentina**

BOARD MEMBERS

**Asdrubal Falavigna, Daniel Riew, Jeffrey Wang,
Juan Emmerich, Osmar Moraes, Ratko Yurac,
Robert Meves, Roberto Chapa, Samuel Pantoja**

AOSPINE

**Antonio Machado, Carlos Montero, Paula Vila,
Sônia Scussel**

TOPICS DISCUSSED

- Multidirectional communication plan between Board, Councils and AOSLA Office
- Educational events and clinical meetings
- Faculty improvement
- Programs aimed at residents
- Research network
- Online education
- Marketing and promotion strategies
- Partnerships and cooperation with spine societies

BOARD MEETING III – ARGENTINA

DATE

October 22–24, 2015

VENUE

**Cavas Wine Lodge
Mendoza, Argentina**

BOARD MEMBERS

**Asdrubal Falavigna, Juan Emmerich, Ratko Yurac,
Robert Meves, Roberto Chapa, Samuel Pantoja**

AOSPINE

Antonio Machado, Carlos Montero

TOPICS DISCUSSED

- Educational plan 2017
- Faculty Development
- Spine Center recertification process
- Fellowship Program 2016 and process for 2017
- Social media and regional marketing campaigns
- Next steps for the Education in Research project
- Regional multicenter studies
- Assessment of Council elections 2015

*AOSLA Board
Meeting*



AOSLA Chapter Meetings



AOSLA Board and Chapters

AOSLA COUNTRY COUNCILS MEETING

DATE

May 20, 2015

CITY

Buenos Aires

PARTICIPANTS

Alexander Valverde Retana, Alexandre Sadao, Álvaro Silva, Alfonso Basurco, Asdrubal Falavigna, Daniel Riew, Enrique De Jongh, Gustavo Casas, Jaime Segura, Jeffrey Wang, José Rafael Otero, Juan Emmerich, Juan Marcelo Sea Aramayo, Marcelo Valacco, Osmar Moraes, Ratko Yurac, Raul Arjona, Robert Meves, Roberto Chapa, Samuel Pantoja

AOSPINE

Antonio Machado, Carlos Montero, Paula Vila

BOLIVIA CHAPTER MEETING

DATE

August 13, 2015

CITY

La Paz

PARTICIPANTS

Asdrubal Falavigna, Eddy Antonio Dorado, Fernando Aliaga Rocabado, Juan Marcelo Sea Aramayo, Luis Duchén, Marco Paredes, Roberto Chapa

AOSPINE

Carlos Montero

BRAZIL CHAPTER MEETING I

DATE

February 26, 2015

CITY

Sao Paulo

PARTICIPANTS

Albert Brasil, Alberto Gotfryd, Alexandre Sadao, Délio Martins, Jerônimo Milano, Osmar Moraes, Robert Meves, Roberto Chapa, William Teixeira

AOSPINE

Antonio Machado

INDUSTRIAL PARTNER

Anne Santos

BRAZIL CHAPTER MEETING II

DATE

October 30, 2015

CITY

Sao Paulo

PARTICIPANTS

Albert Brasil, Luiz Gustavo Dal'Oglio da Rocha, Marcio Vinhal de Carvalho, Nelson Astur Neto, Roger Brock

AOSPINE

Carlos Montero

CENTRAL AMERICA & CARIBBEAN
DELEGATES MEETING

DATE

July 30, 2015

CITY

Panama City

PARTICIPANTS

**Alexander Valverde, Asdrubal Falavigna,
Carlos Contreras, Giovanni Ureña, Julio Pozuelos,
Manuel Orozco, Raúl Arjona, Ricardo Santamaria
Molilna, Roberto Chapa**

AOSPINE

Antonio Machado, Sônia Scussel

INDUSTRIAL PARTNER

Cristian Kucharski

COLOMBIA CHAPTER MEETING

DATE

November 05, 2015

CITY

Bogota

PARTICIPANTS

**Carlos Carmona Lourdy, Carlos Ramírez,
Fernando Alvarado Gomez, Jaime Segura,
Luis Arango, Roberto Chapa**

INDUSTRIAL PARTNER

Andrea Ariza, Leonardo Cerón

COSTA RICA CHAPTER MEETING

DATE

October 30, 2015

CITY

San Jose

PARTICIPANTS

**Alexander Valverde, Luis Brenes Rojas,
Mario Solano Salas, Roberto Chapa**

AOSPINE

Antonio Machado

DOMINICAN REPUBLIC CHAPTER MEETING

DATE

September 18, 2015

CITY

Santo Domingo

PARTICIPANTS

**Freddy Flores Lebron,
Giovanni Ureña,
Iohan Fernandez,
Piero Perrone Mora,
Roberto Abreu,
Roberto Chapa**

AOSPINE

Luana Torres*Dominican Republic Chapter Meeting*

MEXICO CHAPTER MEETING

DATE

January 17, 2015

CITY

Mexico City

PARTICIPANTS

**Gustavo Casas, Jorge Cabrera, José María Jiménez,
Oscar Martínez, Roberto Chapa**

INDUSTRIAL PARTNER

Armando Pérez, Silverio Aja

VENEZUELA CHAPTER MEETING

DATE

October 27, 2015

CITY

Maturín

PARTICIPANTS

**José Duran Dautant, Luis Lara Requena,
Olga Morillo, Victor Dávila**



COMMUNITY DEVELOPMENT



Community Development Officer's Word

Dear AOSpine members and friends,

This year, AOSpine held strong in its capacity as the largest international spine community, delivering innovative and high quality education, as well as contributing with an increasing amount of influential research and fostering the training of hundreds of spine surgeons. As always, AOSpine continues to play a leading role in the improvement of spine care around the world.

Our stated aim is to develop and further our privileged position as the largest and most active international spine community, and progressively contribute to the well-being of all of our patients. We know this is only achievable through the active participation of our members, which is why it is of the utmost importance to maintain a robust membership base in the region. AOSpine Latin America not only increased its membership by 12% this year, but it now also comprises approximately 20% of the worldwide community. With over 1300 members in 21 countries, AOSpine Latin America continues to be an important player in our international community. The extraordinary success of the Global Spinal Congress highlighted, in the best possible way, the enthusiasm and eagerness of the Latin American members to contribute to this endeavor!

AOSpine members enjoy a host of benefits: an AOSpine news app, the excellent Global Spine Journal with its @GlobalSpineJ twitter account, discounts on AO books and e-books, videos and webinars from international opinion leaders, our newsletter, and much more. Additionally, the promotion of research through

the allocation of increased support to this area has added even more value to the membership. With the high quality AOSpine meetings remaining as active as ever, we have also increased the participation in non-AO events, which help showcase our community to aspiring spine surgeons.

In 2015, the Community Development strategies have succeeded in improving the retention index of members, and the standardized marketing and communication have strengthened the AOSpine brand.

The team and I thank you for your confidence and look forward to the challenge of leading Community Development in the region with the aim of continuing to make the largest and best spine community even larger and better!

Sincerely,

Samuel Pantoja
AOSpine Latin America
Community Development Officer

Membership

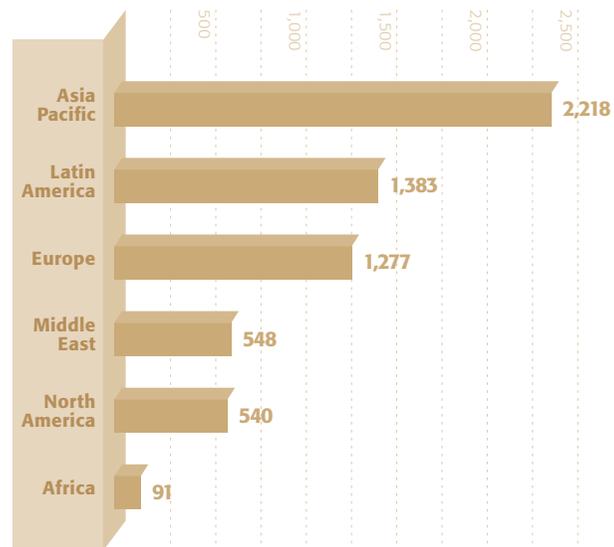
This year was marked by steady trends in membership statistics, featuring small variations in our numbers and maintaining good retention figures. The Community Development work carried out throughout 2015 ensured a very stable year for AOSpine Latin America and guaranteed notable results in our membership rates.

Over 50% of our members have been renewing their memberships each year, showing an increasing tendency in retention rates. This trend is also present in our educational events and congresses, where participants have shown an avid interest in becoming members or renewing their ties with AOSpine through the different membership packages.

The strategy used in 2015 focused on giving surgeons and members more distinctive and customized assistance through increased support in the use of AOSpine’s tools and various benefits. Other ideas used within our membership base also included more practical activities, such as the promotion of draws and discounts for the purchase of books. Furthermore, AOSLA worked on keeping different lines of communication open, such as email marketing campaigns, social media and a constantly updated website, aiming at providing clear and objective information about the different activities.

Global Membership Overview

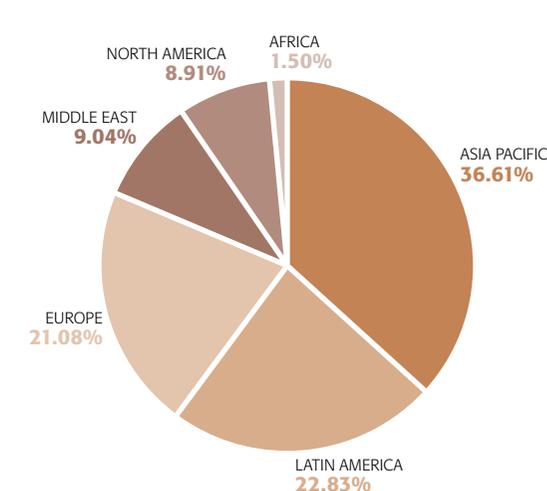
TOTAL NUMBER OF MEMBERS ACCORDING TO REGION



NUMBER OF MEMBERS AND ASSOCIATES ACCORDING TO REGION

REGION	MEMBERS	ASSOCIATES
Asia Pacific	2,218	10,516
Latin America	1,383	6,119
Europe	1,277	7,161
Middle East	548	2,453
North America	540	2,279
Africa	91	538
Total	6,057	29,066

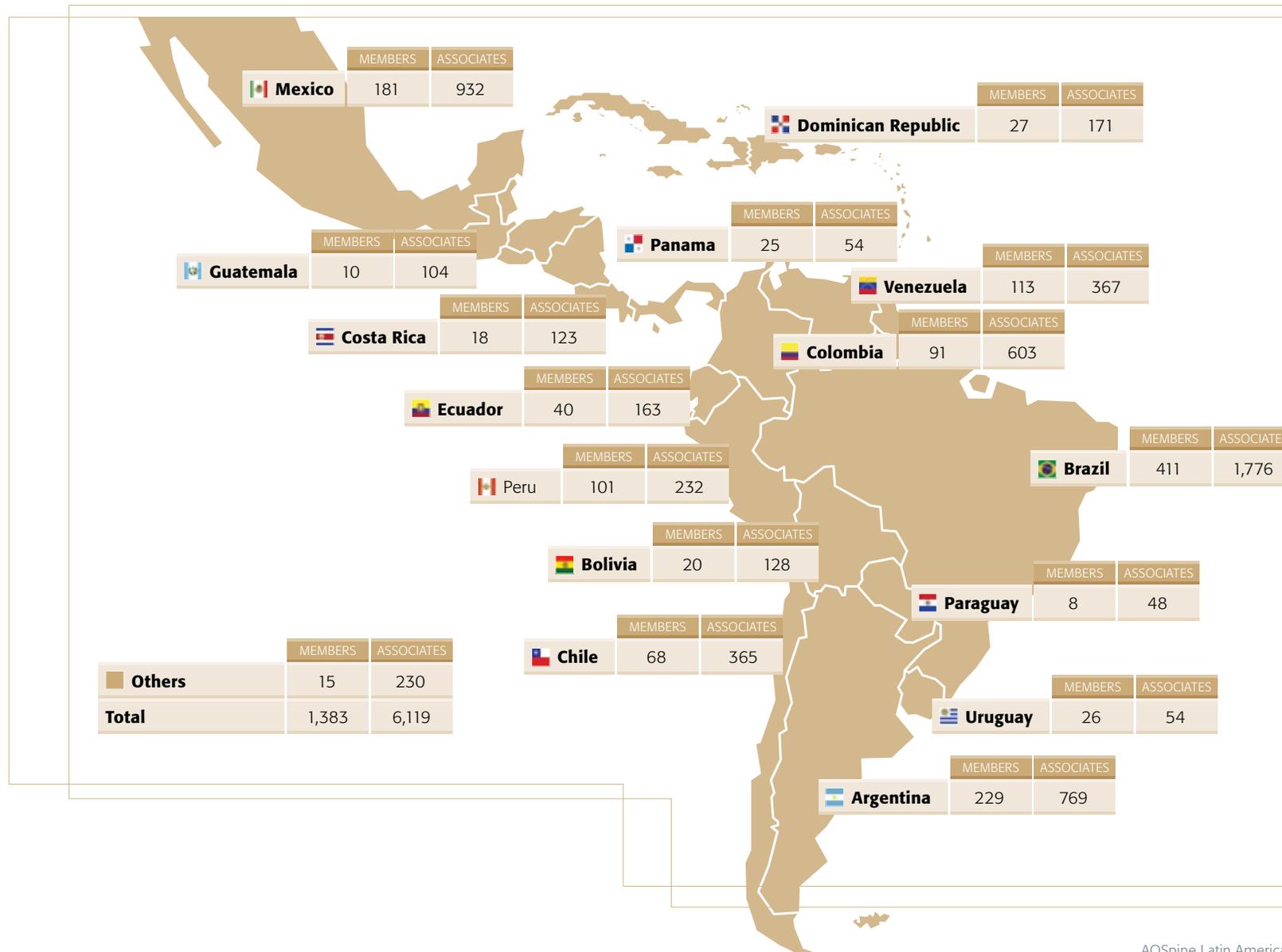
PERCENTAGE OF MEMBERS ACCORDING TO REGION



Data from October 31st, 2015

Latin America Membership Overview

Members and Associates by Country



Membership Balance per Country 2015

COUNTRY	2014	NEW MEMBERS	EXPIRED	2015	BALANCE
Brazil	461	186	236	411	-50
Argentina	217	107	95	229	+12
Mexico	196	75	90	181	-15
Colombia	89	27	25	91	+2
Venezuela	78	45	10	113	+35
Peru	60	68	27	101	+41
Chile	60	31	23	68	+8
Dominican Republic	29	12	14	27	-2
Ecuador	26	23	9	40	+14

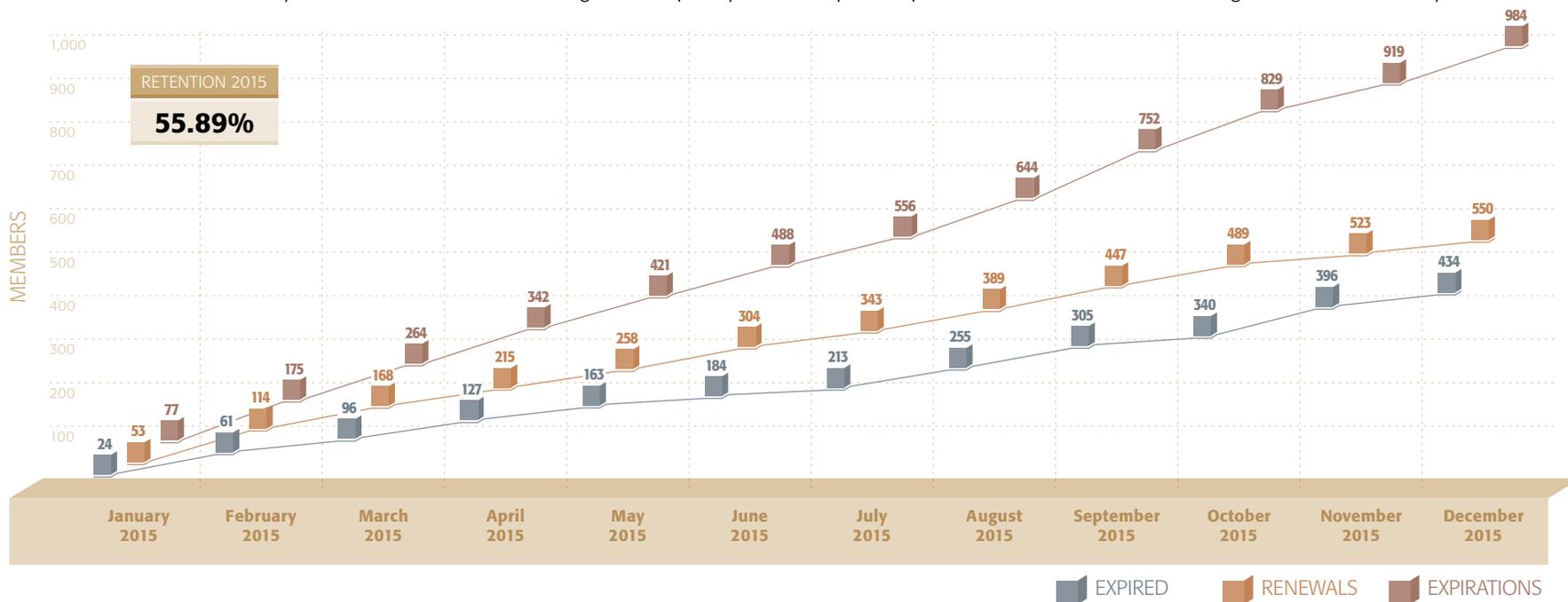
COUNTRY	2014	NEW MEMBERS	EXPIRED	2015	BALANCE
Uruguay	23	10	7	26	+3
Panama	19	13	7	25	+6
Bolivia	17	9	6	20	+3
Costa Rica	14	9	5	18	+4
Honduras	14	4	14	4	-10
Paraguay	12	0	4	8	-4
Guatemala	11	6	7	10	-1
Others	16	5	11	11	-5
Total	1,342	630	590	1,383	+41

Membership Development 2015



Membership Retention 2015

Continuing with a trend initiated in the last years, AOSpine Latin America was able to maintain an overall good retention rate in 2015, reaching 55.89%. These numbers are a clear result of the success achieved by our initiatives thanks to the strategies developed by Community Development in combination with all of the great work carried out by the other areas.



Membership Trend 2012–2015



Membership Benefits 2015

This year saw a few changes in the benefits provided to AOSpine members. The Evidence-Based Spine-Care Journal was incorporated into the Global Spine Journal and now constitutes a single publication, available to our members on a bi-monthly basis. Furthermore, the Scolisoft tool is no longer being offered as a benefit.

AOSLA Social Media

Since their launch in 2014, the AOSLA social networks have seen an outstanding development with a high approval rating among our members and Faculty and an 11% increase in visitors and followers in the last six months alone. In 2015, the online community reached over 700 followers on Facebook and around 250 on Twitter, which represents a growth of 75% in relation to last year.

Our followers on Facebook and Twitter have been progressively more engaged in activities via the networks, sharing information about publications, educational events and much more. Besides the provision of information about spine care, the Community Development team will continue its efforts to utilize the social media space as yet another tool for members to communicate with AOSpine through messages, questions and suggestions.



AOSpine Presence in Latin America

This was a very fruitful year for AOSpine in the region, as the organization was able to once again improve its presence in different countries and throughout the membership base. As an overall strategy, the AOSLA Office focused on a constant flow of information concerning the activities developed in the region, aiming at increasing the participation numbers for events in different countries.

AOSLA also worked together with each Country Council in the region, so as to establish better communication and promotion of local events, as well as helping manage membership rates. Based on this joint work, the Community Development area was able to elaborate specific strategies for improving its participation in each country, with special attention paid to AOSpine's most faithful members.

Furthermore, AOSpine Latin America had a remarkable presence at seven different congresses this year with stands, besides the usual pre-/trans-event educational activities.

These strategies were reflected in the high rate of membership renewals achieved in 2015, which means our members are enjoying the organization's benefits and taking advantage of the different educational offers.

BRAZILIAN CONGRESS OF SPINE SURGERY

Maksoud Plaza Hotel, Sao Paulo, Brazil
March 11–14, 2015

BRAZILIAN SPINE CONGRESS

Expominas, Belo Horizonte, Brazil
April 18–21, 2015

4th GLOBAL SPINE CONGRESS

Sheraton Hotel & Convention Center,
Buenos Aires, Argentina
May 20–23, 2015

16th AMCICO CONGRESS

Hotel Sheraton Baganvillas Vallarta,
Puerto Vallarta, Mexico
July 2–5, 2015

9th INTERNATIONAL NEUROSURGERY CONGRESS (SENC)

Sheraton Hotel, Guayaquil, Ecuador
September 24–26, 2015

13th IBERIAN LATIN AMERICAN SPINE CONGRESS (SILACO)

The Westin Lima Hotel, Lima, Peru
October 28–31, 2015

NEUROPINAMAR

Marcin Hotel Cariló, Pinamar, Argentina
November 27–28, 2015





RESEARCH



Research Officer's Word

Dear AOSpine members,

In 2015, I took on the important responsibility of being AOSpine Latin America Research Officer for the next three years, which will be both a challenge and a great opportunity to learn more about research in the region. We look forward to continuing the initiatives developed thus far, as they constitute the results of the efforts of a researcher's network from different parts of the world supported by the AOSLA personnel.

Research in Latin America has been a growing force, thanks especially to the different strategies developed as of late. One of the outcomes has been the spread of scientific articles authored by Latin American spine researchers in global literature, allowing us to expand our knowledge and strengthen ideas to improve spine surgery. The Global Spine Congress in Buenos Aires, Argentina, was evidence of this development, with 25% of its total of 700 abstract submissions coming from Latin American surgeons.

Another important achievement was the consolidation of the "Education in Research" concept. Under this umbrella, we were able to develop projects such as the release of the book entitled "From the Idea to the Publication", which is already in its second edition in Portuguese and Spanish and has now been translated into English. In addition, other initiatives included the realization of online courses on research and an increase in the number of publications of Latin American authors in indexed, high impact journals and volumes.

As we can see, there are many activities to be continued, which will be developed through the work on the following strategies:

1. To continue to strengthen projects related to education about research through the use of AOSLA's didactic materials and practical courses throughout Latin America, especially in countries where this concept has not yet been approached.
2. To identify investigation groups, with the aim of performing multicenter studies which would allow for the standardization of guidelines in spine care.
3. To publish a second book, focused on the interpretation of the statistical data presented in the first volume.

Finally, I would like to use this platform to thank all AOSpine members for their support and invite them to actively take part in the next stages, which will surely allow us to improve the medical care offered at our institutions and hospitals. Our main goal as the AOSLA Research team is to continue the search for the enhancement of investigation in spine surgery in Latin America.

Kind regards,

José María Jiménez
AOSpine Latin America
Research Officer

This year proved to be a very productive period with a wide range of activities culminating out of the strategies developed in the Research area over the last few years. Besides continuing several research projects, AOSLA was also able to further consolidate educational events in the Research field, as well as develop publications and different learning activities.

Education in Research

AOSpine E-learning Course: Research in Scientific Databases

As a result of the successful e-learning course carried out in 2014, which provided information concerning access to research databases via online modules, AOSLA took this year to work on expanding the course material into other languages. All contents and the online platform were fully translated into Spanish and English as part of an effort to reach participants from different countries and regions.

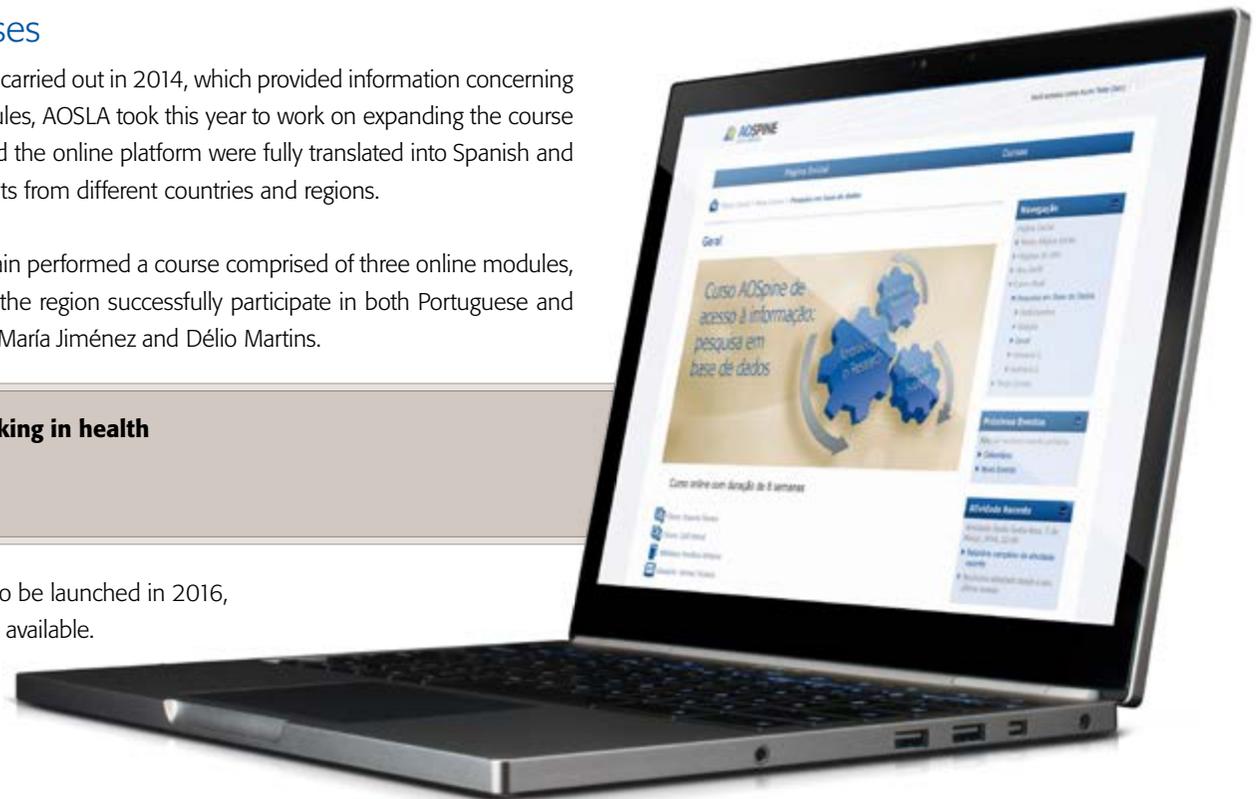
Last October and November, AOSLA once again performed a course comprised of three online modules, which saw 59 researchers and doctors from the region successfully participate in both Portuguese and Spanish. The course was coordinated by José María Jiménez and Délio Martins.

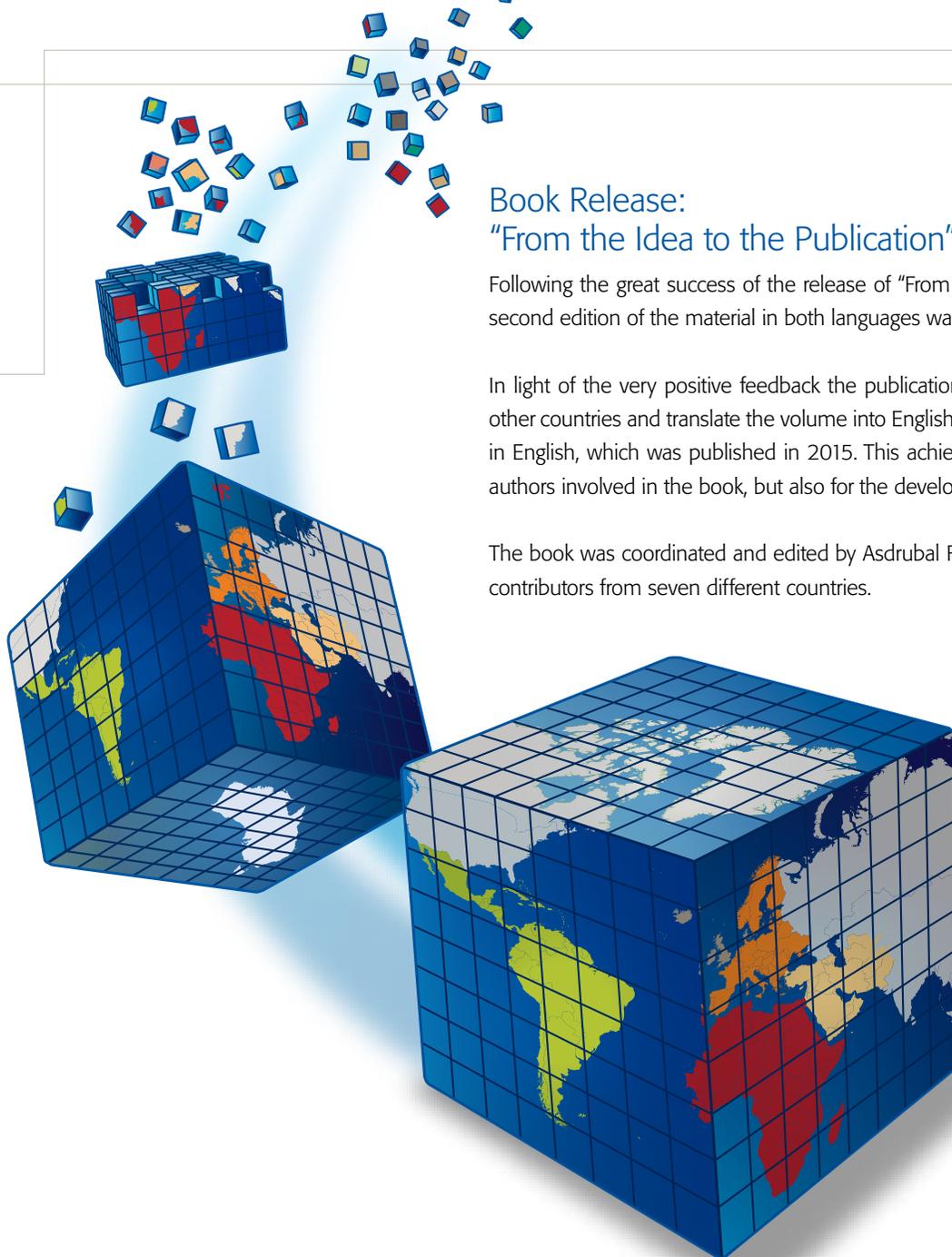
MODULE 1: **Evidence-based decision-making in health**

MODULE 2: **Database search**

MODULE 3: **Closing remarks**

The newly translated materials are expected to be launched in 2016, when a new offer of the course will be made available.





Book Release: “From the Idea to the Publication”

Following the great success of the release of “From the Idea to the Publication” in Spanish and Portuguese in 2014, a second edition of the material in both languages was published this year.

In light of the very positive feedback the publication received in the region, AOSLA decided to expand this project to other countries and translate the volume into English. The result of these efforts is a new version of the book, completely in English, which was published in 2015. This achievement represents a very important milestone, not only for all the authors involved in the book, but also for the developments in research in the region.

The book was coordinated and edited by Asdrubal Falavigna (Brazil) and José María Jiménez (Mexico) and featured 25 contributors from seven different countries.



Educational Activities in Research

AONE RESEARCH MEETING

Sao Paulo, Brazil
April 10-11, 2015

For the first time, different clinical divisions gathered together to develop a multispecialty course about research. The AOne Research Meeting involved Faculty and participants from all clinical divisions: CMF, Spine, Trauma and VET, and was a huge success among the diverse spectrum of participants. The course featured one Chairperson from each division and over 40 participants, all taken from the different fields. The activity focused on discussing clinical research, developing practical activities about multicenter projects and different techniques for writing, reading and analyzing scientific articles.

The course was very productive, as it presented a review of the main building blocks of scientific methodology, which we frequently leave behind after finishing our undergraduate studies. The course offered different strategies for the critical reading of scientific texts, as well as practical and useful tools for elaborating them. The opportunity to be among professionals of different areas was also a great plus, which allowed for the development of translational ideas and professional networking. I am looking forward to the next edition!

Vinicius Rocha

AOne Research Meeting participant





AOSPINE ADVANCED SEMINAR – ONCOLOGIC
PATHOLOGY AND BASIC RESEARCH APPLICATIONS

Buenos Aires, Argentina
July 02-03, 2015

AOSPINE SEMINAR ON CLINICAL RESEARCH

La Paz, Bolivia
August 14, 2015

EDUCATION IN RESEARCH MEETING (AOTRAUMA
ACTIVITY)

Ribeirao Preto, Brazil
August 18, 2015



The experience as a participant in the course provided me with good guidance regarding the critical assessment of published articles, as well as in regard to how to develop relevant studies in the field of veterinary orthopedics and surgery. As I work as a self-employed veterinarian orthopedist and have no link to an academic institution, the participation in the course helped provide me with supervision on these themes. The high quality of content concerning how to prepare a study in a clear and objective manner was the main, significant difference to other activities I have participated in. I definitely recommend my colleagues to participate here with the aim of improving the quality of scientific publications.

Gustavo Santoro

AOne Research Meeting participant

Research Projects

The following table presents an update on the studies conducted in 2015, indicating the participating researchers and the status of each project.

MANAGEMENT OF WOUND INFECTION AFTER LUMBAR ARTHRODESIS MAINTAINING THE INSTRUMENTATION

RESEARCHERS

Asdrubal Falavigna BRA
Alisson Roberto Teles BRA
Guilherme Finger BRA
Orlando Righesso BRA
Pedro Guarise da Silva BRA

STATUS

**Published in Coluna/
Columna journal in
2015**

THE EPIDEMIOLOGICAL PROFILE OF A MIDDLE-AGED POPULATION WITH LOW BACK PAIN IN SOUTHERN BRAZIL

RESEARCHERS

Asdrubal Falavigna BRA
Gustava Lisbôa de Braga BRA
Gabriela C. Monteiro BRA
Grasiela Marcon BRA
Isidora de Castilhos BRA
Julia Bertholdo Mossard BRA
Lucas Piccoli Conzatti BRA

STATUS

**Published in
Spine journal
in 2015**

RESPONSIVENESS OF DEPRESSION AND ITS INFLUENCE ON SURGICAL OUTCOMES OF LUMBAR DEGENERATIVE DISEASES

RESEARCHERS

Asdrubal Falavigna BRA
Alisson Roberto Teles BRA
Joseph S. Cheng USA
Julia Bertholdo Bossardi BRA
Lucas Piccoli Conzatti BRA
Pedro Guarise da Silva BRA
Orlando Righesso BRA

STATUS

**Submitted to the
Global Spine Congress
2015; published in the
European Journal of
Orthopaedic Surgery
& Traumatology in
2015**

TYPE-II ODONTOID FRACTURE

RESEARCHERS

Asdrubal Falavigna BRA
Carlos Rocca Siri BRA
Felix Adolfo Sanchez MEX
Gustavo B. L. de Azevedo BRA
Jefferson W. Daniel BRA
Luís Carelli BRA
Orlando Righesso BRA
Pedro Guarise da Silva URY
Ratko Yurac CHL

STATUS

**Undergoing journal
peer-review**

THIRTEEN YEARS OF SCIENTIFIC PRODUCTION ON MEDLINE BY SPINE SURGEONS IN LATIN AMERICA, AFRICA, OCEANIA AND ASIA

RESEARCHERS

Asdrubal Falavigna BRA
Daniel Riew USA
Délio Martins BRA
Diego Dozza BRA
Francine W. Quadros BRA
Juan Pablo Guyot ARG
Kawaguchi Yoshiharu JPN
Lucas Radaelli BRA
Luiz Henrique Merlin BRA
Pedro Guarise da Silva BRA
Rishi M. Kanna IND
**Shanmuganathan
Rajasekaran** IND

STATUS

**Undergoing journal
peer-review**

ECONOMIC ANALYSIS OF LUMBAR DISC HERNIATION SURGERY IN BRAZILIAN HEALTH INSURANCE: FIRST COST-UTILITY ANALYSIS ON SPINE SURGERY IN LATIN AMERICA

RESEARCHERS

Asdrubal Falavigna BRA
Alisson Teles BRA
Daniel Riew USA
Joseph Cheng USA
Maria Carolina Gullo BRA
Nicolas Scheverin ARG
Orlando Righesso BRA

STATUS

**To be published
in Journal of
Neurosurgery: Spine**

RADIOTHERAPY INDUCED TUMORS OF THE SPINE, PERIPHERAL NERVE AND SPINAL CORD

RESEARCHERS

Asdrubal Falavigna BRA
Pedro Guarise da Silva BRA
William Teixeira BRA

STATUS

**Undergoing journal
peer-review**

OUTCOMES OF VANCOMYCIN ASSOCIATED WITH BONE GRAFT TO PREVENT DEEP SPINE INFECTION, 513 CONSECUTIVE LUMBOSACRAL SURGICAL PATIENTS

RESEARCHERS

Alejandro Steverlynck ARG
Anibal Sarotto ARG
Asdrubal Falavigna BRA
Diego Sobrero ARG
Dino Dinelli ARG
Nicolas Scheverin ARG
Nicolas Videla Kopp ARG
Roberto Castelli ARG

STATUS

**To be published in
Coluna/Columna
journal in 2015**

MESENCHYMAL AUTOLOGOUS STEM CELLS

RESEARCHERS

Asdrubal Falavigna BRA
Jaderson Costa da Costa BRA

STATUS

**Published in World
Neurosurgery in 2015**

DYSPHAGIA

RESEARCHERS

Asdrubal Falavigna BRA
André Cecchini BRA
Barón Zárate MEX
Diego Dozza BRA

Ericson Sfreddo BRA
José María Jiménez MEX
Juan Pablo Guyot ARG
Mario Loreto Lucas MEX

Nicolas Scheverin ARG
Orlando Righesso BRA
Pablo Jalón ARG
Ratko Yurac CHL

STATUS

Collecting data

Productivity Score

In 2015, the Research areas from the different regions had their 2014 research productivity scores evaluated. The evaluation aimed at providing transparency and accountability, with criteria including productivity through publications, presentations, book chapters, knowledge transfer activities and external grants. Points were attributed to each criterion and the total sum divided by the actual investment made in the region – the result is the final productivity score. Latin America was proud to be the region with the highest productivity score, meaning that the research developed here is generating the best outcomes in regard to the financial investments made.

REGION	PUBLICATION POINTS	PRESENTATION POINTS	POINTS FOR BOOK CHAPTER	KNOWLEDGE TRANSFER ACTIVITY POINTS	EXTERNAL POINTS	SUM OF ALL POINTS	ACTUALS SPENT (kCHF)	SCORE: POINTS / ACTUALS X 1000
Middle East	0	0	3	1	1	5	18	278
Asia Pacific	28	11	0	0	0	39	246	159
Latin America	21	9	15	0	2	47	77	610
Europe	5	2	0	0	0	7	87	80
North America	34	89	3	0	20	146	1,513	96



FELLOWSHIPS & SPINE CENTERS



Fellowships & Spine Centers Officer's Word

Dear Friends,

We are completing yet another year of work in the Latin American Fellowships and Spine Centers Program. 2015 was a year of clear growth for the Program, as was demonstrated by the incorporation of new centers in the region and an increase in the number of applications from surgeons interested in performing their training in one of our different facilities.

The successful Global Spine Congress in Buenos Aires was one of the main highlights of the year in Latin America, with the number of local participants reaching over 500, surpassing our expectations. It was very pleasing for the Fellowships team to see the participation of our former fellows and Spine Center colleagues in the event, confirming the relevance of the Program in the region.

As for the Spine Centers, this year saw the approval of two new facilities in Brazil, which successfully met the requirements of the application process: Institute of Orthopedics and Trauma (Rio de Janeiro) and Hospital Santa Casa (Porto Alegre). The application process was developed further, the requirements were standardized and the communication between the centers' Directors was significantly improved through the use of online platforms, forums and emails. We warmly welcome these new centers to the Program and thank the directors and staff of all of the other ten centers.

In regard to the Fellowship Program, the area worked on developing and updating the application process and platform, as well as following up on fellows' activities. Another point to be highlighted is the implementation of the first rotation program, which took place between the Hospital Militar Central and Hospital Roosevelt, both in Bogota, Colombia. There were a total of 49 applications in 2015, 25 of which were approved to begin

with the different programs. The long-term program selected 11 applicants and the short-term 14, with five fellows participating in the international program.

Our programs have been growing and advancing year after year, but there are always points to be strengthened and improved. The only way to continue this process of improvement is to have an open dialogue with our Spine Centers, program directors and fellows, engaging the involved people as active players. For 2016, we expect new challenges in the Fellowships and Spine Centers area, as the programs will begin to be developed and standardized at a global level, following AOSEC guidelines and in accordance with the Officers from different regions.

Finally, I cannot omit my gratitude to the support, work and friendship of the Latin American Board throughout my term, and to the Spine Centers' Directors, who continue to collaborate, support and contribute to the growth of our programs. I am equally thankful to our fellows, who are the end target of our work to form high quality spine specialists. And lastly, my great thanks goes out to the support given by the AOSLA Office and to all the members who have been participating in our Spine Centers and Fellowships activities in one way or another. We will keep on working on new projects and wish you all a successful 2016.

Kind regards,

Ratko Yurac
AOSpine Latin America
Spine Centers & Fellowships Officer

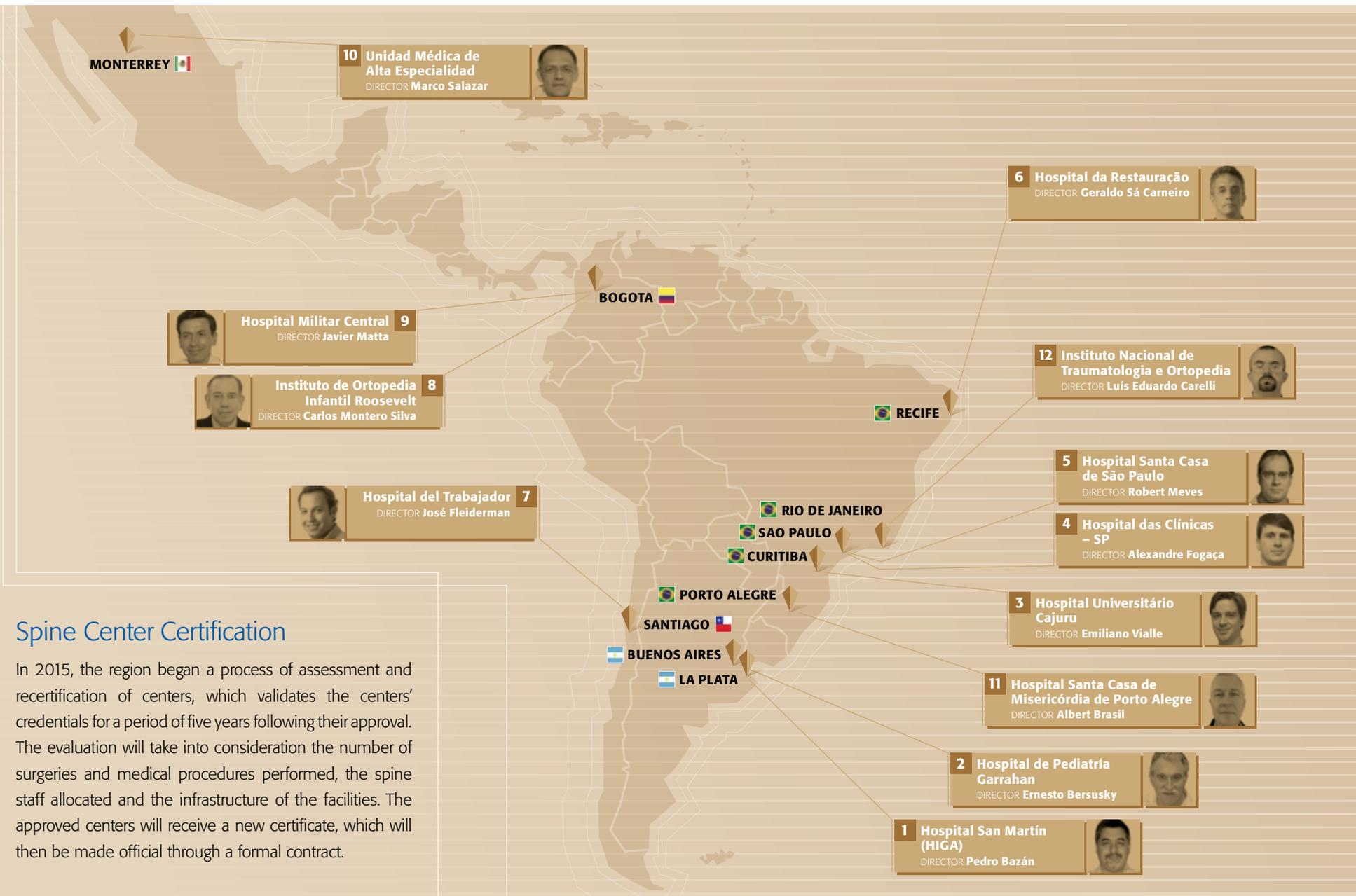
Spine Centers Latin America

The Spine Centers network in Latin America continued to grow in 2015. This year, the region saw the incorporation of two new centers from Brazil: the Instituto Nacional de Traumatología e Ortopedia, in Rio de Janeiro, and the Hospital Santa Casa de Misericórdia in Porto Alegre.

AOSLA is very thankful to the Center Directors for their commitment and constant efforts in improving our training programs, thereby helping assure that all our fellows receive the best possible training in their facilities.

After the integration of the two Brazilian hospitals, Latin America now counts a total of 12 Spine Centers, as presented in the following graph.

SPINE CENTER	CITY	COUNTRY	PROGRAM DIRECTOR
1 Hospital San Martín (HIGA)	La Plata	 Argentina	Pedro Bazán
2 Hospital de Pediatría Garrahan	Buenos Aires	 Argentina	Ernesto Bersusky
3 Hospital Universitário Cajuru	Curitiba	 Brazil	Emiliano Vialle
4 Hospital das Clínicas – SP	Sao Paulo	 Brazil	Alexandre Fogaça
5 Hospital Santa Casa de São Paulo	Sao Paulo	 Brazil	Robert Meves
6 Hospital da Restauração	Recife	 Brazil	Geraldo Sá Carneiro
7 Hospital del Trabajador	Santiago	 Chile	José Fleiderman
8 Instituto de Ortopedia Infantil Roosevelt	Bogota	 Colombia	Carlos Montero Silva
9 Hospital Militar Central	Bogota	 Colombia	Javier Matta
10 Unidad Médica de Alta Especialidad	Monterrey	 Mexico	Marco Salazar
11 Hospital Santa Casa de Misericórdia de Porto Alegre	Porto Alegre	 Brazil	Albert Brasil
12 Instituto Nacional de Traumatología e Ortopedia	Rio de Janeiro	 Brazil	Luís Eduardo Carelli



Spine Center Certification

In 2015, the region began a process of assessment and recertification of centers, which validates the centers' credentials for a period of five years following their approval. The evaluation will take into consideration the number of surgeries and medical procedures performed, the spine staff allocated and the infrastructure of the facilities. The approved centers will receive a new certificate, which will then be made official through a formal contract.

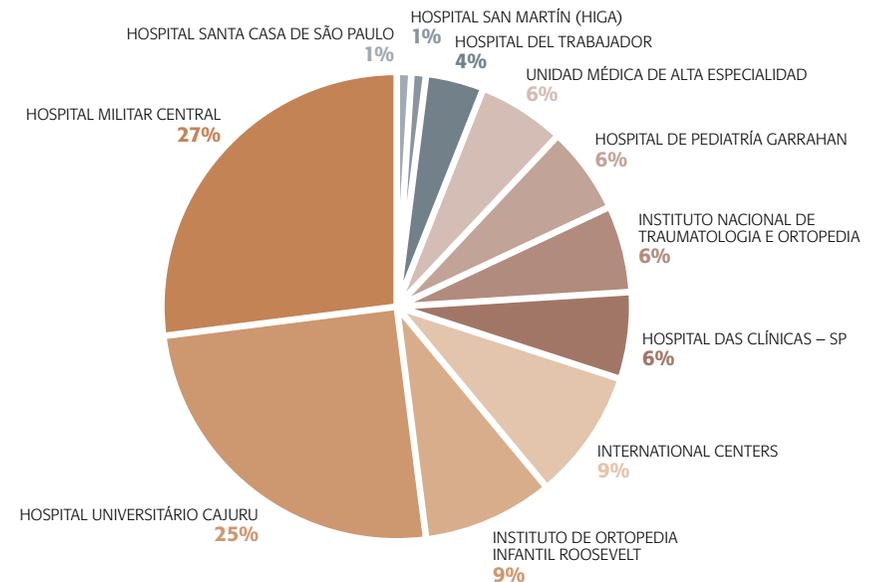
Fellowship and Observership Programs

AOSpine Latin America continued to offer a wide range of training programs for its members, providing surgeons with different possibilities for furthering their education in spine pathologies. The application process for 2015-2016 received 49 requests, representing a 16% increase in comparison to the previous year. The selection process has approved 25 surgeons from eight countries in the region to take part in a Fellowship (long-term or short-term) or Observership Program, to be performed in regional or international centers.

Distribution of Applications

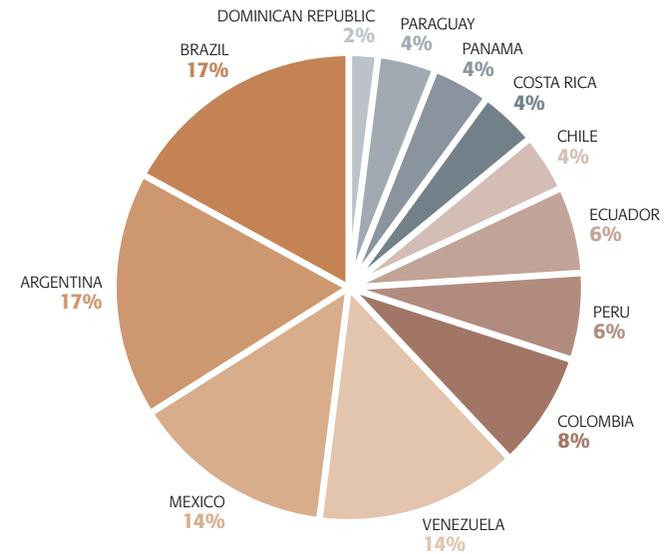
DISTRIBUTION ACCORDING TO SPINE CENTER – 2016 PROGRAM

SPINE CENTER	APPLICATIONS	%
Hospital Militar Central	13	27%
Hospital Universitário Cajuru	12	25%
Instituto de Ortopedia Infantil Roosevelt	4	9%
International Centers	4	9%
Hospital das Clínicas – SP	3	6%
Instituto Nacional de Traumatologia e Ortopedia	3	6%
Hospital de Pediatría Garrahan	3	6%
Unidad Médica de Alta Especialidad	3	6%
Hospital del Trabajador	2	4%
Hospital San Martín (HIGA)	1	1%
Hospital Santa Casa de São Paulo	1	1%



DISTRIBUTION ACCORDING TO COUNTRY OF ORIGIN – 2016 PROGRAM

COUNTRY	APPLICATIONS	%
Brazil	8	17%
Argentina	8	17%
Mexico	7	14%
Venezuela	7	14%
Colombia	4	8%
Peru	3	6%
Ecuador	3	6%
Chile	2	4%
Costa Rica	2	4%
Panama	2	4%
Paraguay	2	4%
Dominican Republic	1	2%



Total Number of Applications (2014–2016)

NUMBER OF APPLICATIONS 2014–2016

YEAR	APPLICATIONS	APPROVED
2014	41	21
2015	40	22
2016	49	25*

*Ongoing process



Fellowship Program 2015

Over the course of 2015, and as a result of the 2014 selection process, AOSLA had a total of 22 fellows developing their training activities in 16 different centers. Eight fellows took long-term programs, while 12 had a short-term training and three participated in Observership opportunities.

The following table presents the detailed information about our 2015 fellows.

NAME	COUNTRY	SPINE CENTER	COUNTRY	FROM	TO	PROGRAM
Wellington Ueda	 Brazil	Hospital Universitário Cajuru	Curitiba, Brazil	Feb-14	Dec-15	Long-term
Phelipe Menegaz	 Brazil	Hospital Universitário Cajuru	Curitiba, Brazil	Feb-15	Jan-17	Long-term
Luis Duchén	 Bolivia	Hospital Universitário Cajuru	Curitiba, Brazil	Mar-15	May-15	Short-term
Fernando Lira	 Chile	Hospital Universitário Cajuru	Curitiba, Brazil	Jul-15	Jun-16	Long-term
Marco Melgarejo	 Peru	Hospital da Restauração	Recife, Brazil	Mar-15	May-15	Short-term
Ronald Rioja	 Brazil	Hospital das Clínicas – SP	Sao Paulo, Brazil	Feb-15	Feb-15	Observership
Elio Romero	 Venezuela	Hospital del Trabajador	Santiago, Chile	Mar-15	Feb-16	Long-term
Lucas Leon	 Argentina	Hospital del Trabajador	Santiago, Chile	Jun-15	Jun-15	Observership
Julian Zuluaga	 Colombia	Hospital de Pediatría Garrahan	Buenos Aires, Argentina	Mar-15	May-15	Short-term
Agustin Tellez	 Mexico	Hospital de Pediatría Garrahan	Buenos Aires, Argentina	Oct-15	Dec-15	Short-term
Daniel Uruchi*	 Bolivia	Hospital Militar Central	Bogota, Colombia	Feb-15	Jul-15	Long-term
Emanuel Giaccopuzzi	 Argentina	Hospital San Martín (HIGA)	La Plata, Argentina	Jul-15	Jun-16	Long-term
Jorge Salazar	 Mexico	Hospital San Martín (HIGA)	La Plata, Argentina	Aug-15	Jan-16	Long-term
Daniel Uruchi*	 Bolivia	Instituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	Aug-15	Nov-15	Short-term
Javier Ramos	 Mexico	International: Berufsgenossenschaftliche Unfallklinik	Halle an der Saale, Germany	Jul-15	Sep-15	Short-term
Eddy Almira	 Cuba	International: Complejo Hospitalario Universitario	Santiago de Compostela, Spain	Jan-15	Apr-15	Short-term
Eibar Ernesto Cabrera	 Mexico	International: Guy's Hospital	London, United Kingdom	Jun-15	Aug-15	Short-term
Nicolas Ciccioli	 Argentina	International: Harborview Medical Center	Seattle, United States	Mar-15	May-15	Short-term
Danilo Bernardi	 Brazil	International: Istituto Rizzoli	Bologna, Italy	Feb-15	Feb-15	Observership
Guilherme Gontijo	 Brazil	International: Klinik für Wirbelsäulen Chirurgie	Nuremberg, Germany	Feb-15	Apr-15	Short-term
Rodrigo Nakao	 Brazil	International: Klinik für Wirbelsäulen Chirurgie	Nuremberg, Germany	Sep-15	Nov-15	Short-term
Rafael Mazzuia	 Brazil	International: Queen's Medical Centre	Nottingham, United Kingdom	Jul-15	Sep-15	Short-term
Gerson Yoel Quevedo	 Venezuela	Unidad Médica de Alta Especialidad	Monterrey, Mexico	May-15	Apr-16	Long-term

*Fellowship rotation project

Fellowship Rotation

This year's program also saw a big innovation: for the first time a rotation fellowship was developed, meaning one single fellow had the opportunity to rotate between two different centers, completing the training in two facilities. Daniel Uruchi had the chance to experience his 12 month Fellowship in the Hospital Militar Central and the Instituto de Ortopedia Infantil Roosevelt, both in Bogota, Colombia, and was submitted to a joint evaluation from the two Center Directors.

Daniel Uruchi and his colleagues during his Fellowship in Colombia

This is the first trip I took outside of Bolivia and it was one the best experiences I have had. In Bogota, I had the chance to meet many people who were very involved in what I was learning and my well-being, from professors and residents to nurses and interns. The teaching was presented with high quality and was very demanding, as I always had tasks to do, work, presentations and exams. The surgical activity was very adequate, as I was able to participate as first or second assistant in every spine-related surgery and was also allowed to actively participate in the operations.

I lived in a flat where I was able to meet friends from the health area, both Bolivian and Colombian, and with whom I shared many cultural and cooking experiences.

Besides the personal experience, the Fellowship gave me an opportunity to achieve a goal and a dream, meaning acquiring special training in spine surgery – even better, with AOSpine's support!

Daniel Uruchi
Rotating fellow



Fellowship Program 2016

The 2016 selection process received a total of 49 applications, with 25 fellows approved to begin their activities next year. The process used allowed AOSLA to receive a higher number of applications and handle them in a more efficient manner, so as to give our members more opportunities to participate in one of the programs.

The following table presents the detailed information about our 2016 fellows.

NAME	COUNTRY	SPINE CENTER	COUNTRY	FROM	TO	PROGRAM
Carlos Manuel Huaiquilaf Salazar	 Chile	Hospital de Pediatría Garrahan	Buenos Aires, Argentina	Mar-16	Apr-16	Short-term
Marcelo Altino de Oliveira	 Brazil	Hospital das Clínicas – SP	Sao Paulo, Brazil	Apr-16	Apr-16	Short-term
Ronald Rosas	 Brazil	Hospital das Clínicas – SP	Sao Paulo, Brazil	May-16	Jul-16	Short-term
Pablo Javier Quintana	 Argentina	Hospital das Clínicas – SP	Sao Paulo, Brazil	Aug-16	Aug-16	Observership
Galo Ignacio Arcentales	 Ecuador	Hospital das Clínicas – SP	Sao Paulo, Brazil	Sep-16	Nov-16	Short-term
Juan Ignacio Cirillo	 Argentina	Hospital del Trabajador	Santiago, Chile	Mar-16	Aug-16	Long-term
William López	 Ecuador	Hospital del Trabajador	Santiago, Chile	Jan-16	Mar-17	Short-term
Maximiliano Giménez	 Argentina	Hospital Santa Casa	Sao Paulo, Brazil	Feb-16	Jul-16	Long-term
Enrique Alcides Casco	 Paraguay	Hospital San Martín (HIGA)	La Plata, Argentina	May-16	Jul-16	Short-term
Anderson José Silva Florez	 Venezuela	Hospital Militar Central	Bogota, Colombia	Jan-16	Mar-16	Short-Term
Juan Manuel del Toro Aguayo	 Mexico	Hospital Militar Central	Bogota, Colombia	Jul-16	Dec-16	Long-term
Arizt Iraída De Leon Robles	 Panama	Hospital Militar Central	Bogota, Colombia	Apr-16	Jun-16	Short-term
Mauro Antonio Fernandes Junior	 Brazil	Hospital Universitário Cajuru	Curitiba, Brazil	Feb-16	Dec-17	Long-term
Oscar Enrique González Guerra	 Chile	Hospital Universitário Cajuru	Curitiba, Brazil	Mar-16	May-16	Long-term
Nicolás García Roldán	 Colombia	Hospital Universitário Cajuru	Curitiba, Brazil	Jun-16	May-17	Long-term
Phelipe Menegaz	 Brazil	Hospital Universitário Cajuru	Curitiba, Brazil	Feb-15	Jan-17	Long-term
Juan José Jara	 Paraguay	Hospital Universitário Cajuru	Curitiba, Brazil	Jun-16	Aug-16	Short-term
Paulo Cortez	 Brazil	Hospital Universitário Cajuru	Curitiba, Brazil	Out-16	Out-16	Short-term
Max Daniel Méndez Salazar	 Costa Rica	Instituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	Apr-16	Jun-16	Short-term
Gamaliel Gonzalez Atencio	 Panama	Instituto Nacional de Traumatologia e Ortopedia	Rio de Janeiro, Brazil	Jul-16	Dec-16	Long-term
Germán Alejandro Andjel	 Argentina	Instituto Nacional de Traumatologia e Ortopedia	Rio de Janeiro, Brazil	Jan-16	Jul-16	Long-term
Jorge Saisi Bruges	 Argentina	International: Guy's Hospital	London, United Kingdom	Feb-16	Apr-16	Short-term
Federico Daniel Sartor	 Argentina	International: Instituto Ortopedico Rizzoli	Bologna, Italy	Sep-16	Nov-16	Short-term
Hugo Reynoso	 Mexico	International: Sint Maartenskliniek	Nijmegen, Netherlands	Sep-16	Nov-16	Short-term
Celeste Tavoraro Trombetta	 Argentina	International: Harborview Medical Center	Seattle, United States	Mar-16	May-16	Short-term

*Ongoing process



I have always thought that visiting other centers and seeing how other medical teams work is one of the most enriching experiences that a doctor can have. In this sense, my Fellowship at the BGU Unfallklinik Frankfurt am Main, in Germany, completely met my expectations. The BGU is a center with a large volume of surgeries, mainly trauma and degenerative pathology. The team led by Dr. Frank Kandziora is composed of neurosurgeons and orthopedists with a vast experience in handling spine pathologies. They were always very kind to me and were always available for teaching and sharing their knowledge.

In the three months I actively participated in an average of 10 to 15 surgeries per week, from Monday to Friday. The surgeries were performed after a 15 minute radiology session, where the pre-/post-op cases were presented and the OR performance of the fellows discussed. After this, our day would go on with the performance of 3 or 4 surgeries.

If you speak English, the German language is not a limiting factor in this program. I had the opportunity to get to know another AOSpine fellow from Malaysia, besides two medical students from Spain and Germany, whom I quickly befriended.

I am thankful to AOSpine Latin America for the opportunity to take this training program and I recommend the surgeons of our community to visit one of AOSpine's centers. It is worth it!

Javier Ramos

Fellow at Berufsgenossenschaftliche Unfallklinik, Germany

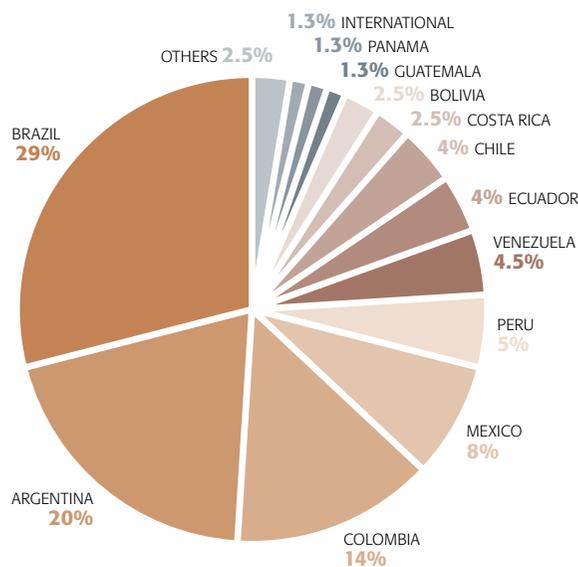
Javier Ramos and his colleagues during his Fellowship in Germany

AOSpine Fellowship History

Following the trend from previous years, the different Fellowship Programs continued to grow in 2015, expanding the training possibilities to different countries and centers. The data presented next shows the development of the programs over a nine-year timespan, from 2006 to 2015, approaching participation from different aspects: country of origin, type of program and application numbers.

PARTICIPATION OF FELLOWS ACCORDING TO COUNTRY OF ORIGIN 2006–2015

COUNTRY	FELLOWS	%
Brazil	45	29%
Argentina	31	20%
Colombia	22	14%
Mexico	12	8%
Peru	8	5%
Venezuela	7	4.5%
Chile	6	4%
Ecuador	6	4%
Costa Rica	4	2.5%
Bolivia	4	2.5%
Guatemala	2	1.3%
Panama	2	1.3%
International	2	1.3%
Others	4	2.5%



My experience in the AOSpine Observership in 2015 was very satisfactory and I was very well received by the spine group at the Hospital das Clínicas of the University of Sao Paulo (Brazil). I learned a great deal, watching several surgeries with which I had little previous experience, such as cervical arthrodesis through posterior approach, vertebrectomies and deformity surgeries. The flux of patients was quite high, which means one can learn a lot in a short period of time, as was the case in my two-week Observership.

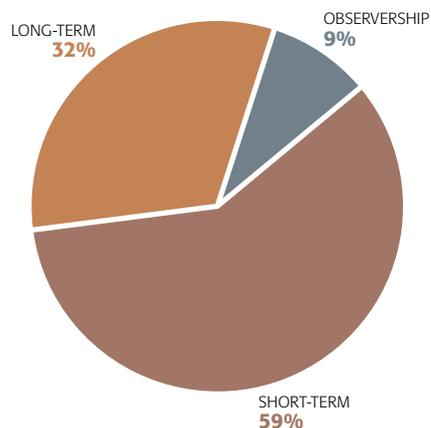
Ronald Rioja

Observer at Hospital das Clínicas, Brazil

A complete list with all AOSpine Latin America fellows and their respective centers can be found in the Appendix section, on page 111.

DISTRIBUTION OF FELLOWS ACCORDING TO PROGRAM 2006–2015

PROGRAM	FELLOWS	%
Long-term	51	32%
Short-term	90	59%
Observership	14	9%



TOTAL NUMBER OF APPLICATIONS AND APPROVALS 2010–2016

YEAR	APPLICATIONS	APPROVED
2010	9	9
2011	16	15
2012	25	14
2013	41	25

YEAR	APPLICATIONS	APPROVED
2014	41	21
2015	40	22
2016	49	25*

*Ongoing process



My personal experience in Chile was excellent. From an interpersonal point of view, I was included in the surgical service as part of the team, participating in seminars, discussing case solutions and planning surgeries. The academic level of the Hospital del Trabajador is outstanding, with central seminars and weekly classes, which were very important for my education. I was already able to put this knowledge into practice in my consultations and surgeries shortly after the Fellowship ended.

The range of cases was very diverse. Despite being an emergency hospital, which gave me the chance to participate in cases of spine trauma, I was also presented with the possibility of assisting cases of degenerative pathologies. The protocols and procedures used in the hospital were quickly put into practice in my daily activities. Apart from that, the surgeons and staff were friendly and available throughout the entire program. Overall, the experience was very productive and I am very grateful for it.

Lucas Leon
Observer at Hospital del Trabajador, Chile



EDUCATION



Education Ortho and Neuro Officers' Word

Dear Friends,

As 2015 draws to a close, it is time to once again look back at the activities developed and acknowledge the challenges that were faced and the growth that was achieved in Latin America. Fortunately, AOSpine continues to be the number one scientific institution in the region for knowledge in spine pathologies, thanks to the quantity and quality of events carried out in the different member countries.

The Continuing Education Program, for example, has matured into a consolidated project and is currently being remodeled, gaining new tools to make it even more attractive to participants: case discussions and real-time events with regional Faculty are just some of the activities being prepared for 2016. In addition, the distance learning program provides students with a university certification, issued by the National University of La Plata in Argentina, as well as the credits given by the Brazilian National Accreditation Association. It is important to highlight the role played by the Course Director, Néstor Fiore, who continues to dedicate his time and efforts in developing this project.

The AOSLA Virtual Courses complete our online education offers, constituting a program which approaches different pathologies at two levels. The courses are considered a reference within AOSpine and their format has been reproduced and adjusted by other regions.

Additionally, the face-to-face events developed throughout Latin America provide a very extensive and diverse educational offer for the region. In 2015, we accomplished a full program of specimen courses, all adaptable to our members' specific needs, and presented activities at different levels. The face-to-face offers also benefited from the program templates, which provide the Chairs with a valuable tool for elaborating

academic programs in line with the AOSpine's Principles and guidelines, while also being adjustable to the region's diverse work environments.

This year we also followed through with our plan of developing closer and more direct relationships with the different Country Chapters in Latin America. Apart from holding regular online meetings, we also had one face-to-face retreat in Panama to discuss the most important themes for the region.

As part of a restructuring process of the Faculty and Chairperson Training, which began last year, we developed the first activities using the new programs. These are now common to all regions and clinical divisions, creating a larger, broader identity among the members of the AOFoundation.

As usual, it is very important for us to thank the Office personal in Curitiba, who perform a magnificent job and provide us with their invaluable help, functioning as the operational branch for many of our most successful projects.

Lastly, we would like to wish a prosperous 2016 to all of our members and their families and we hope to share many more projects in the coming year.

Best regards,

Juan Emmerich
AOSpine Latin America
Education–Ortho Officer

Robert Meves
AOSpine Latin America
Education–Neuro Officer

Continuing Education Program

The premier further education program from AOSLA continued to run successfully for yet another year. The latest developments for 2015 included the roll-out of Level 3 of the Program, which presents contents at the advanced level, as well as the internationalization of the study plan, which is currently being translated into English.

Level 3 Update

The third level of the Program was launched in October 2014 and had over 40 participants taking part in its activities over the course of the year. The Level 3 contents are presented in seven modules, including a total of 14 articles plus online activities. Last October, the Program saw the first group of students graduate from the online component, meaning that they had completed all online activities from the three levels.

LEVEL 3

40 PARTICIPANTS

7 MODULES

14 ARTICLES



Certification and Final Exam

After finishing the online activities from the three levels, participants are requested to take a final test to be approved for certification in the Program. Before the test, they must also meet the face-to-face requirements, which include a range of different courses, seminars and activities offered by AOSpine. In 2016, participants will have the option to take the final exam in person or via web conference, always in the presence of the Course Director plus an examination panel composed of AOSLA Faculty members. Certificates are issued both by AOSpine Latin America and the National University of La Plata, Argentina, thanks to our academic agreement. Brazilian students can also apply for credits at the National Accreditation Association – CNA.

Internationalization

Following the presentation of the Continuing Education Program in several international meetings, AOSpine International initiated a translation process of all course materials into English in 2015. The idea behind this new project is to take the contents to other regions and use them in different, blended learning offers.

Participants' Progress

680

PARTICIPANTS
REGISTERED

420

PARTICIPANTS
CURRENTLY ENROLLED

90%

ACTIVE
PARTICIPANTS

106 FINISHED
N1

49 FINISHED
N2

24 FINISHED
N3

Data from November 2015

Activities for 2016

The Program team has been working on developing new activities for next year, in particular the implementation of virtual meetings with small groups of participants and one presenter, new articles and content updates.



Faculty Development

This year saw a transition into the new AO Faculty Training Program (FEP) format, which focuses on a variety of teaching methods through the development of practical skills. This new model, which is being applied internationally, presents a series of online activities over a five-week period prior to an event, followed by a face-to-face encounter and then a post-event online follow up. The standard program was adjusted to the region's need during 2015, for which two surgeons received proper training in Davos in 2014.

Faculty Training

One Faculty Training activity was developed in November 2015 in Uruguay. The event saw the participation of 12 surgeons, who were eager to learn more about how to develop educational activities according to AOSpine standards.

FACULTY TRAINING – Montevideo, Uruguay

DATE

November 18–19, 2015

VENUE

Sheraton Hotel–Montevideo, Uruguay

ONLINE EDUCATOR

Fabiana Reboiras ARG

CHAIRPERSONS

Asdrubal Falavigna BRA

Juan Emmerich ARG

PARTICIPANTS

Claudio Fernandez ARG

Christiano Simões BRA

Elio Marin Sanabria PCY

Felipe Rossel CHL

Ignacio Barrenechea ARG

Juan Pablo Guyot ARG

Juan Zamorano CHL

Luís Duchén Rodríguez BOL

Luís Eduardo Carelli BRA

Luiz Gustavo Dal'Oglio da Rocha BRA

Pablo Jalón ARG



The Chairperson Training 2015, which took place in Lima, Peru, was highly informative. The structure of the training allows for a lot of interaction between the teachers and other participants, giving us space to put the knowledge acquired in the previous training into practice, as well as allowing us to clarify any queries or doubts we had and correct any mistakes immediately. The interactive activity gave me an excellent example of how to plan and chair the seminar for residents in Colombia.

Constanza Bedoya
Chairperson Training participant

“*The opportunity to participate in the Chairperson Training was truly rewarding for me. Not only did it help me improve the seminar we were organizing in Buenos Aires, but it also provided me with tools to chair possible future events. The training was carried out in a very friendly environment, with colleagues from all over Latin America, allowing us to improve in the interpersonal field as well through a constant exchange of views, experiences and perspectives.*”

Juan Pablo Guyot
Chairperson Training participant



Chairperson Training

This year's Chairperson Training gathered 13 surgeons in Lima, Peru, to participate in a face-to-face encounter following up on five weeks of online activities. The event program approached different themes, such as topics on teaching and learning, assessment, AOSpine's teaching methods and Curriculum, as well as information on the roles of Chairperson and Educational Advisor, Faculty selection and event organization. Two AOSpine Faculty members provided the necessary training for those Chairs in charge of educational activities throughout the year. The participants were very active and enjoyed the lectures and practical exercises developed during these two days of intense work.

CHAIRPERSON TRAINING – Lima, Peru

DATE

March 19–20, 2015

VENUE

Hilton Miraflores–Lima, Peru

EDUCATIONAL ADVISOR

Roberto Chapa MEX

CHAIRPERSONS

Asdrubal Falavigna BRA

Juan Emmerich ARG

PARTICIPANTS

Raul Arjona PAN

Alfonso Basurco PER

Constanza Bedoya COL

Albert Brasil BRA

Jorge Cabrera Escamilla MEX

Mauricio Campos Daziano CHL

Gustavo Casas MEX

Rene Chirinos PER

Juan Pablo Guyot ARG

José María Jiménez MEX

Marcelo Ochoa Valarezo ECU

Jaime Segura COL

Pedro Soto Padilla PER

A complete list with all the Faculty members and their respective training levels can be found in the Appendix section, on page 115.

Anatomical Specimen Courses

In 2015, AOSpine Latin America was pleased to offer its members three different anatomical specimen courses throughout the year, which were a big success among the participants. All courses were performed in Palm Beach, USA, at specialized high-end facilities, providing participants with the best possible structure for developing the activities.

The content of the courses ranged from principles to advanced themes, covering different pathologies such as tumors and degeneration, as well as demonstrating several surgical procedures. The activities were very well received by participants, who were able to enjoy a full round of lectures, discussions and, of course, a great deal of practical exercises.



AOSPINE ADVANCED LEVEL ANATOMICAL SPECIMEN
COURSE – ONCOLOGICAL VERTEBRAL RESECTIONS

Palm Beach, USA
February 06–07, 2015
16 participants



AOSPINE PRINCIPLES LEVEL ANATOMICAL
SPECIMEN COURSE – DEGENERATION

Palm Beach, USA
August, 28–29, 2015
24 participants



AOSPINE ADVANCED LEVEL ANATOMICAL
SPECIMEN COURSE

Palm Beach, USA
August 31–September 01, 2015
24 participants



The 2015 AOSLA Anatomical Specimen Course was outstanding! The facilities and the specimens provided an excellent environment for surgical training. The coaching team was very dedicated and friendly and all contents were spot on, completely applicable to daily practice. The activity is highly recommendable in all of its aspects and I hope to have the opportunity to repeat the experience in the future.

Nicolás Nasi
Course participant

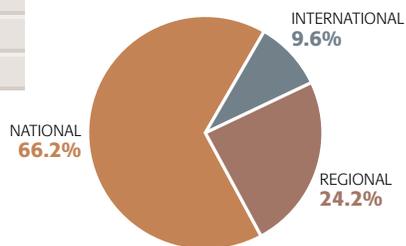
Faculty Evaluation

This online survey, implemented in 2014, aims at collecting information about event-related themes immediately after the educational activity has taken place, so as to identify how well organized the event was and what aspects could be improved in the process.

The following charts present the results of some of the most relevant questions asked in the online survey, as well as the overall turnout rate.

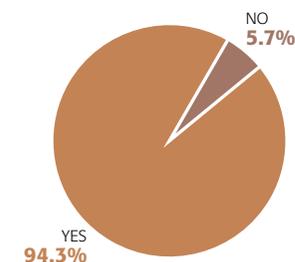
FACULTY TYPE

ANSWER OPTIONS	RESPONSES	%
National	104	66.2%
Regional	38	24.2%
International	15	9.6%



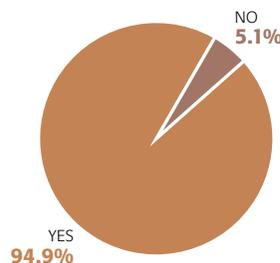
WAS THE PROGRAM SENT WITH SUFFICIENT TIME TO PREPARE THE ACTIVITIES?

ANSWER OPTIONS	RESPONSES	%
Yes	148	94.3%
No	9	5.7%



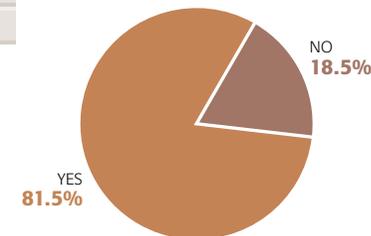
WERE THE THEMES ASSIGNED WITHIN YOUR REALM OF EXPERTISE?

ANSWER OPTIONS	RESPONSES	%
Yes	149	94.9%
No	8	5.1%



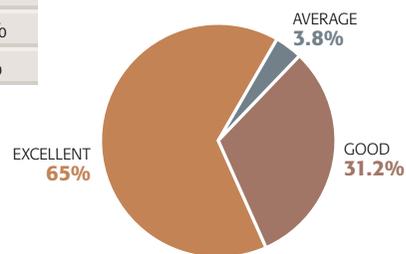
DID YOU RECEIVE ANY GUIDANCE OR A SUMMARY FROM THE CHAIR OR EA ABOUT YOUR ACTIVITIES?

ANSWER OPTIONS	RESPONSES	%
Yes	128	81.5%
No	29	18.5%



HOW DO YOU RATE THE COURSE INFRASTRUCTURE (CONFERENCE ROOMS, PRACTICAL EXERCISES, ON-SITE STAFF, FOOD, COURSE MATERIAL, AUDIO/VISUAL EQUIPMENT)?

ANSWER OPTIONS	RESPONSES	%
Excellent	102	65%
Good	49	31.2%
Average	6	3.8%



OVERALL TURNOUT RATE

70.4%

*Data from November 2015



Program Templates

After working on the development of academic program templates over the last couple of years, 2015 saw the first practical implementation of this tool in Latin America. The use of program templates in the region was made official to the local Chapters through specific communications and meetings. We expect to carry on with the development of this project and hope the templates will serve as a useful tool for the event Chairs to plan the educational activities with more structure and higher quality standards.

AOSLA Virtual Courses

The AOSLA Virtual Courses continue to be one of the participants' favorite educational activities, even more so now in their eighth edition. This year followed the same structure as the previous courses, presenting two Principles and four Advanced modules. The content approached all AOSpine Curriculum pathologies and was coordinated by Néstor Fiore, Asdrubal Falavigna and José María Jiménez.

The participation level in 2015 was higher than ever, with around 1000 participants throughout the year. The Principles Course alone saw an increase of over 40% in the total number of participants. As usual, participants have the possibility to attend the activity via an individual connection or in one of our 13 available auditoriums, which makes the course easily adjustable to surgeons' schedules.



I am very thankful for having the opportunity to take one of AOSLA's Virtual Courses. The activity is always beneficial and I am a loyal participant, because the courses are pleasant, up-to-date and generate good debates. The Latin American Chairs and Faculty are always on point when answering our questions and inquiries.

Miguel Espinal
Virtual Courses participant

AUDITORIUMS 2015
Bogota, Colombia
La Paz, Bolivia
Medellin, Colombia
Monterrey, Mexico
Santa Cruz de la Sierra, Bolivia

Principles Courses

MODULE I TRAUMA, TUMOR AND DEFORMITY

DATE

March 14, 2015

CHAIRPERSONS

Néstor Fiore ARG

José María Jiménez MEX

FACULTY

Alexander Valverde CRI

Carlos Montero COL

Luiz Gustavo Dal'Oglio da Rocha BRA

Nelson Morales COL

Pedro Bazán ARG

William Teixeira BRA

NUMBER OF PARTICIPANTS IN AUDITORIUM

54

NUMBER OF PARTICIPANTS VIA INDIVIDUAL CONNECTIONS

170

MODULE II DEGENERATION, INFECTION AND IMG

DATE

August 15, 2015

CHAIRPERSONS

Néstor Fiore ARG

José María Jiménez MEX

FACULTY

Cristian Illanes ARG

Jaime Segura COL

Jerônimo Milano BRA

Marcelo Valacco ARG

Robert Meves BR

NUMBER OF PARTICIPANTS IN AUDITORIUM

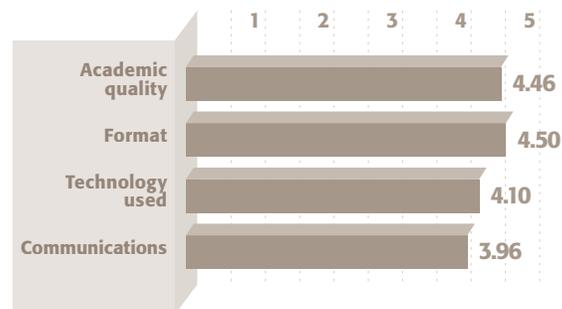
34

NUMBER OF PARTICIPANTS VIA INDIVIDUAL CONNECTIONS

124

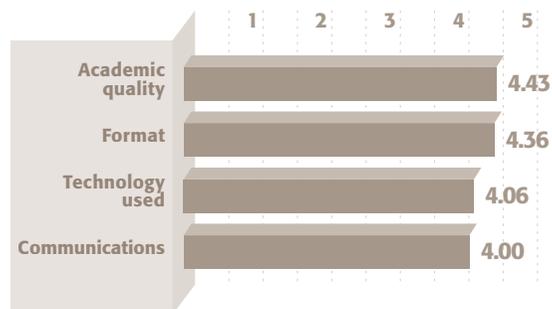
MODULE I EVALUATION

Reference values: 1 (low score) to 5 (high score)



MODULE II EVALUATION

Reference values: 1 (low score) to 5 (high score)



“The AOSLA Virtual Course has been a great professional experience in my career. It has consolidated concepts which were missing in my neurosurgery graduate studies, given the conditions of some Latin American countries, and it constitutes an immensely important complement to my formation. I congratulate the organizers and encourage them to continue to develop complex and high quality academic courses, so as to contribute to the development of spine surgery in Latin America.”

Gerardo Taylor
Virtual Courses participant

Advanced Courses

MODULE I TUMOR AND DEFORMITY

DATE
April 18, 2015

CHAIRPERSONS
Néstor Fiore ARG
Asdrubal Falavigna BRA

FACULTY
Carlos Montero COL
Roberto Postigo CHL
William Teixeira BRA

NUMBER OF PARTICIPANTS IN AUDITORIUM
36

NUMBER OF PARTICIPANTS VIA INDIVIDUAL CONNECTIONS
154

MODULE II TRAUMA

DATE
June 06, 2015

CHAIRPERSONS
Néstor Fiore ARG
Asdrubal Falavigna BRA

FACULTY
Alejandro Betemps ARG
Alexandre Sadao BRA
Mario Herrera COL

NUMBER OF PARTICIPANTS IN AUDITORIUM
26

NUMBER OF PARTICIPANTS VIA INDIVIDUAL CONNECTIONS
153

MODULE III INFECTION, INFLAMMATORY AND IMG

DATE
October 03, 2015

CHAIRPERSONS
Néstor Fiore ARG
Asdrubal Falavigna BRA

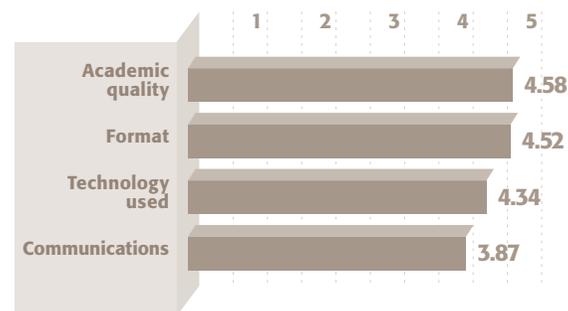
FACULTY
Eduardo von Uhendorff BRA
Martín Tejada MEX
Pablo Vela COL

NUMBER OF PARTICIPANTS IN AUDITORIUM
28

NUMBER OF PARTICIPANTS VIA INDIVIDUAL CONNECTIONS
141

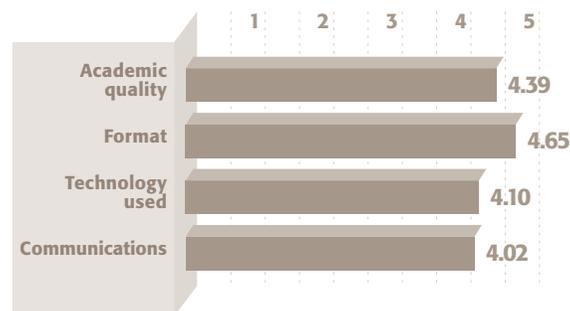
MODULE I EVALUATION

Reference values: 1 (low score) to 5 (high score)



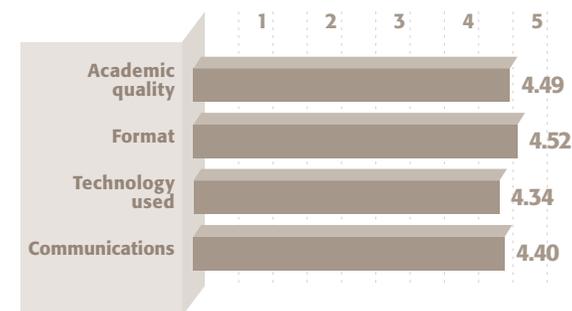
MODULE II EVALUATION

Reference values: 1 (low score) to 5 (high score)



MODULE III EVALUATION

Reference values: 1 (low score) to 5 (high score)



MODULE IV INFLAMMATORY AND DEGENERATION

DATE

November 21, 2015

CHAIRPERSONS

Néstor Fiore ARG

Asdrubal Falavigna BRA

FACULTY

Alfredo Vasquez PER

Emiliano Vialle BRA

José Duran Dautant VEN

Marcelo Gruenberg ARG

Video (10) 2015 TEIXEIRA.pptx

Masculino, 31 anos
- Dor coccígea após traumatismo local – resolução espontânea da dor.
- Neurológico normal.

Diagnóstico posible?
- Debe hacerse una biopsia?
- Cómo?

Chat (10/10)

rafael moraes, brazil: interjeção...
Néstor Fiore, Argentina: como diferenciar trauma de tumor a1?
Miguel Angel Espinal Lendoi, Venezuela: tumor, una biopsia percutanea
Luis Miguel Duchén Rodríguez, Bolivia: está escribiendo.

AOSpine

↑ 25 years old.
•Motorcycle accident
•ASIA E, right C6 radicular pain
•No other lesions
•Fall from motorcycle seven days ago
•Look for hospital with neck pain

What exams ?

- CT
- MRI
- Dinamic Rx

Education Meetings



AOLAT Faculty Retreat

The VII AOLAT Faculty Retreat gathered surgeons from all four clinical divisions and several Latin American countries to discuss and share experiences about education in the 21st century. The retreat took place in Panama City and had 17 Faculty members coordinating the activities, which were spread over three days. Sergio Fernandez was among the guest speakers who shared their knowledge with the 60 participants from CMF, Trauma, VET and, of course, Spine.

AOLAT FACULTY RETREAT

DATE

April 23–25, 2015

VENUE

Hilton Hotel–Panama City, Panama

FACULTY AOSPINE

Alexandre Sadao, Asdrubal Falavigna, Juan Emmerich, Roberto Chapa

PARTICIPANTS AOSPINE

Alexander Valverde, Alfonso Basurco, Cristian Illanes, Ernesto Fleites, Giovanni Ureña, Jerônimo Milano, Juan Marcelo Sea Aramayo, Manuel Valencia, Marlon Díaz Fabelo, Martha Hernández Galvéz, Miguel Berbeo, Néstor Fiore, Oscar Martínez, Raúl Arjona, Robert Meves

AOSPINE

Antonio Machado, Carlos Montero

TOPICS DISCUSSED

- Educational objectives, delivery and policies
- Educational techniques
- AO Education Institute
- Educational results evaluation and assessment
- Faculty education and training
- Flipped classroom
- Trends in medical education

Education Strategic Meeting

Buenos Aires once again hosted a strategic meeting on education for AOSpine Latin America. The meeting took place in September and focused on reassessing current projects, discussing strategies for the future and defining the next steps regarding educational activities in the region.

EDUCATION STRATEGIC MEETING

DATE

September 25–26, 2015

VENUE

Four Seasons Hotel–Buenos Aires, Argentina

BOARD MEMBERS

**Asdrubal Falavigna, Juan Emmerich, Robert Meves,
Roberto Chapa**

GUEST

Néstor Fiore

AOSPINE

Antonio Machado, Carlos Montero

INDUSTRIAL PARTNER

Gustavo Cristancho

TOPICS DISCUSSED

- **Educational plan**
- **Continued Education Program**
- **Online education strategy**





Global Spine Congress 2015

The Global Spine Congress which was held in Buenos Aires last May was a huge success, not only managing to achieve our plans and expectations, but surpassing all of our previous projections.

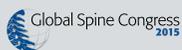
The number of participants enrolled, the level of abstracts presented and the relaxed cosmopolitan environment were a perfect setting for this academic event, which has been continuously expanding since the first edition in San Francisco in 2009.

The combination of the papers presented, the discussions, symposia and updates given by the Knowledge Forums resulted in a very attractive program, which we know will benefit our patients and stimulate the production of further academic studies in the region.

The next GSC, in Dubai 2016, will consolidate many of the achievements accomplished at the Buenos Aires event – an event where our region once again demonstrated the strong role played by AOSpine in Latin America.

Marcelo Gruenberg
GSC 2015 Local Host





The World Comes to Latin America: Global Spine Congress 2015

This year, the Global Spine Congress took place in Latin America for the first time since its inaugural edition in San Francisco in 2009. AOSpine International's flagship annual academic meeting was hosted in the cosmopolitan city of Buenos Aires, from May 20 to 23. The event, which counted 1200 participants from all around the world, received the highest number of abstract submissions in its history and was a clear success.

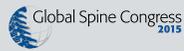
Past Events

GLOBAL SPINE CONGRESS IN FIGURES



The four-day event was hosted at the Sheraton Buenos Aires Hotel & Convention Center and featured an entire Spanish speaking program running parallel to the English one, which meant that 105 abstract submitters were also selected to present their work in Spanish. This special aspect contributed to turning the event into a truly international platform and experience, giving participants the opportunity to interact and explore future innovations in spine surgery.

As usual, the GSC was open to all surgeons, spine practitioners, health professionals and researchers interested in advancing their further education on spine pathologies. All levels of participation were warmly welcomed in Argentina's capital: from experienced lecturers and presenters to novice surgeons who simply wanted to listen and debate the issues raised during interactive sessions.



Program and Organization

The event was comprised of several different activities running over the course of four days, stretching from plenary sessions and symposia to scientific paper sessions, international poster sessions and guest societies symposia. The size and structure of the GSC makes it an ideal opportunity for presenting papers, meeting colleagues from the spine surgery field and exchanging knowledge on how to improve patient care.

The GSC 2015 was organized based on four types of activities:

- **4 parallel sessions (one in Spanish)**
- **320 oral presentations**
- **10 regional and international societies' sessions**
- **8 AOSpine sessions**

REGIONAL SOCIETIES PRESENT AT THE GSC 2015

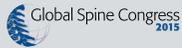
American Association of Neurological Surgeons – AANS
Brazilian Society of Neurosurgery – SBN
Cervical Spine Research Society – CSRC
Colombian Society of Orthopedics and Trauma – SCCOT
Argentinean Society of Neurosurgery
North American Spine Society – NAAS
Brazilian Spine Society – SBC
Colombia Association of Neurosurgery
Mexican Association of Spine Surgeons
Argentinean Spine Society



“The Global Spine Congress in Argentina was a unique experience. The quality of the Faculty, the abstracts presented and discussed in English and Spanish, and the organization of the event were remarkable, as was the academic presence of the different societies from Latin American countries. These activities created an unparalleled environment of friendliness and knowledge exchange of the highest quality, making the GSC a must-go event.”

Barón Zárate

GSC participant and Mexico Community Development Officer



The AOSpine symposia also featured four Knowledge Forum sessions, focusing on tumors, spinal cord injury and trauma, degeneration and deformities.

The event's academic organization was performed by the Congress Executive Committee, composed of Jeffrey Wang, Michael Grevitt and two local hosts: Marcelo Gruenberg and Ernesto Bersusky. In addition, a Regional Organizing Committee composed of Latin American doctors shared some of the responsibilities of carrying out the event and scientific program.

Congress Executive Comitee

CHAIR

SCIENTIFIC CHAIR

LOCAL HOST

LOCAL HOST



**Jeffrey
Wang**



**Michael
Grevitt**



**Marcelo
Gruenberg**



**Ernesto
Bersusky**

Regional Organizing Committee

REGIONAL CHAIR

Roberto Chapa

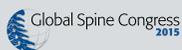
LOCAL CO-CHAIRS

**Marcelo Gruenberg
Ernesto Bersusky**

REGIONAL REPRESENTATIVES

**Luíz Vialle, Osmar Moraes, Carlos Tucci,
Mario Taricco and Pablo Vela**





“Having the GSC 2015 in Buenos Aires was a big mark of recognition for Latin American spine surgeons, a group that grows continuously every day. The region did not just play host, but felt fully involved in the program’s sessions, as a Spanish-language auditorium was included with a large number of participants and surgeons from the higher academic level.

I had the chance to participate in sessions with world opinion leaders on oncological surgery, deformities and degeneration, who provided us with high value education that was of the utmost relevance for our daily practice.

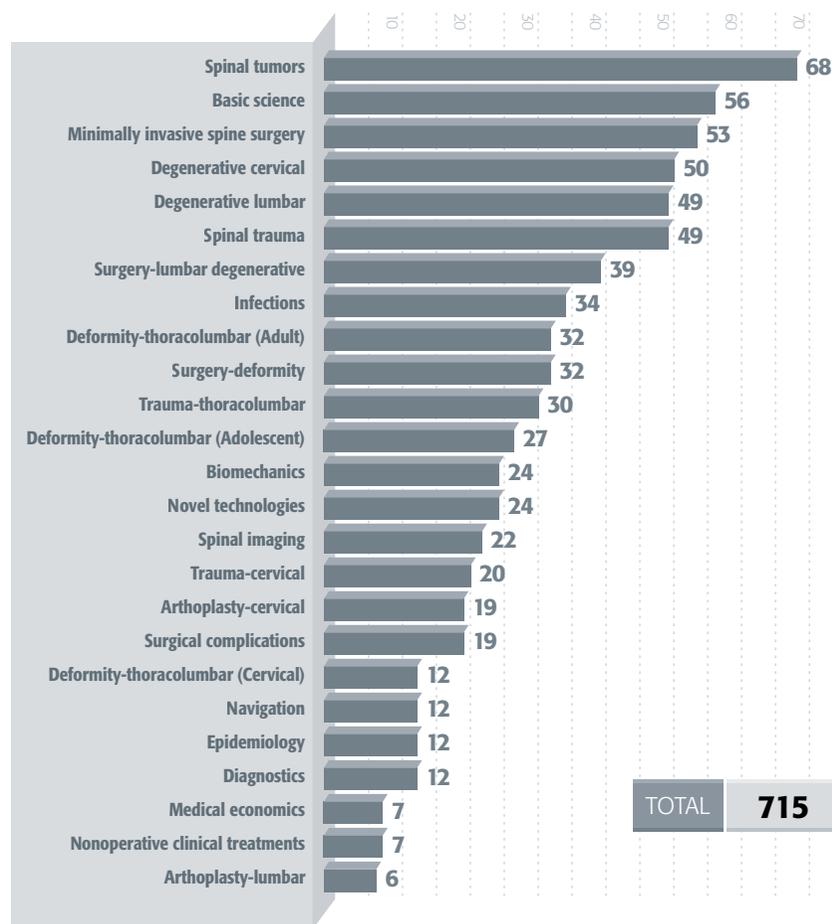
As usual, the event was carried out according to AOSpine’s guidelines: an informal and relaxed environment, among friends, where the participation of colleagues flowed naturally and was very fruitful. I hope events of this level continue to be brought to Latin America in the next years.

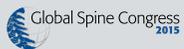
Nicolás Masanés González

GSC participant and former AOSpine fellow

The Program Committee included 71 Latin American Faculty members, who also assisted with the abstracts review and submission process. Latin America was the region with the second largest number of abstract submissions (178 in total), which demonstrated the growing interest of local surgeons in taking part in the academic activities.

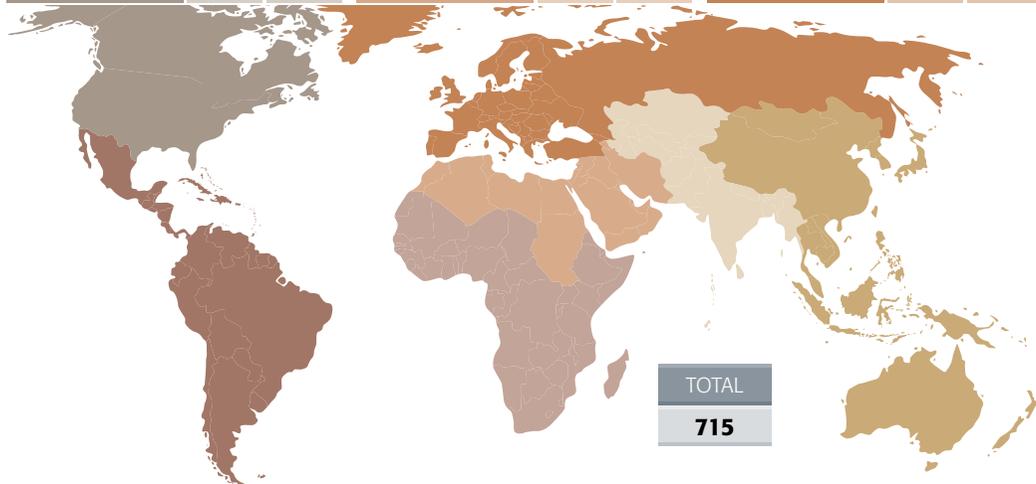
Submissions by topic





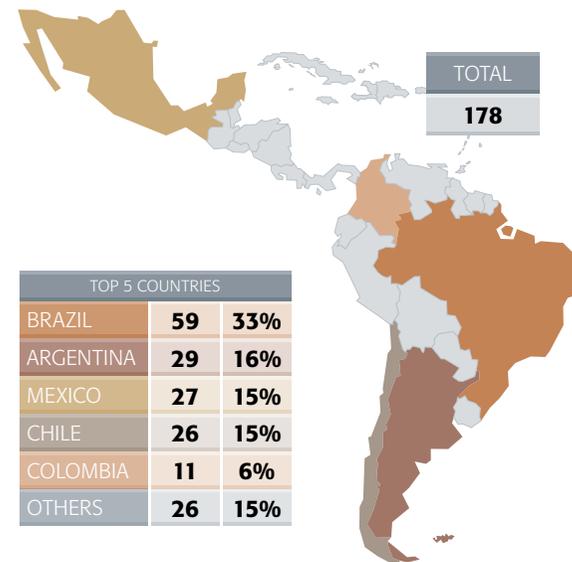
Submissions per region

NORTH AMERICA	130	18%	MIDDLE EAST	33	5%	EUROPE	200	28%
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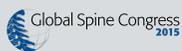
LATIN AMERICA	178	25%	AFRICA	9	1%	ASIA PACIFIC	165	23%
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Submissions in Latin America



TOP 5 COUNTRIES		
BRAZIL	59	33%
ARGENTINA	29	16%
MEXICO	27	15%
CHILE	26	15%
COLOMBIA	11	6%
OTHERS	26	15%



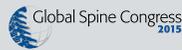


Impact in the Region

The AOSpine community in Latin America was thrilled to host the event for the first time. The successful realization of the Congress proved that the continent is fully capable of holding events of this magnitude and that the international participants will be warmly welcomed by the locals.

Bringing the GSC to the region had a large educational impact for Latin American surgeons, as they had the opportunity to see world leaders in spine pathologies presenting the newest surgical techniques and high level research. The large number of abstract submissions from the nearby countries also showed that researchers and doctors want to get involved and collaborate with the international scientific community, which stands as a testament to knowledge development in spine surgery in the region.





AOSLA Awardees

In consideration of the high number of abstract submissions from Latin American doctors, AOSLA promoted a successful initiative to reward the participation of the surgeons from the region. Following a thorough assessment, the five best abstracts from the continent had their travel costs covered by the organization, providing surgeons with valuable support in helping them participate in the Congress. The awardees and the respective abstract titles are presented next.

ABSTRACT TITLE

Spondylolysis and spina bifida occulta in pediatric patients: prevalence study using computed tomography as a screening tool

TOPIC

Epidemiology

AUTHOR

Julio Urrutia

PRESENTER

Jorge Cuellar

INSTITUTION

Pontificia Universidad Catolica de Chile

CITY, COUNTRY

Santiago, Chile

TOTAL AVERAGE SCORE

4.6

ABSTRACT TITLE

Does the prevalence of spondylolysis and spina bifida occulta observed in pediatric patients remain stable in adults?

TOPIC

Epidemiology

AUTHOR

Julio Urrutia

PRESENTER

Julio Urrutia

INSTITUTION

Pontificia Universidad Catolica de Chile

CITY, COUNTRY

Santiago, Chile

TOTAL AVERAGE SCORE

4.6

ABSTRACT TITLE

Functional recovery and in vivo cell tracking after human adipose tissue derived stem cells therapy for experimental spinal cord injury

TOPIC

Basic Science

AUTHOR

Emiliano Vialle

PRESENTER

Emiliano Vialle

INSTITUTION

Cajuru Hospital

CITY, COUNTRY

Curitiba, Brazil

TOTAL AVERAGE SCORE

4.0

ABSTRACT TITLE

Randomized clinical study on surgical techniques with different pedicle screw densities in the treatment of adolescent idiopathic scoliosis types Lenke 1A and 1B

TOPIC

Deformity–Thoracolumbar (Adolescent)

AUTHOR

Alberto Gotfryd

PRESENTER

Alberto Gotfryd

INSTITUTION

Santa Casa de Santos

CITY, COUNTRY

Santos, Brazil

TOTAL AVERAGE SCORE

4.0

ABSTRACT TITLE

Avoiding infertility after SCI by hyperbaric oxygenation therapy

TOPIC

Spinal Trauma

AUTHOR

Asdrubal Falavigna

PRESENTER

Elisa Braun Rizkalla

INSTITUTION

Universidade de Caxias do Sul

CITY, COUNTRY

Caxias do Sul

TOTAL AVERAGE SCORE

4.0

“*The initial announcement that the GSC was to take place in Latin America for the first time was in itself very rewarding, and we began work on our collaboration to host this event successfully almost immediately. It was an honor for the entire region, which for years has held a distinguished position through the education given to its spine professionals.*

To have this important event in my country, with the participation of specialists from all around the world sharing their experiences in a friendly and pleasant environment, was wonderful. The activity, taking place in compliance with the strict timeframes and quality standards of AOSpine, was enjoyed by each and every one of the participants in a respectful and responsible manner, helping everyone involved to benefit from it.

I learned a lot from all of the colleagues and hope that this successful event can be hosted in the region again sometime soon, as it proved up to the task of organizing an activity of this size. Thank you AOSpine International for selecting Argentina to host the event, and congratulations to AOSLA for supporting these events!”

Pedro Bazán

GSC participant and Argentina Delegate

EDUCATIONAL ACTIVITIES 2015

EDUCATIONAL ACTIVITIES STATISTICS	73
ARGENTINA	75
AOSpine Principles Seminar for Residents and Fellows – Degeneration Buenos Aires – March 27, 2015	76
AOSpine Advanced Seminar – Oncology and Basic Research Applications Buenos Aires – July 02–03, 2015	77
AOSpine Advanced Level Trans-Congress Seminar (Neuropinamar) Pinamar – November 27–28, 2015	77
BOLIVIA	78
AOSpine Seminar – Clinical Investigation La Paz – August 14, 2015	78
AOSpine Principles Seminar – Deformity La Paz – August 14–15, 2015	78
BRAZIL	79
AOSpine Principles Seminar for Residents and Interns Sao Paulo – February 27–28, 2015	80
AOSpine Multispecialty Course – AOne Research Meeting 2015 Sao Paulo – April 10–11, 2015	81
AOSpine Masters Level Pre-Congress Symposium – Update on Cervical Spine Themes Belo Horizonte – April 18, 2015	81
AOSpine Principles Course Sao Paulo – June 11–13, 2015	82
AOSpine Advanced Symposium – Spine Surgery on Elder Patients with Osteoporosis Porto Alegre – October 02–03, 2015	82
CHILE	83
AOSpine Principles Seminar – Degeneration II Santiago – June 25, 2015	84
AOSpine Principles Seminar – Infection and Inflammatory Santiago – October 08, 2015	84
COLOMBIA	85
AOSpine Principles Seminar for Residents – Degenerative Spine Villa de Leyva – September 18–19, 2015	86
AOSpine Advanced Level Trans-congress Seminar (ACN) – Spondylolisthesis: Current Treatment Approaches Bucamaranga – October 17, 2015	87
AOSpine Advanced Symposium – Clinical Challenges and Re-interventions in Degeneration, Infection and Inflammatory Bogota – November 06–07, 2015	87
COSTA RICA	88
AOSpine Advanced Seminar – Sagittal Balance of the Spine San Jose – October 31, 2015	88
CUBA	89
AOSpine Principles Seminar for Residents – Trauma and Deformity Cienfuegos – May 08, 2015	89
DOMINICAN REPUBLIC	90
AOSpine Advanced Seminar – Tumor and Infection Santo Domingo – September 19, 2015	90

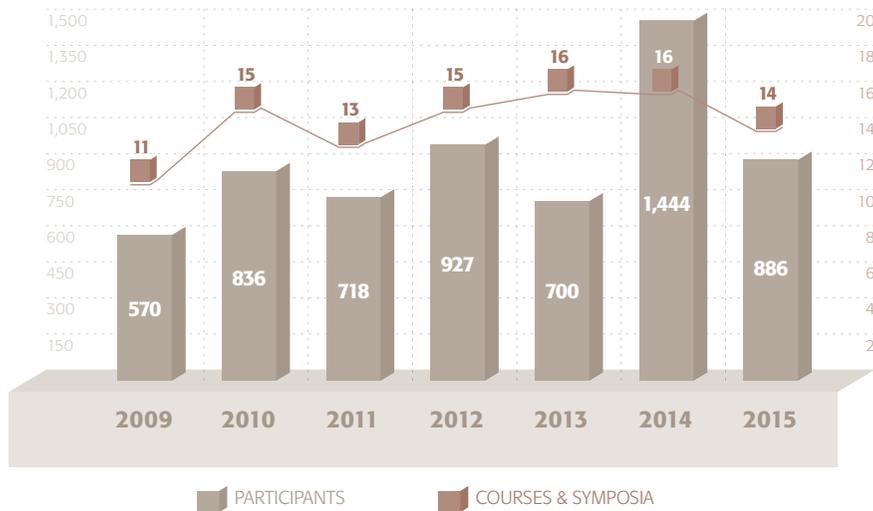
 ECUADOR	91	 PANAMA	99
AOSpine Principles Level Trans-Congress Seminar (SEOT) – Spinal Trauma Quito – April 10, 2015	92	AOSpine Advanced Level Central American Symposium – Trauma Panama City – July 31–August 01, 2015	100
AOSpine Principles Level Pre-Congress Seminar (SEOT) – Trauma and Degeneration Guayaquil – August 12, 2015	92	AOSpine Advanced Seminar – Update on Cervical Pathologies Panama City – November 20, 2015	100
AOSpine Advanced Level Trans-Congress Seminar (SENC) – Trauma and Deformity Guayaquil – September 25, 2015	93	 PERU	101
AOSpine Advanced Seminar – Degeneration Quito – November 14, 2015	93	AOSpine Principles Seminar – Degenerative Spine Lima – March 21, 2015	102
 GUATEMALA	94	AOSpine Advanced Level Pre-Congress Seminar (SILACO/ASPECIVE) – Minimally Invasive Surgery Lima – October 28, 2015	102
AOSpine Advanced Seminar – Tumor and Infection Guatemala City – September 18–19, 2015	94	 URUGUAY	103
 JAMAICA	95	AOSpine Advanced Symposium – Cervical and Lumbar Spine Montevideo – November 20–21, 2015	103
AOSpine Advanced Level Trans-Congress Seminar – Trauma and Deformity Montego Bay – January 31, 2015	95	 VENEZUELA	104
 MEXICO	96	AOSpine Advanced Symposium – Complications Maturin – January 23–24, 2015	106
AOSpine Principles Course Mexico City – June 05–06, 2015	97	AOSpine Advanced Level Trans-Congress Seminar (SVNC) – Complications in Spinal Instrumentation Caracas – October 16, 2015	106
AOSpine Advanced Symposium – Degeneration Mexico City – June 05–06, 2015	98	REGIONAL COURSES	107
AOSpine Advanced Level Pre-Congress Symposium (AMCICO) – Complications Puerto Vallarta – July 02, 2015	98	AOSpine Advanced Level Anatomical Specimen Course – Oncological Vertebral Resections Palm Beach – February 06–07, 2015	107
		AOSpine Principles Level Anatomical Specimen Course – Degeneration Palm Beach – August 28–29, 2015	108
		AOSpine Advanced Level Anatomical Specimen Course Palm Beach – August 31–September 01, 2015	108

Once again, AOSpine achieved a progressive academic development in Latin America, as shown in the data presented next. Important academic events, anatomical specimen courses and symposia were performed throughout 2015 in different countries of the region. All the events were Curriculum-aligned and had their programs based on the AOSpine Principles, competencies and learning outcomes, which decidedly enhanced the quality of the educational offers.

	2009	2010	2011	2012	2013	2014	2015
Courses & Symposia	11	15	13	15	16	16	14
Participants	570	836	718	927	700	1,444	886
Seminars	32	37	32	28	38	39	29
Participants	1,394	1,570	2,006	2,161	2,452	2,470	2,243
Educational Days X Participants	3,660	3,770	3,994	4,191	4,202	4,929	3,831

The number of educational activities in 2015 has been strategically lowered due to the GSC.

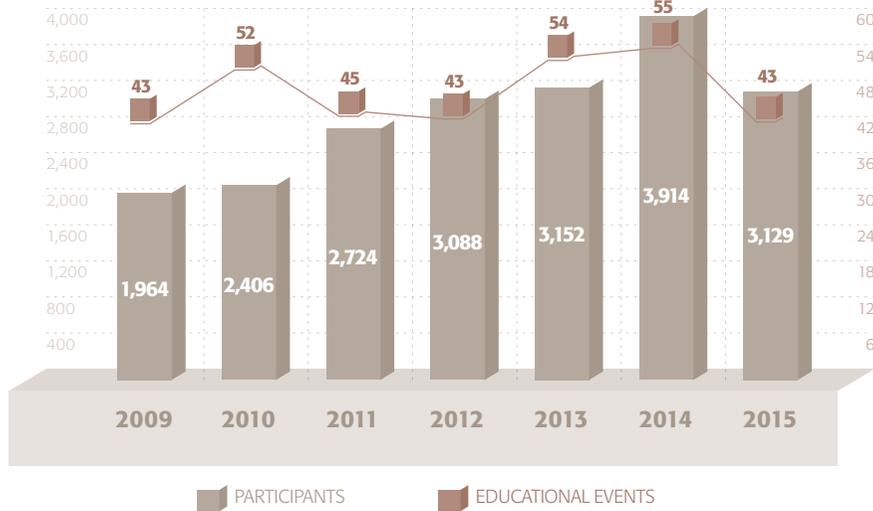
COURSES & SYMPOSIA 2009–2015



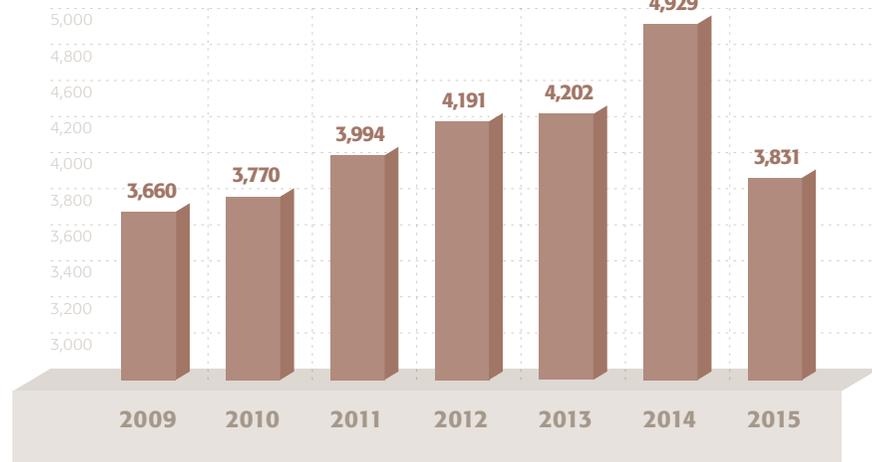
SEMINARS 2009–2015



EDUCATIONAL EVENTS 2009–2015



EDUCATIONAL DAYS X PARTICIPANTS 2009–2015





ARGENTINA



We are now nearing the end of 2015, a year in which several of our organization's academic activities were held in Argentina.

In March, we carried out the Principles Seminar on degeneration for residents and fellows, with the participation of local doctors. The activity approached different controversial themes, with special attention paid to the handling of the cervical and lumbar spine, besides deformities and minimally invasive techniques. The course took place at the DePuy Synthes Auditorium, and followed the characteristic AOSpine format with case presentations, discussions and lectures by Faculty members. The seminar constituted a great contribution to surgeons still in formation.

In July, the GSC 2015 was hosted at the Sheraton Hotel in Buenos Aires, a congress with a huge attendance rate, gathering participants from all around the world. The high participation numbers demonstrated the capacity for hosting larger academic

events in Latin American cities and can be seen as the initial step towards future global impact congresses.

Lastly, also in July, we developed an update course on oncological spine and research database activities, which had over 50 participants including many regional and national Faculty members. The course presented the latest findings on the handling of oncological pathologies of the spine, as well as case discussions and interaction between the participants. The research activity was also very valuable for the surgeons, presenting the newest updates on publication methodology, and receiving high levels of interest and participation.

We hope to continue on this teaching-learning trajectory, developing more events next year and carrying on with the activities of our educational community.

Marcelo Valacco
Argentina Council Chairperson



AOSpine Principles Seminar for Residents and Fellows – Degeneration

March 27, 2015 – Buenos Aires, Argentina

VENUE
**DePuy Synthes
Institute
Buenos Aires,
Argentina**

CHAIRPERSON
Marcelo Valacco ARG

NATIONAL FACULTY
**Felix Imposti
Juan Pablo Guyot
Julio Bassani**

REGISTRATION FEE
Free

NUMBER OF PARTICIPANTS
8

Course Evaluation		Overall Course Evaluation 4.55 out of 5
Average Faculty Performance	4.92 <small>out of 5</small>	
Average Importance to Daily Practice	4.90 <small>out of 5</small>	
Scientific Program Content	4.75 <small>out of 5</small>	
Quality of Material Received	3.50 <small>out of 5</small>	
Course Facilities	4.67 <small>out of 5</small>	



AOSpine Advanced Seminar – Oncology and Basic Research Applications

July 02–03, 2015 – Buenos Aires, Argentina

VENUE

**Hotel NH City
Buenos Aires,
Argentina**

CHAIRPERSON

Juan Pablo Guyot ARG

VIRTUAL EDUCATIONAL ADVISOR

Asdrubal Falavigna BRA

REGIONAL FACULTY

William Teixeira BRA

NATIONAL FACULTY

Eduardo Galaretto
Ernesto Bersusky
Federico Gelosi
Felix Imposti
Gabriel Rositto
Marcelo Gruenberg
Marcelo Valacco
Marina Khoury
Matías Borensztein
Mauro Tropini
Néstor Fiore
Pedro Bazán

REGISTRATION FEE

Members: USD 100
Non-members: USD 150

NUMBER OF PARTICIPANTS

34

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.25 <small>out of 5</small>	
Average Importance to Daily Practice	4.34 <small>out of 5</small>	
Scientific Program Content	4.00 <small>out of 5</small>	
Quality of Material Received	3.27 <small>out of 5</small>	
Course Facilities	3.84 <small>out of 5</small>	
		3.94 <small>out of 5</small>



AOSpine Advanced Level Trans-Congress Seminar (Neuropinamar)

November 27–28, 2015 – Pinamar, Argentina

VENUE

**Marcin Hotel Cariló
Pinamar, Argentina**

CHAIRPERSON

Pablo Jalón ARG

VIRTUAL EDUCATIONAL ADVISOR

Juan Emmerich ARG

REGIONAL FACULTY

Mario Taricco BRA
Roberto Postigo CHL

NATIONAL FACULTY

Jorge Lambre
Juan Mezzadri
Marcelo Valacco

REGISTRATION FEE

**Free for congress
participants**

NUMBER OF PARTICIPANTS

84

CANCELLED ACTIVITY

AOSpine Principles Seminar – Degeneration

September 04, 2015 – Buenos Aires



BOLIVIA



AOSpine Seminar – Clinical Investigation

August 14, 2015 – La Paz, Bolivia

VENUE
Hotel Casa Grande
La Paz, Bolivia

CHAIRPERSON
Asdrubal Falavigna BRA

REGIONAL FACULTY
Roberto Chapa MEX

REGISTRATION FEE
USD 15

NUMBER OF PARTICIPANTS
36



AOSpine Principles Seminar – Deformity

August 14-15, 2015 – La Paz, Bolivia

VENUE
Hotel Casa Grande
La Paz, Bolivia

CHAIRPERSONS
Juan Marcelo Sea
Aramayo BOL
Roberto Chapa MEX

REGIONAL FACULTY
Asdrubal Falavigna BRA
Eduardo Galaretto ARG

NATIONAL FACULTY
Eddy Antonio Dorado
Fernando Martín Rocabado
Jaime Linares
Luis Duchén Rodríguez
Marco Paredes Nuñez
Rene Torrejon

REGISTRATION FEE
Members: USD 200
Non-members: USD 300

NUMBER OF PARTICIPANTS
25

Course Evaluation		Overall Course Evaluation 4.18 out of 5
Average Faculty Performance	4.45 <small>out of 5</small>	
Average Importance to Daily Practice	4.51 <small>out of 5</small>	
Scientific Program Content	4.47 <small>out of 5</small>	
Quality of Material Received	3.53 <small>out of 5</small>	
Course Facilities	3.96 <small>out of 5</small>	



BRAZIL



Within AOSpine's regional and global organization, the Brazilian Chapter's main functions are the development of educational projects, the identification of national Faculty through their local efforts with their subsequent integration into the Latin American activities, the support of the Fellowship programs and the development of knowledge in the region.

In order to achieve these goals, the Brazilian Chapter organized one Principles Seminar and Course in 2015, as well as one Advanced and one Master Symposia. The Chapter also participated in the four main events on spine surgery in Brazil.

This intense activity was noticed and well received by the community, which is demonstrated in the high membership rates observed during this period.

The task of replacing Alexandre Sadao as Chairperson of the Brazilian Chapter represents a great responsibility, which I take over wholeheartedly and filled with enthusiasm. To keep up the work that has been developed so far is already a considerable ambition, but if we employ enough energy and competence we will be able to intensify our activities to generate even more knowledge, especially in light of the recent conjunction of the areas of Research and Education.

Albert Brasil
Brazil Council Chairperson



AOSpine Principles Seminar for Residents and Interns

February 27–28, 2015 – Sao Paulo, Brazil

VENUE

**Hotel Mercure
Ibirapuera
Sao Paulo, Brazil**

CHAIRPERSONS

Jerônimo Milano BRA
Mario Taricco BRA

NATIONAL FACULTY

Aberto Capel
Alberto Gotfryd
Alexandre Fogaça
Alexandre Sadao
Délio Martins
Eduardo von Uhlendorff
**Luiz Gustavo Dal'Oglio
da Rocha**
Roger Brock
William Teixeira

REGISTRATION FEE

Members: USD 77
Non-members: USD 115

NUMBER OF PARTICIPANTS

41

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.81 <small>out of 5</small>	
Average Importance to Daily Practice	4.88 <small>out of 5</small>	
Scientific Program Content	4.72 <small>out of 5</small>	
Quality of Material Received	3.50 <small>out of 5</small>	
Course Facilities	4.35 <small>out of 5</small>	
		4.45 <small>out of 5</small>



AOSpine Multispecialty Course – AOne Research Meeting 2015

April 10–11, 2015 – Sao Paulo, Brazil

VENUE

Sheraton Hotel WTC
Sao Paulo, Brazil

CHAIRPERSONS

Asdrubal Falavigna BRA
Cassio Ferrigno BRA
Marisa Gabrielli BRA
William Dias Belangero
BRA

REGIONAL FACULTY

Shandler Tovar PER

NATIONAL FACULTY

Alberto Gotfryd
Angela Tavares Paes
Antonio Tufi Neder Filho
Denise Fantone
Emiliano Vialle
Fernando José Ibanez
Matheus Azi
Osmar Moraes
Paulo Barbosa
Ricardo Botelho
Vincenzo Giordano
William Teixeira

REGISTRATION FEE

USD 76

NUMBER OF PARTICIPANTS

44

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.45 <small>out of 5</small>	
Average Importance to Daily Practice	4.43 <small>out of 5</small>	
Scientific Program Content	4.69 <small>out of 5</small>	
Quality of Material Received	4.00 <small>out of 5</small>	
Course Facilities	4.18 <small>out of 5</small>	
		4.35 <small>out of 5</small>



AOSpine Masters Level Pre-Congress Symposium – Update on Cervical Spine Themes

April 18, 2015 – Belo Horizonte, Brazil

VENUE

Expominas
Belo Horizonte, Brazil

CHAIRPERSON

Luiz Vialle BRA

EDUCATIONAL ADVISOR

Alexandre Sadao BRA

INTERNATIONAL FACULTY

Alexander Vaccaro USA
Charles Fisher CAN
Daniel Riew USA
Manabu Ito JPN
Stefano Boriani ITA

NATIONAL FACULTY

Emiliano Vialle
Geraldo Sá Carneiro
Luís Eduardo Carelli
Osmar Moraes
Ricardo Ribeiro

REGISTRATION FEE

Free for congress
participants

NUMBER OF PARTICIPANTS

207



AOSpine Principles Course

June 11–13, 2015 – Sao Paulo, Brazil

VENUE

**Hotel Grand Mercure
Ibirapuera
Sao Paulo, Brazil**

CHAIRPERSONS

Alberto Gotfryd BRA
**Luiz Gustavo Dal'Oglio da
Rocha** BRA

EDUCATIONAL ADVISOR

Alexandre Sadao BRA

REGIONAL FACULTY

Juan Emmerich ARG
Néstor Taboada COL

NATIONAL FACULTY

Alexandre Boss Jaccard
Asdrubal Falavigna
Daniel Ciampi
Délio Martins
Eduardo von Uhlendorff
Guilherme Meyer
Jerônimo Milano
Nelson Astur Neto
Olavo Letaif
Ricardo Umeta
Robert Meves
Roger Brock
William Teixeira

REGISTRATION FEE

Members: USD 840
Non-members: USD 970

NUMBER OF PARTICIPANTS

49

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.72 <small>out of 5</small>	
Average Importance to Daily Practice	4.80 <small>out of 5</small>	
Scientific Program Content	4.32 <small>out of 5</small>	
Quality of Material Received	3.68 <small>out of 5</small>	
Course Facilities	4.28 <small>out of 5</small>	
		4.36 <small>out of 5</small>



AOSpine Advanced Symposium – Spine Surgery on Elder Patients with Osteoporosis

October 02–03, 2015 – Porto Alegre, Brazil

VENUE

**Sheraton Hotel
Porto Alegre, Brazil**

CHAIRPERSON

Albert Brasil BRA

EDUCATIONAL ADVISOR

Emiliano Vialle BRA

INTERNATIONAL FACULTY

Jean-Jacques Abitbol USA
John Webb GBR
Paul Heini CHE

REGIONAL FACULTY

Manuel Valencia CHL

NATIONAL FACULTY

Alexandre Boss Jaccard
Alexandre Sadao
Asdrubal Falavigna
Carlos Severo
Ericson Sfreddo
Osmar Moraes
Ricardo Ribeiro
Samuel Conrad

GUEST

Kelly Krohn USA

REGISTRATION FEE

Members: USD 170
Non-members: USD 240

NUMBER OF PARTICIPANTS

71

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.42 <small>out of 5</small>	
Average Importance to Daily Practice	4.47 <small>out of 5</small>	
Scientific Program Content	4.25 <small>out of 5</small>	
Quality of Material Received	3.35 <small>out of 5</small>	
Course Facilities	3.70 <small>out of 5</small>	
		4.04 <small>out of 5</small>



CHILE



As was the case in other countries, AOSpine also demonstrated its leadership in spine surgery education, research and health promotion in Chile in 2015.

In May, we had the opportunity to participate in the latest Global Spine Congress in Buenos Aires, Argentina, with 25 Chilean spine surgeons attending and contributing with 16 papers, one lecture and two poster presentations.

In Santiago, our Country Council carried out two Principles Seminars for residents in accordance with the AOSpine Curriculum framework: the seminar on degenerative spine on June 25, and the seminar on infection and inflammatory diseases on October 08.

In the research field, our Board is running national and international multicenter investigations in spinal metastases, fracture classification, dysphagia and odontoid fractures.

We very much appreciate the support from AOSpine Latin America with its aim of improving our practice in the country and helping gather more members around this organization. Finally, I would like to highlight the incorporation of Felipe Rossel as Education Officer Neuro in Chile and invite other orthopedics and neurosurgery Faculty members to get involved in our activities.

Manuel Valencia
Chile Council Chairperson



AOSpine Principles Seminar – Degeneration II

June 25, 2015 – Santiago, Chile

VENUE

Hotel Plaza El Bosque
Santiago, Chile

CHAIRPERSONS

Felipe Rossel CHL
Franco Ravera CHL

NATIONAL FACULTY

Álvaro Silva
Claudio Dintrans
Cristian Matus
Enrique Concha Julio
Juan José Zamorano
Mauricio Campos Daziano
Patricio Yokota
Ratko Yurac
Rodrigo Vallejo

REGISTRATION FEE

USD 60

NUMBER OF PARTICIPANTS

31

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	3.97 <small>out of 5</small>	
Average Importance to Daily Practice	4.21 <small>out of 5</small>	
Scientific Program Content	3.57 <small>out of 5</small>	
Quality of Material Received	3.14 <small>out of 5</small>	
Course Facilities	3.84 <small>out of 5</small>	
		3.75 <small>out of 5</small>



AOSpine Principles Seminar – Infection and Inflammatory

October 08, 2015 – Santiago, Chile

VENUE

Hotel Plaza El Bosque
Santiago, Chile

CHAIRPERSON

Claudio Dintrans CHL

NATIONAL FACULTY

Álvaro Silva
Aliro San Martín
Cristian Matus
Felipe Rossel
Jorge Garrido
José Antonio Espinosa
Marcos Ganga
Mauricio Campos Daziano
Ratko Yurac

REGISTRATION FEE

USD 60

NUMBER OF PARTICIPANTS

32

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.56 <small>out of 5</small>	
Average Importance to Daily Practice	4.61 <small>out of 5</small>	
Scientific Program Content	3.81 <small>out of 5</small>	
Quality of Material Received	3.14 <small>out of 5</small>	
Course Facilities	3.59 <small>out of 5</small>	
		3.94 <small>out of 5</small>



COLOMBIA



This year stood out as a significantly positive one for Colombia. Thanks to the combined efforts of our Chapter and local partners, we were able to consolidate our role as a leading educational community.

As has now become tradition in Colombia, the AOSLA Virtual Courses were presented via the auditoriums, as well as through the individual connections from home, providing participants with case discussions about different topics. This year we thank the Los Nogales practice, the Santafé de Bogotá Foundation, the Central Military Hospital, the San Ignacio Hospital and the San José Pediatric Hospital for hosting these successful activities.

In the first half of 2015, most of the region's efforts were focused on the Global Spine Congress, which took place in Buenos Aires. In the second half, we hosted the successful Principles Seminar for residents chaired by Constanza Bedoya, an event on degeneration which offered great interaction between Faculty and participants.

Later on in the year, and thanks to the close relationship developed with the Colombian Neurosurgery Association, we performed an Advanced Seminar on

spondylolisthesis in Bucaramanga, chaired by Nelson Morales. This event took place during the 7th ACN International Symposium on Spine Surgery, which emphasized diverse themes related to the pathology.

Additionally, Colombia also hosted the Advanced Symposium on infections, inflammation and degeneration, which took place in Bogota. The event offered a space for exchanging opinions about complex cases, and proved to be a very enriching and valuable experience.

As Country Council Chairperson, I would like to wrap up this year by thanking Miguel Berbeo, Mario Herrera and Constanza Bedoya, who have concluded their terms as members of the Colombian Chapter. Thanks to their cooperation and commitment, we were able to successfully develop the planned tasks. I would also like to take this opportunity to welcome Carlos Carmona, Carlos Ramirez and Fernando Alvarado, who were elected for the positions of Community Development, Education Neuro and Research Officers, respectively. We will carry on with our joint work to strengthen the role of AOSpine as the educational leader in the country and the region.

Jaime Segura

Colombia Council Chairperson



AOSpine Principles Seminar for Residents – Degenerative Spine

September 18–19, 2015 – Villa de Leyva, Colombia

VENUE

Hotel Duruelo
Villa de Leyva,
Colombia

CHAIRPERSON

Constanza Bedoya COL

VIRTUAL EDUCATIONAL ADVISOR

Juan Emmerich ARG

REGIONAL FACULTY

Eduardo von Uhendorff
BRA

NATIONAL FACULTY

Carlos Carmona
Carlos Guerrero
Fernando Alvarado Gomez
Jaime Segura
José Corredor
Luis Carlos Morales
Rodolfo Paez Gonzalez

REGISTRATION FEE

Members: USD 400
Non-members: USD 420

NUMBER OF PARTICIPANTS

31

Course Evaluation		Overall Course Evaluation 4.66 out of 5
Average Faculty Performance	4.82 <small>out of 5</small>	
Average Importance to Daily Practice	4.86 <small>out of 5</small>	
Scientific Program Content	4.89 <small>out of 5</small>	
Quality of Material Received	4.56 <small>out of 5</small>	
Course Facilities	4.15 <small>out of 5</small>	



AOSpine Advanced Level Trans-congress Seminar (ACN) – Spondylolisthesis: Current Treatment Approaches

October 17, 2015 – Bucaramanga, Colombia

VENUE

**Holiday Inn
Bucaramanga,
Colombia**

CHAIRPERSON

Nelson Morales COL

REGIONAL FACULTY

Emiliano Vialle BRA

NATIONAL FACULTY

Carlos Carmona
Fernando Alvarado Gomez
Jaime Segura
Pablo Vela

REGISTRATION FEE

**Free for congress
participants**

NUMBER OF PARTICIPANTS

105



AOSpine Advanced Symposium – Clinical Challenges and Re-interventions in Degeneration, Infection and Inflammatory

November 06–07, 2015 – Bogota, Colombia

VENUE

**Centro de
Convenciones AR
Bogota, Colombia**

CHAIRPERSON

Jaime Segura COL

EDUCATIONAL ADVISOR

Andrés Rodríguez Munera
COL

INTERNATIONAL FACULTY

Zdenek Klezl GBR
Gomatan Vijay Kumar IND

REGIONAL FACULTY

Roberto Chapa MEX

NATIONAL FACULTY

Carlos Carmona
David Meneses
Fernando Alvarado
Leonardo Duplat
Luis Arango
Nelson Morales
Néstor Taboada
Pablo Vela
Ricardo Londoño
Rodolfo Paez Gonzalez

REGISTRATION FEE

Members: USD 240
Non-members: USD 300

NUMBER OF PARTICIPANTS

54

Course Evaluation

Average Faculty Performance	4.72 <small>out of 5</small>
Average Importance to Daily Practice	4.75 <small>out of 5</small>
Scientific Program Content	4.56 <small>out of 5</small>
Quality of Material Received	3.86 <small>out of 5</small>
Course Facilities	4.06 <small>out of 5</small>

Overall
Course
Evaluation

4.39
out of 5



COSTA RICA



AOSpine Advanced Seminar – Sagittal Balance of the Spine

October 31, 2015 – San Jose, Costa Rica

VENUE

**Sheraton Hotel
San Jose, Costa Rica**

CHAIRPERSONS

Alexander Valverde CRI
Roberto Chapa MEX

REGIONAL FACULTY

Roberto Postigo CHL

NATIONAL FACULTY

Edgar Jiménez Masis
Juan Fernández Sánchez
Juan Zúñiga Vargas
Miguel Mejía

REGISTRATION FEE

Members: USD 40
Non-members: USD 60

NUMBER OF PARTICIPANTS

12



CUBA



The first seminar in Cuba with the presence of Regional Faculty took place in May in the province of Cienfuegos, and approached the principles of degeneration, trauma, tumor and infection. The activity consolidated a very fruitful year characterized by the exchange of experiences, made possible through several scientific events at the advanced level (workshops, conferences) which carried on the curriculum developed in previous years. These events met the systematic demands of young specialists in neurosurgery and orthopedic surgery to help strengthen their knowledge in these medical subjects.

The seminar of the AOSpine Cuban community saw the presence of over 30 residents from several countries, including Mexico, Colombia, Bolivia and Mali. Additionally, all provinces from central and western Cuba also participated, reinforcing the high level of interest of many doctors in spine surgery.

Looking back, we can say that 2015 was a very promising year for the AOSpine members in Cuba, and the accomplishments achieved will be converted into new efforts and commitments for consolidating the ethical and practical principles of AOSpine in the country even further. This will be our guiding principle for the coming year.

Ernesto Fleites
Cuba Council Chairperson



AOSpine Principles Seminar for Residents – Trauma and Deformity

May 08, 2015 – Cienfuegos, Cuba

VENUE

Hotel Jagua
Cienfuegos, Cuba

CHAIRPERSONS

Ernesto Fleites CUB
Jorge Jerez CUB

NATIONAL FACULTY

Carlos Santos Coto
Enrique De Jongh
Rene Rubinos

REGISTRATION FEE

Free

NUMBER OF PARTICIPANTS

36

REGIONAL FACULTY

Jaime Segura COL
Roberto Chapa MEX

CANCELLED ACTIVITY

AOSpine Principles Level Trans-Congress Seminar
November 19, 2015 – Havana, Cuba



DOMINICAN REPUBLIC



AOSpine Advanced Seminar – Tumor and Infection

September 19, 2015 – Santo Domingo, Dominican Republic

VENUE

**Crowne Plaza
Santo Domingo,
Dominican Republic**

CHAIRPERSONS

Giovanni Ureña DOM
Iohan Fernandez DOM

EDUCATIONAL ADVISOR

Pablo Vela COL

REGIONAL FACULTY

Roberto Chapa MEX
William Teixeira BRA

NATIONAL FACULTY

Freddy Flores
Osmar Corona
Piero Perrone
Roberto Franklin Abreu
Ulisses Acosta

REGISTRATION FEE

Members SDNN: free
Non-members SDNN:
USD 110

NUMBER OF PARTICIPANTS

64

Course Evaluation	
Average Faculty Performance	4.59 <small>out of 5</small>
Average Importance to Daily Practice	4.54 <small>out of 5</small>
Scientific Program Content	4.62 <small>out of 5</small>
Quality of Material Received	4.35 <small>out of 5</small>
Course Facilities	3.81 <small>out of 5</small>

Overall Course Evaluation

4.38
out of 5



ECUADOR



In 2015, AOSpine Ecuador performed four Seminars associated with different activities: one together with the Trauma Congress, another with the Neurosurgery Congress, one in conjunction with a course by the Ecuadorian Society of Orthopedics

and Trauma, as well as an Advanced Seminar on degeneration. All the events were a great success, demonstrating the growing interest of Ecuadorian surgeons in spine specialties and, in particular, AOSpine.

Martha Hernández Galvez
Ecuador Council Chairperson



AOSpine Principles Level Trans-Congress Seminar (SEOT) – Spinal Trauma

April 10, 2015 – Quito, Ecuador

VENUE

Hotel Hilton Colón
Quito, Ecuador

CHAIRPERSONS

Marcelo Ochoa
Valarezo ECU
Roberto Chapa MEX

REGIONAL FACULTY

Bartolomé Marré CHL
Sergio Anaya MEX

NATIONAL FACULTY

Fabian Salinas
Gladys Pavon
Jack Ordoñez
Jaime Moyano
María Zumarraga
Martha Hernández Galvez

REGISTRATION FEE

Free for congress
participants

NUMBER OF PARTICIPANTS

30



AOSpine Principles Level Pre-Congress Seminar (SEOT) – Trauma and Degeneration

August 12, 2015 – Quito, Ecuador

VENUE

Hotel Hilton Colón
Quito, Ecuador

CHAIRPERSONS

Martha Hernández
Galvez ECU
Roberto Chapa MEX

REGIONAL FACULTY

Pablo Vela COL

NATIONAL FACULTY

Carlos Arias Pesàntez
Fabian Salinas
Fabrizio Aguilar
Gladys Pavon
Jack Ordoñez
Jaime Moyano

REGISTRATION FEE

José Vasconez
Luis Mena
Marcelo Ochoa Valarezo
Renato Guerra Escobar
Sebastian De La Torre

REGISTRATION FEE

Free for congress
participants

NUMBER OF PARTICIPANTS

41



AOSpine Advanced Level Trans-Congress Seminar (SENC) – Trauma and Deformity

September 25, 2015 – Guayaquil, Ecuador

VENUE

**Sheraton Hotel
Guayaquil, Ecuador**

CHAIRPERSON

José Vasconez ECU

REGIONAL FACULTY

Jaime Segura COL
Samuel Pantoja CHL

NATIONAL FACULTY

Carlos Arias Pesántez
Fabian Salinas
Jaime Velazquez
Martha Hernández Galvez
Willian Olvera Gomez
Xavier Sanchez Alarcon

REGISTRATION FEE

Members SENC: free
Non-members SENC:
USD 100

NUMBER OF PARTICIPANTS

26



AOSpine Advanced Seminar – Degeneration

November 14, 2015 – Quito, Ecuador

VENUE

**Sheraton Hotel
Quito, Ecuador**

CHAIRPERSONS

Marcelo Ochoa
Valarezo ECU

REGIONAL FACULTY

Martín Tejeda MEX
Néstor Taboada COL

NATIONAL FACULTY

Carlos Barzallo
Gladys Pavon
Jack Ordoñez
Jaime Moyano
José Vasconez
Hernán Yépez
Laura Botanni
Martha Hernández Galvez
Rene Chirinos

REGISTRATION FEE

Members: USD 80
Non-members: USD 100

NUMBER OF PARTICIPANTS

18



GUATEMALA



Guatemala hosted one Advanced Seminar in 2015. The activity, approaching tumors and infections, pursued a different strategy and focused on resident surgeons and specialists from other areas. This target audience was very interested in the knowledge shared and contributed with different input concerning spine surgery, in an event that was full of discussion and positive learning experiences.

Our country has been focusing on the surgeons who truly identify with AOSpine, and we hope to enlarge our local community by incorporating young surgeons finishing their graduate studies.

Julio Pozuelos
Guatemala Council Chairperson



AOSpine Advanced Seminar – Tumor and Infection

September 18-19, 2015 – Guatemala City, Guatemala

VENUE

Casa Ariana
Guatemala City,
Guatemala

CHAIRPERSON

Julio Pozuelos GUA

REGIONAL FACULTY

José Estrada Mastache
MEX
Luis Arango COL

NATIONAL FACULTY

Demetrio Gonzalez
Erick Rodas
Erny Leal Guerra
Esdras Borrayo
Fernando Flores
Gabriel Murga
Juan Pablo de León Palacios
Mario Bran Garcia
Miguel Angel Ortega
Pedro Brol
Yaniri Castillo

REGISTRATION FEE

Members: USD 70
Non-members: USD 80

NUMBER OF PARTICIPANTS

12

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.61 <small>out of 5</small>	
Average Importance to Daily Practice	4.72 <small>out of 5</small>	
Scientific Program Content	4.56 <small>out of 5</small>	
Quality of Material Received	4.33 <small>out of 5</small>	
Course Facilities	3.67 <small>out of 5</small>	
		4.38 <small>out of 5</small>



JAMAICA



AOSpine Advanced Level Trans-Congress Seminar – Trauma and Deformity

January 31, 2015 – Montego Bay, Jamaica

VENUE

**Montego Bay
Convention Centre
Montego Bay, Jamaica**

CHAIRPERSONS

Carl Bruce JAM
Roberto Chapa MEX

REGIONAL FACULTY

Michael Dittmar MEX

NATIONAL FACULTY

Ian Neil
Mark Morgan

REGISTRATION FEE

**Free for congress
participants**

NUMBER OF PARTICIPANTS

267



MEXICO



In 2015, the AOSpine Mexico Chapter organized several educational activities in accordance with the plans of the Mexican Board. We had the opportunity to host different activities aligned to the AOSpine Curriculum, focusing on the application of learning objectives in a harmonious atmosphere with both Faculty and participants.

We certainly hope to carry on with new activities in 2016 and look forward to achieving our educational goals.

Gustavo Casas
Mexico Council Chairperson



AOSpine Principles Course

June 05–06, 2015 – Mexico City, Mexico

VENUE

**Hotel Marriot
Reforma
Mexico City, Mexico**

CHAIRPERSONS

Gustavo Casas MEX
Michael Dittmar MEX

EDUCATIONAL ADVISOR

Martín Tejada MEX

INTERNATIONAL FACULTY

Claudio Lamartina ITA
Klaus Schnake DEU
**Shanmuganathan
Rajasekaran** IND

REGIONAL FACULTY

Andrés Rodríguez COL
Pablo Vela COL
Ricardo Ribeiro BRA

NATIONAL FACULTY

Barón Zárate
Cristobál Herrera Palacios
David Servin Carmona
Hernando Cuevas
Javier Avendaño
Jorge de Haro Estrada
José Estrada Mastache
José María Jiménez
Leonardo Gutiérrez Ramírez
Oscar Martínez
Ozcar García López
Ricardo Andaluz
Roberto Chapa

REGISTRATION FEE

USD 455

NUMBER OF PARTICIPANTS

39

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.72 <small>out of 5</small>	
Average Importance to Daily Practice	4.68 <small>out of 5</small>	
Scientific Program Content	4.11 <small>out of 5</small>	
Quality of Material Received	4.00 <small>out of 5</small>	
Course Facilities	3.96 <small>out of 5</small>	
		4.29 <small>out of 5</small>



AOSpine Advanced Symposium – Degeneration

June 05–06, 2015 – Mexico City, Mexico

VENUE

Hotel Marriot Reforma
Mexico City, Mexico

CHAIRPERSON

Jorge Cabrera MEX

EDUCATIONAL ADVISOR

Martín Tejeda MEX

INTERNATIONAL FACULTY

Claudio Lamartina ITA
Klaus Schnake DEU
Shanmuganathan Rajasekaran IND

REGIONAL FACULTY

Andrés Rodríguez BRA
Pablo Vela BRA
Ricardo Ribeiro BRA

NATIONAL FACULTY

Arturo Rodríguez Montalvo
Barón Zárate
Cristobál Herrera Palacios
David Servin Carmona
Gustavo Casas
Hernando Cueva
Hugo Vilchis Sámano
Javier Avendaño
José Estrada Mastache
José María Jiménez
José Penagos
Michael Dittmar
Oscar Martínez
Ozcar García López
Ricardo Andaluz
Roberto Chapa

REGISTRATION FEE

USD 545

NUMBER OF PARTICIPANTS

41

Course Evaluation		Overall Course Evaluation 4.35 out of 5
Average Faculty Performance	4.55 <small>out of 5</small>	
Average Importance to Daily Practice	4.70 <small>out of 5</small>	
Scientific Program Content	4.37 <small>out of 5</small>	
Quality of Material Received	4.02 <small>out of 5</small>	
Course Facilities	4.12 <small>out of 5</small>	



AOSpine Advanced Level Pre-Congress Symposium (AMCICO) – Complications

July 02, 2015 – Puerto Vallarta, Mexico

VENUE

International Convention Center
Puerto Vallarta, Mexico

CHAIRPERSON

Martín Tejeda MEX

VIRTUAL EDUCATIONAL ADVISOR

Roberto Chapa MEX

INTERNATIONAL FACULTY

Carlo Bellabarba USA
Dante Marchesi CHE

NATIONAL FACULTY

Barón Zárate
Catarino López
Enrique Izquierdo
Gilles Norotte
Gonzalo Santiago Tipac
Gustavo Casas
Hugo Vilchis Sámano
Jorge Cabrera
Michael Dittmar
Sergio Anaya

REGISTRATION FEE

Free for congress participants

NUMBER OF PARTICIPANTS

185

CANCELLED ACTIVITIES

AOSpine Principles Level Trans-Congress Seminar (Neurotrauma) – Spine Fractures

March 06, 2015 – San Miguel de Allende, Mexico

AOSpine Principles Level Research Seminar

September 23, 2015 – Monterrey, Mexico

AOSpine Advanced Level Specimen Course

September 24–26, 2015 – Monterrey, Mexico



PANAMA





AOSpine Advanced Level Central American Symposium – Trauma

July 31–August 01, 2015 – Panama City, Panama

VENUE

Hilton Panamá
Panama City, Panama

CHAIRPERSON

Raul Arjona PAN

EDUCATIONAL ADVISOR

Roberto Chapa MEX

INTERNATIONAL FACULTY

Frank Kandziora DEU
Richard Bransford USA

REGIONAL FACULTY

Asdrubal Falavigna BRA
Osmar Moraes BRA

NATIONAL FACULTY

Andrés Báez
Nelson Sopalda
Ricardo Bermudez

GUESTS

Alexander Valverde CRI
Carl Bruce JAM
Carlos Contreras HND
Giovanni Ureña DOM
Ian Neil JAM
Julio Pozuelos GUA
Manuel Orozco NIC
Ricardo Santamaria
Molina SLV

REGISTRATION FEE

Members: USD 500
Non-members: USD 650

NUMBER OF PARTICIPANTS

34

Course Evaluation		Overall Course Evaluation 4.50 out of 5
Average Faculty Performance	4.73 <small>out of 5</small>	
Average Importance to Daily Practice	4.75 <small>out of 5</small>	
Scientific Program Content	4.59 <small>out of 5</small>	
Quality of Material Received	4.21 <small>out of 5</small>	
Course Facilities	4.24 <small>out of 5</small>	



AOSpine Advanced Seminar – Update on Cervical Pathologies

November 20, 2015 – Panama City, Panama

VENUE

Crowne Plaza Hotel
Panama City, Panama

CHAIRPERSONS

Mitzadi Ordoñez PAN
Raul Arjona PAN

REGIONAL FACULTY

Mario Taricco BRA

NATIONAL FACULTY

Andrés Báez
Avelino Gutierrez
Euclides Effio
Geovany Osgian
Hector Crooks
Ricardo Bermudez

REGISTRATION FEE

Members: USD 50
Non-members: USD 75

NUMBER OF PARTICIPANTS

12



PERU





AOSpine Principles Seminar – Degenerative Spine

March 21, 2015 – Lima, Peru

VENUE

**Hotel Hilton
Miraflores
Lima, Peru**

CHAIRPERSONS

Pedro Soto Padilla PER
Rene Chirinos PER

EDUCATIONAL ADVISOR

Roberto Chapa MEX

REGIONAL FACULTY

Asdrubal Falavigna BRA
Juan Emmerich ARG

NATIONAL FACULTY

Alfonso Basurco

GUESTS

Albert Brasil BRA
Constanza Bedoya COL
Gustavo Casas MEX
Iohan Fernandez DOM
Jaime Segura COL
Jorge Cabrera MEX
José María Jiménez MEX
Juan Pablo Guyot ARG
Marcelo Ochoa
Valarezo ECU
Mauricio Campos CHL
Raul Arjona PAN

REGISTRATION FEE

Members: free
Non-members: USD 150

NUMBER OF PARTICIPANTS

32

Course Evaluation		Overall Course Evaluation
Average Faculty Performance	4.54 <small>out of 5</small>	
Average Importance to Daily Practice	4.63 <small>out of 5</small>	
Scientific Program Content	4.26 <small>out of 5</small>	
Quality of Material Received	3.67 <small>out of 5</small>	
Course Facilities	3.73 <small>out of 5</small>	
		4.16 <small>out of 5</small>



AOSpine Advanced Level Pre-Congress Seminar (SILACO/ASPECIVE) – Minimally Invasive Surgery

October 28, 2015 – Lima, Peru

VENUE

**The Westin Lima
Lima, Peru**

CHAIRPERSONS

Alfonso Basurco PER
Roberto Postigo CHL

REGIONAL FACULTY

Marcelo Valacco ARG
Néstor Taboada COL

NATIONAL FACULTY

Michael Hinojosa

REGISTRATION FEE

Members: free
Non-members: USD 250

NUMBER OF PARTICIPANTS

62

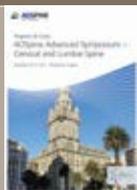
CANCELLED ACTIVITY

AOSpine Principles Seminar – Cervical Spine

March 27–28, 2015 – Arequipa, Peru



URUGUAY



AOSpine Advanced Symposium – Cervical and Lumbar Spine

November 20–21, 2015 – Montevideo, Uruguay

VENUE

Sheraton Hotel
Montevideo, Uruguay

CHAIRPERSONS

Pablo Pereda URY
Reddy Simón PRY

EDUCATIONAL ADVISOR
Juan Emmerich ARG

PROGRAM DIRECTOR

Oscar Carreras Soto URY

INTERNATIONAL FACULTY
Daniel Riew USA

REGIONAL FACULTY

Asdrubal Falavigna BRA
Luiz Vialle BRA
Roberto Chapa MEX

NATIONAL FACULTY
Fernando Garcia
Fernando Nin

REGISTRATION FEE

Members: USD 400
Non-members: USD 550

NUMBER OF PARTICIPANTS

35



VENEZUELA





This was an important year for AOSpine Venezuela. At the educational level, an Advanced Symposium was performed in Maturin, which was a complete success and hosted the largest number of participants ever at an AOSpine event in Venezuela. We were very fortunate to have outstanding and renowned Faculty, such as Max Aebi and Dante Marchesi, present for the event. Their knowledge and excellent academic skills provided for great discussions about current breakthroughs in the treatment of complications, so as to offer specific solutions and suggestions for each pathology and allowed for very interactive participation.

In October, we took part in the Annual Congress of the Venezuelan Neurosurgery Society, which provided us with the opportunity to carry out an Advanced Trans-congress Seminar on spinal instrumentation and its complications.

We also achieved our Community Development goals, recording a significant increase in the membership and associates numbers, as well as a good retention rate. Since the launch of the “Get Involved” motto, we have had more colleagues participating in the online activities (Virtual Courses and Continuing Education Program), as well as in the different Fellowship programs.

Olga Morrillo
Venezuela Council Chairperson



AOSpine Advanced Symposium – Complications

January 23–24, 2015 – Maturin, Venezuela

VENUE

Stauffer Hotel
Maturin, Venezuela

CHAIRPERSON

Victor Dávila VEN

EDUCATIONAL ADVISOR

Roberto Chapa MEX

INTERNATIONAL FACULTY

Dante Marchesi CHE
Max Aebi CHE

REGIONAL FACULTY

Luiz Gustavo Dal'Oglio
da Rocha BRA

NATIONAL FACULTY

Albaro Barrera
José Ramon Medina
Marlon Díaz

REGISTRATION FEE

Members: USD 450
Non-members: USD 550

NUMBER OF PARTICIPANTS

63

Course Evaluation		Overall Course Evaluation 4.41 out of 5
Average Faculty Performance	4.68 <small>out of 5</small>	
Average Importance to Daily Practice	4.76 <small>out of 5</small>	
Scientific Program Content	4.69 <small>out of 5</small>	
Quality of Material Received	3.93 <small>out of 5</small>	
Course Facilities	3.99 <small>out of 5</small>	



AOSpine Advanced Level Trans-Congress Seminar (SVNC) – Complications in Spinal Instrumentation

October 16, 2015 – Caracas, Venezuela

VENUE

Intercontinental
Tamanaco
Caracas, Venezuela

CHAIRPERSON

Marlon Díaz VEN

REGIONAL FACULTY

Andrés Rodríguez BRA
Martín Tejeda MEX

NATIONAL FACULTY

Daniel Onay
Edgar Gonzalez
Fernando Bellera
José Rafael Otero
José Ramon Medina
Victor Dávila

REGISTRATION FEE

Free for congress
participants

NUMBER OF PARTICIPANTS

123

REGIONAL COURSES



AOSpine Advanced Level Anatomical Specimen Course – Oncological Vertebral Resections

February 06–07, 2015 – Palm Beach, USA

VENUE
**DePuy Synthes
Institute
Palm Beach, USA**

CHAIRPERSON
Néstor Fiore ARG

EDUCATIONAL ADVISOR
Roberto Chapa MEX

REGIONAL FACULTY
Alejandro Mengotti ARG
Juan Emmerich ARG
Oswaldo Romano ARG
William Teixeira BRA

REGISTRATION FEE
Members: USD 2000
Non-members: USD 2200

NUMBER OF PARTICIPANTS
16

Course Evaluation		Overall Course Evaluation 4.55 out of 5
Average Faculty Performance	4.85 <small>out of 5</small>	
Average Importance to Daily Practice	4.60 <small>out of 5</small>	
Scientific Program Content	4.54 <small>out of 5</small>	
Quality of Material Received	4.38 <small>out of 5</small>	
Course Facilities	4.38 <small>out of 5</small>	



AOSpine Principles Level Anatomical Specimen Course – Degeneration

August 28–29, 2015 – Palm Beach, USA

VENUE

**DePuy Synthes
Institute
Palm Beach, USA**

CHAIRPERSON

Néstor Fiore ARG

EDUCATIONAL ADVISOR

Roberto Chapa MEX

REGIONAL FACULTY

Emiliano Vialle BRA
José Estrada Mastache
MEX
Néstor Taboada COL
Pablo Vela COL
Roberto Postigo CHL

REGISTRATION FEE

Members: USD 2000
Non-members: USD 2200

NUMBER OF PARTICIPANTS

24

Course Evaluation

Average Faculty Performance	4.82 <small>out of 5</small>
Average Importance to Daily Practice	4.85 <small>out of 5</small>
Scientific Program Content	4.47 <small>out of 5</small>
Quality of Material Received	4.05 <small>out of 5</small>
Course Facilities	4.39 <small>out of 5</small>

Overall
Course
Evaluation

4.52
out of 5



AOSpine Advanced Level Anatomical Specimen Course

August 31–September 01, 2015 – Palm Beach, USA

VENUE

**DePuy Synthes
Institute
Palm Beach, USA**

CHAIRPERSON

Emiliano Vialle BRA

EDUCATIONAL ADVISOR

Roberto Chapa MEX

REGIONAL FACULTY

José Estrada Mastache
MEX
Néstor Fiore ARG
Néstor Taboada COL
Pablo Vela COL
Roberto Postigo CHL

REGISTRATION FEE

Members: USD 2000
Non-members: USD 2200

NUMBER OF PARTICIPANTS

24

Course Evaluation

Average Faculty Performance	4.63 <small>out of 5</small>
Average Importance to Daily Practice	4.49 <small>out of 5</small>
Scientific Program Content	4.40 <small>out of 5</small>
Quality of Material Received	3.90 <small>out of 5</small>
Course Facilities	4.27 <small>out of 5</small>

Overall
Course
Evaluation

4.34
out of 5

AOSpine Latin America Office

The office located in Curitiba, Brazil, provides support to the entire organization in Latin America, being responsible for the coordination and development of the different projects and activities in the area. As of 2015, the AOSLA team is structured as presented next.

Staff

REGIONAL
DIRECTOR



**Antonio
Machado**

Management of regional financial budget, support to Country Councils and coordination of regional projects.

SENIOR PROJECT
MANAGER



**Carlos
Montero**

Education projects and strategy, Community Development and Fellowships areas.

PROJECT
MANAGER



**Sônia Budziak
Scussel**

Logistics and organization of academic events and Faculty Development.

PROJECT
COORDINATOR



**Carla
Vinize**

Organization and execution of online education projects and Research.

AOSpine Latin America Annual Report 2015

A P P E N D I X

AOSpine Fellowship History
AOSpine Faculty Development–Training Levels

AOSpine Fellowship History

FELLOWS AT

 **Hospital Universitário Cajuru – Curitiba, Brasil**

PROGRAM DIRECTOR

Emiliano Vialle

NAME	NATIONALITY	PROGRAM	FROM	TO
Maurício Santos Gusmão	Brazil	Long-term	Feb-06	Jan-07
Túlio de Moura Rangel	Brazil	Long-term	Feb-06	Jan-07
Pablo Pazmino	United States	Short-term	Feb-06	Mar-06
Javier Ricardo Méndez	Argentina	Long-term	Mar-06	May-06
Miguel Alejandro A. Sarmiento	Colombia	Long-term	May-06	Jul-06
Rubén Cárdenas Morón	Mexico	Long-term	Jul-06	Jun-07
Rafael Vazquez Preciado	Mexico	Long-term	Jul-06	Aug-06
José Fleiderman	Chile	Long-term	Aug-06	Oct-06
Marlon González Rivas	Venezuela	Long-term	Aug-06	Oct-06
Daniel Mosquera Mayorga	Ecuador	Long-term	Oct-06	Dec-06
Luiz Felipe C. Carvalho	Brazil	Long-term	Feb-07	Feb-08
Carlos B. Ramírez	Colombia	Long-term	Feb-07	Apr-07
Alexander Valverde Retana	Costa Rica	Long-term	May-07	Jul-07
Rodrigo Medeiros	Brazil	Long-term	May-07	Jul-07
Pablo Godinho	Brazil	Long-term	Jun-07	May-08
Leonardo Quiroz	Argentina	Long-term	Jul-07	Aug-07
Marco Medina	Peru	Long-term	Aug-07	Oct-07
Syed Ahmed	United Kingdom	Long-term	Sep-07	Nov-07
Marcos Ziegler	Brazil	Long-term	Oct-07	Nov-07
Fernando Coutinho	Brazil	Long-term	Feb-08	Jan-09
Rodolfo Paez	Colombia	Long-term	Jul-08	Jun-09
Andre Vidigal	Brazil	Long-term	Feb-09	Jan-10
Juan Suarez Henao	Colombia	Long-term	Feb-09	Jan-10
Gustavo Giraldo	Colombia	Long-term	Jun-09	Jun-10
Christiano Simoes	Brazil	Long-term	Jul-09	Aug-10
Joel Abramczuk	Brazil	Long-term	Sep-09	Dec-09
Antonio Krieger	Brazil	Long-term	Feb-10	Feb-11
Alesandro Cardoso	Brazil	Long-term	Jul-10	Oct-10

NAME	NATIONALITY	PROGRAM	FROM	TO
Charbel Jacob	Brazil	Long-term	Jul-10	Feb-11
Alexandre Borba	Brazil	Long-term	Sep-10	Dec-10
Nicolas Gonzales	Argentina	Long-term	Jan-11	Dec-11
Allan Kato	Brazil	Long-term	Feb-11	Jun-11
Ramon Ferreira	Brazil	Long-term	Feb-11	Jan-12
Diego Loza	Argentina	Long-term	Jul-11	Jun-12
Olger Alarcon	Peru	Long-term	Feb-12	Apr-12
Luiz Muller	Brazil	Long-term	Feb-12	Jan-13
Yaidelys Garcia	Venezuela	Long-term	May-12	Jul-12
Orlando Colina	Venezuela	Long-term	Jul-12	Jun-13
Abel Carneiro	Brazil	Long-term	Jul-12	Jun-13
Samuel Conrad	Brazil	Long-term	Feb-13	Jan-14
Samuel Conrad	Brazil	Long-term	Feb-13	Jan-15
Juliano Chaves	Brazil	Long-term	Mar-13	May-13
Eduardo Mariúba	Brazil	Long-term	Jul-13	Jun-14
Juan Castro	Colombia	Long-term	Jul-13	Jun-14
Luis Pereira	Brazil	Long-term	Jul-13	Aug-13
Juan Marcelo Sea Aramayo	Bolivia	Long-term	Sep-13	Nov-13
Ernesto Fleites	Cuba	Observership	Feb-14	Feb-14
Wellington Ueda	Brazil	Long-term	Feb-14	Dec-15
Alejandro Fuente	Mexico	Short-term	Mar-14	May-14
Germán Olmedo	Argentina	Short-term	Jun-14	Aug-14
Diego Gomez	Colombia	Long-term	Aug-14	Jul-15
David Schleifer	Argentina	Long-term	Aug-14	Jul-15
Oswaldo Ojeda	Chile	Observership	Nov-14	Nov-14
Phelipe Menegaz	Brazil	Long-term	Feb-15	Jan-17
Luis Duchén	Bolivia	Short-term	Mar-15	May-15
Fernando Lira	Chile	Long-term	Jul-15	Jun-16

FELLOWS AT

 **Hospital da Restauração – Recife, Brazil**

PROGRAM DIRECTOR

Geraldo Sá Carneiro

NAME	NATIONALITY	PROGRAM	FROM	TO
Armando Rojas	Colombia	Short-term	Apr-14	Jun-14
Marco Melgarejo	Peru	Short-term	Mar-15	May-15

FELLOWS AT

 **Hospital das Clínicas – Sao Paulo, Brazil**

PROGRAM DIRECTOR

Alexandre Fogaça

NAME	NATIONALITY	PROGRAM	FROM	TO
Manoel Filho	Brazil	Observership	Jul-11	Jul-11
Richard Hernandez	Peru	Long-term	Apr-13	Jun-13
Irani Paez	Venezuela	Long-term	Oct-13	Dec-13
Hugo Kunzle	Paraguay	Long-term	Oct-13	Dec-13
Jean Castelo	Peru	Short-term	Feb-14	Apr-14
Luis Lamus	Venezuela	Short-term	Apr-14	Jun-14
Ronald Rioja	Brazil	Observership	Feb-15	Feb-15

FELLOWS AT

 **Hospital del Trabajador – Santiago, Chile**

PROGRAM DIRECTOR

José Fleiderman

NAME	NATIONALITY	PROGRAM	FROM	TO
Alfredo Jordán	Ecuador	Long-term	Mar-06	May-06
Javier Gutiérrez Bonilha	Costa Rica	Long-term	Apr-06	Mar-07
Alfredo Jordán	Ecuador	Long-term	Mar-07	May-07
Francisco Ilabaca	Chile	Long-term	Apr-07	Mar-08
Elio Romero	Venezuela	Long-term	Mar-15	Feb-16
Lucas Leon	Argentina	Observership	Jun-15	Jun-15

FELLOWS AT

 **Hospital de Pediatría Garrahan – Buenos Aires, Argentina**

PROGRAM DIRECTOR

Ernesto Bersusky

NAME	NATIONALITY	PROGRAM	FROM	TO
Joel Acevedo	Dominican Republic	Long-term	Mar-11	May-11
Nicolas Coombes	Argentina	Long-term	Mar-11	May-11
Javier Espinoza	Peru	Observership	Jul-11	Jul-11
Saul Barrera	Colombia	Observership	Aug-11	Aug-11
Alfredo Gotfryd	Brazil	Observership	Oct-11	Oct-11
Esteban Araya	Costa Rica	Long-term	Oct-11	Nov-11
Carlos Vargas	Peru	Long-term	Mar-12	Apr-12
Antonio Carvajal	Colombia	Long-term	Mar-12	Aug-12
Daniel Barros	Brazil	Observership	Apr-12	Apr-12
Henry Solaque	Colombia	Long-term	May-12	Jun-12
Fabrizio Aguilar	Ecuador	Long-term	Aug-12	Oct-12
Heber Torres	Colombia	Long-term	Oct-12	Nov-12
Martin Medina	Argentina	Long-term	Jan-13	Jun-13
Martin Medina	Argentina	Long-term	Jan-13	Jun-13
Napoleón Avendaño (SYNTHES)	Colombia	Long-term	May-13	Jun-13
Salvador Gutierrez	Mexico	Long-term	Jul-13	Sep-13
Luis Brenes	Costa Rica	Long-term	Sep-13	Nov-13
Jhonny Gómez (SYNTHES)	Colombia	Long-term	Oct-13	Dec-13
Julian Zuluaga	Colombia	Short-term	Mar-15	May-15
Agustin Tellez	Mexico	Short-term	Sep-15	Nov-15

FELLOWS AT

 **Hospital San Martín (HIGA) – Buenos Aires, Argentina**

PROGRAM DIRECTOR

Pedro Bazán

NAME	NATIONALITY	PROGRAM	FROM	TO
Tamara Gisela	Argentina	Long-term	May-12	Jul-12
Gustavo Montoya	Panama	Long-term	Jul-13	Dec-13
Sergio Terraza	Argentina	Long-term	Jul-14	Jun-15
Emanuel Giaccopuzzi	Argentina	Long-term	Jul-15	Jun-16
Jorge Salazar	Mexico	Long-term	Jul-15	Dec-15

FELLOWS AT

 **Hospital Militar Central – Bogota, Colombia**

PROGRAM DIRECTOR

Javier Matta

NAME	NATIONALITY	PROGRAM	FROM	TO
Daniel Uruchi	Bolivia	Long-term	Feb-15	Jul-15

FELLOWS AT

 **Hospital Santa Casa de São Paulo – Sao Paulo, Brazil**

PROGRAM DIRECTOR

Robert Meves

NAME	NATIONALITY	PROGRAM	FROM	TO
Jose Corredor	Colombia	Long-term	Feb-14	Jul-15
Ignacio Garfinkel	Argentina	Observership	Nov-14	Nov-14

FELLOWS AT

 **Instituto de Ortopedia Infantil Roosevelt – Bogota, Colombia**

PROGRAM DIRECTOR

Carlos Montero Silva

NAME	NATIONALITY	PROGRAM	FROM	TO
Jorge de Haro	Mexico	Long-term	Mar-13	May-13
Jose Matheus	Guatemala	Observership	May-13	May-13
Julian Zuluaga	Colombia	Long-term	May-14	Dec-14
Ramón Patiño	Colombia	Observership	Nov-14	Nov-14

FELLOWS AT

 **Hospital das Clínicas – Ribeirao Preto, Brazil**

PROGRAM DIRECTOR

Helton Defino

NAME	NATIONALITY	PROGRAM	FROM	TO
Carlos Fernando Herrero	Brazil	Long-term	Feb-07	Apr-07
William Contreras	Colombia	Long-term	Feb-07	Apr-07
Djalma Amorim	Brazil	Long-term	Feb-09	Apr-09
Aldimarina López	Panama	Long-term	Feb-09	Jan-10

FELLOWS AT

 **Unidad Médica de Alta Especialidad – Monterrey, Mexico**

PROGRAM DIRECTOR

Marco Salazar

NAME	NATIONALITY	PROGRAM	FROM	TO
Julian España	Colombia	Long-term	Aug-11	Feb-12
Edgar Cardeña	Mexico	Long-term	Feb-13	Dec-13
Gerson Yoel Quevedo	Venezuela	Long-term	May-15	Apr-16

FELLOWS AT

 **Hospital Italiano – Buenos Aires, Argentina**

PROGRAM DIRECTOR

Marcelo Gruenberg

NAME	NATIONALITY	PROGRAM	FROM	TO
Godoy Carrero Wilmer	Colombia	Long-term	Apr-06	May-06
Daniel Cauti De la Cruz	Peru	Long-term	Sep-06	Oct-06
Juan Marcelo Sea Aramayo	Bolivia	Long-term	Sep-06	Nov-06
Paola San Martin	Chile	Long-term	Mar-07	May-07
Horacio Resano	Argentina	Long-term	Jul-09	Jun-10
Maximiliano Mereles	Argentina	Long-term	Jul-10	Jul-11
Fernando Alvarado	Colombia	Long-term	Oct-10	Dec-10
Pablo Diaz	Argentina	Long-term	Jun-11	May-12

FELLOWS AT

■ International Centers

NAME	NATIONALITY	CITY, COUNTRY	PROGRAM	FROM	TO
Luiz Gustavo Rocha	Brazil	Seattle, United States	Long-term	Mar-06	Jun-06
Manuel Valência Carrasco	Chile	Nottingham, United Kingdom	Long-term	Jun-06	Jul-06
Carlos Fernando Herrero	Brazil	Sao Paulo, Brazil	Long-term	Feb-07	Apr-07
William Contreras	Colombia	Sao Paulo, Brazil	Long-term	Feb-07	Apr-07
Marcelo Valacco	Argentina	Seattle, United States	Long-term	Feb-07	Apr-07
Leonardo Perez	Mexico	Nottingham, United Kingdom	Long-term	Feb-07	Mar-07
Maurício Gusmão	Brazil	Nottingham, United Kingdom	Long-term	Jul-07	Aug-07
Luis Claudio Rodrigues	Brazil	Helsinki, Finland	Long-term	Aug-07	Sep-07
Túlio Rangel	Brazil	Helsinki, Finland	Long-term	Aug-07	Sep-07
Jose Luiz Romeo Boulosa	Brazil	Milan, Italy	Long-term	Nov-07	Dec-07
Guillermo Kahl	Argentina	Seattle, United States	Long-term	Jan-09	Mar-09
Djalma Amorim	Brazil	Sao Paulo, Brazil	Long-term	Feb-09	Apr-09
Aldimarina López	Panama	Sao Paulo, Brazil	Long-term	Feb-09	Jan-10
Juan Guyot	Argentina	Seattle, United States	Long-term	Jan-10	Mar-10
Felix Imposti	Argentina	Seattle, United States	Long-term	Jan-10	Mar-10
Cristiano Simões	Brazil	Bologna, Italy	Long-term	Sep-10	Feb-11
Santiago Menendez	Argentina	Nijmegen, Netherland	Long-term	Sep-11	Nov-11
Danilo Bernardi	Brazil	Milan, Italy	Long-term	Oct-11	Nov-11
Dolores Posadas	Argentina	Bologna, Italy	Long-term	Feb-13	Mar-13
Mario Garcia	Guatemala	Denver, United States	Long-term	Feb-13	Apr-13
Jorge de Haro	Mexico	Bogota, Colombia	Long-term	Mar-13	May-13

NAME	NATIONALITY	CITY, COUNTRY	PROGRAM	FROM	TO
Alejandro Calniquer	Argentina	Seattle, United States	Long-term	Apr-13	Jun-13
Lazaro Lutzky	Argentina	Lucerne, Switzerland	Long-term	Apr-13	May-13
Ramiro Barrera	Argentina	Hong Kong, China	Observership	Apr-13	May-13
Jose Matheus	Guatemala	Bogota, Colombia	Observership	May-13	May-13
Vinicius Benites	Brazil	Frankfurt, Germany	Long-term	Jul-13	Aug-13
Diego Flores	Argentina	Nottingham, United Kingdom	Long-term	Jul-13	Sep-13
Theophilo Lins	Brazil	Nuremberg, Germany	Long-term	Jan-14	Jul-14
Diego Martinez	Argentina	Seattle, United States	Short-term	Feb-14	May-14
Julian Zuluaga	Colombia	Bogota, Colombia	Long-term	May-14	Dec-14
Lucas Aurich	Brazil	Nuremberg, Germany	Short-term	May-14	Aug-14
Nicolas Siderakis	Argentina	Nuremberg, Germany	Short-term	Aug-14	Oct-14
Ángel Sotopolendo	Mexico	Santiago de Compostela, Spain	Short-term	Oct-14	Nov-14
Ramón Patiño	Colombia	Bogota, Colombia	Observership	Nov-14	Nov-14
Eddy Almira	Cuba	Santiago de Compostela, Spain	Short-term	Jan-15	Apr-15
Danilo Bernardi	Brazil	Bologna, Italy	Observership	Feb-15	Feb-15
Guilherme Gontijo	Brazil	Nuremberg, Germany	Short-term	Feb-15	Apr-15
Nicolas Ciccioli	Argentina	Seattle, United States	Short-term	Mar-15	May-15
Eibar Ernesto Cabrera	Mexico	London, United Kingdom	Short-term	Jun-15	Aug-15
Javier Ramos	Mexico	Frankfurt, Germain	Short-term	Jul-15	Sep-15
Rafael Mazzuia	Brazil	Nottingham, United Kingdom	Short-term	Jul-15	Sep-15
Rodrigo Nakao	Brazil	Nuremberg, Germany	Short-term	Sep-15	Nov-15

AOSpine Faculty Development–Training Levels

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Adriano Valdez	DOM	X					
Albaro Barrera	VEN	X					
Albert Brasil	BRA	X			X		
Alberto Capel Cardoso	BRA	X					
Alberto Gotfryd	BRA	X			X		
Alejandro Betemps	ARG	X			X		X
Alejandro Mengotti	ARG	X					
Alejandro Díaz Calvo	PER	X					
Alejandro Urzúa	CHL						X
Alexander Valverde	CRI	X			X		
Alexandre Sadao Iutaka	BRA	X		X	X	X	
Alexandre Fogaça Cristante	BRA	X		X			
Alfonso Basurco	PER		X		X		
Alfredo Vásquez Rodríguez	PER	X					X
Aliro San Martín	CHL	X			X	X	
Álvaro Silva	CHL	X			X		
Amancio Ramalho Junior	BRA	X					
Amauri Godinho Jr	BRA	X					
André Hübner	BRA	X					
Andres Lisoni	CHL	X					
Andrés Cervio	ARG	X					X
Andrés Rodríguez Munera	COL	X			X	X	X
Antonio Braconi	BRA	X					
Antonio Mock	PNM	X					
Antonio Hurtado	MEX		X				
Armando Alpizar-Aguirre	MEX	X					
Armando Pineda-Fernandez	VEN	X					
Arturo Morales	PER	X			X	X	
Arturo Rodríguez Montalvo	MEX	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Asdrubal Falavigna	BRA	X			X	X	
Augustin Malzac	BRA	X					
Aurelio Ramirez	MEX	X			X		
Bartolomé Marré	CHL	X		X		X	
Carlos Engelhorn	BRA	X					
Carlos Mounier	ARG	X					
Carlos Sola	ARG	X					
Carlos Tucci	BRA	X		X			
Carlos Cárdenas	PER	X		X			
Carlos Briceño Sarasqueta	PRY	X					
Carlos Santos	CUB	X					
Carlos Contreras	HND	X					
Carlos Alberto Mora Ojeda	COL						X
Carlos Alberto Carmona Lourdy	COL		X				
Catarino López	MEX	X					X
Cesar Gonzalez	MEX	X					
Cesar Covarrubia	VEN	X			X		
Chárbel Jacob Junior	BRA	X					
Christiano Simões	BRA	X					
Constanza Bedoya	COL		X		X		
Cristian Illanes	ARG	X					
Cristiano Menezes	BRA	X					
Cristóbal Herrera Palacios	MEX	X					
Daniel Cauti De la Cruz	PER	X		X			X
Daniel Onay	VEN						X
David Servin Carmona	MEX	X					

AOS T4F AOSpine Faculty Training

T4F 1 Complete program

T4F 1 Mini Faculty Training (extended pre-course)

AOS T4C AOSpine Chairperson Training

T4C 1 Chairperson Training (before 2012)

T4C 1 Chairperson Training (Curriculum)

AOSLA FI AOSLA Faculty Improvement

AOS T4EA AOSpine Educational Advisor Training

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Délio Martins	BRA	X					
Diana Guerrero Alvarez	MEX	X					
Eddy Almira	CUB	X					
Eddy Antonio Dorado Alanez	BOL		X				
Edgar Jiménez Masis	CRI	X					
Edgar Gonzalez	VEN	X					X
Edgar Abel Marquez	MEX		X				
Edgardo Spagnuolo Dondero	URY				X		
Edmundo Antezana	BOL		X				
Eduardo Galaretto	ARG	X					X
Eduardo Von Uhlendorff	BRA	X		X	X		
Elio Ramirez	ECU	X					
Elio Marin Sanabria	PRY	X					
Emiliano Vialle	BRA	X		X		X	X
Enrique Gutiérrez	ARG	X					
Enrique Julio Concha	CHL	X					
Enzo Mantelli	CHL	X					
Erick Rodas	GTM	X					
Ernesto Bersusky	ARG	X					
Ernesto Carvalho	VEN	X					
Ernesto Fleites	CUB	X			X		
Ernesto Vargas Rivadeneira	ECU						X
Fabiano Canto	BRA	X					
Federico Cisneros	MEX	X					X
Felipe Rossel	CHL	X					
Felix Adolfo Sanchez Chavez	MEX	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Fernando Facanha-Filho	BRA	X					
Fernando Helo Yamhure	COL	X					
Fernando Dantas	BRA	X					
Fernando Garcia	URY	X					
Fernando Alvarado Gomez	COL		X				
Francisco Salinas Malaga	PER		X				
Geraldo Sá Carneiro	BRA	X		X			X
Giovanni Ureña	DOM	X					
Gladys Pavon	ECU	X		X			
Gonzalo Arriagada Ocampo	CHL	X					
Guido Pugliese	COL	X					
Guilherme Meyer	BRA	X					
Gustavo Caldera	MEX	X					
Gustavo Casas	MEX	X	X		X		
Hector Torres R.	CRI	X					
Helton Defino	BRA	X					X
Henrique Jorge	BRA	X					
Hernán José Valdivia Sosa	PER	X		X			X
Hernando Cuevas	MEX	X					
Hugo Vilchis Sámano	MEX	X					
Hugo Dobles	CRI	X					
Ignacio Barrenechea	ARG	X					
Iohan Fernandez	DOM	X					
Jaime Segura	COL	X			X		
Jaime Linares	BOL		X		X		
Jaime Raul Pavon	ECU						X
James Cardona	VEN	X					
Javier Martinez	ARG	X					
Javier Matta	COL	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Javier Gutierrez	CRI	X					
Javier Brenes	CRI						X
Jefferson Galves	BRA	X					
Jerônimo Milano	BRA	X			X		
Jesús Bernal-Marquez	MEX	X					
Jorge Cancinos	ARG	X					
Jorge Lambre	ARG	X					
Jorge Cabrera	MEX	X	X		X		
Jose Prina	ARG	X					
José Estrada Mastache	MEX	X			X		
Jose Duran Dautant	VEN	X					
José María Jiménez	MEX	X			X		
José Vasconez	ECU				X		
José Pérez-Berrios	CRI	X					
José Neira	PAN	X					
Jose Augusto Araujo	BRA	X					
Jose Ernesto Garcia	MEX	X					
José Vicente Ballesteros Plaza	CHL		X				
Jose Rafael Otero	VEN	X			X		X
Juan Reina Gama	MEX	X					X
Juan Emmerich	ARG	X			X	X	
Juan Fernández Sánchez	CRI	X					
Juan Zamorano	CHL	X					
Juan Carlos Valle Landa	MEX	X					
Juan Jose Valero Quintero	VEN	X					
Juan Marcelo Sea Aramayo	BOL	X			X		

AOS T4F AOSpine Faculty Training

T4F 1 Complete program

T4F 1 Mini Faculty Training (extended pre-course)

AOS T4C AOSpine Chairperson Training

T4C 1 Chairperson Training (before 2012)

T4C 1 Chairperson Training (Curriculum)

AOSLA FI AOSLA Faculty Improvement

AOS T4EA AOSpine Educational Advisor Training

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Juan Pablo De León Palacios	GTM	X			X		
Juan Pablo Guyot	ARG	X	X		X		
Julián España Peña	COL		X				
Julio Bassani	ARG		X				
Julio Luis Pozuelos Lopez	GTM	X			X		
Leonardo Pérez Hernandez	MEX	X					
Lucas Rueda	ARG	X					
Luciano Miller	BRA	X					
Luciano Pellegrino	BRA	X					
Luis Rosales	MEX	X					
Luis Arango	COL	X			X		
Luis Lara Requena	VEN	X					
Luis Duchén Rodriguez	BOL	X	X				
Luis Guijarro	ECU						X
Luis Alejandro Saenz Orozco	CRI	X					
Luis Carlos Morales Sáenz	COL	X					X
Luis Eduardo Carelli	BRA	X					
Luis Eduardo Rocha	BRA	X					
Luis Eugenio Brenes Rojas	CRI	X					
Luiz Vialle	BRA	X		X			X
Luiz Felipe Carvalho	BRA	X					
Luiz Gustavo Dal'Oglio da Rocha	BRA	X					
Lyonel Beaulieu	CHL	X					
Madelin Carrasco	CUB	X					
Manuel Alvarado	VEN	X		X			X
Manuel Valencia	CHL	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Manuel de Jesus Orozco Membreño	NIC	X					
Marcel Jemio	BOL		X				
Marcela Chamorro	CHL	X					
Marcelo Gruenberg	ARG	X		X			X
Marcelo Valacco	ARG	X			X	X	X
Marcelo Amaro	ARG	X					
Marcelo Mudo	BRA	X					
Marcelo Wajchenberg	BRA	X					
Marcelo Ochoa	ECU				X		
Marcio Vinhal	BRA	X					
Marco Medina	PER	X			X	X	X
Marco Antonio Paredes Nuñez	BOL		X				
Marcos Tebet	BRA	X					
Marcos Ganga	CHL	X					
Marcus Alexandre Mello Santos	BRA	X					
Mario Taricco	BRA	X		X		X	X
Mario Solano Salas	CRI	X					
Mario Herrera	COL	X					
Mario Fleita Pedrazzi	ARG	X					
Mario Patricio Zumarraga Velasco	ECU	X		X			X
Marleny Llerena	PER	X		X			
Marlon Díaz	VEN	X					
Martha Hernández-Galvez	ECU	X			X		X
Martín Tejeda	MEX	X			X	X	X
Martín Medina	ARG	X					
Martín Hidalgo	CHL	X					
Martín Aliaga	BOL	X	X				
Matias Petracchi	ARG	X					
Maurício Calais	BRA	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Mauricio Gusmão	BRA	X					
Mauricio Campos	CHL	X			X		
Mauricio Montalvo Galindo	MEX	X					
Mauro Volpi	BRA	X					
Michael Hinojosa	PER	X		X	X		
Michael Dittmar	MEX	X			X		X
Miguel Alejandro Alfonso	COL	X					
Milan Munjin	CHL	X					
Mitzadi Ordoñez	PAN	X					
Nayib Marquez	VEN	X					
Nelson Astur Neto	BRA	X					
Nelson Morales	COL		X		X		
Nestor Taboada	COL	X			X	X	X
Nestor Guzman	COL	X			X		
Néstor Fiore	ARG	X		X		X	X
Nicolas Ciccioi	ARG		X				
Norbery Rodriguez de la Paz	CUB	X					
Olavo Letaif	BRA	X					
Olga Morillo	VEN	X					
Olger Alarcon	PER		X				
Oscar Martinez	MEX	X			X		
Oscar Carreras Scotto	URY	X			X		
Osmar Moraes	BRA	X		X	X	X	X
Osvaldo Romano	ARG	X			X		
Osvaldo Ojeda Serrano	CHL	X					
Otto Alvarado Ortiz	GTM	X					

AOS T4F AOSpine Faculty Training

- T4F 1 Complete program
- T4F 1 Mini Faculty Training (extended pre-course)

AOS T4C AOSpine Chairperson Training

- T4C 1 Chairperson Training (before 2012)
- T4C 1 Chairperson Training (Curriculum)

AOSLA FI AOSLA Faculty Improvement

AOS T4EA AOSpine Educational Advisor Training

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Pablo Vela	COL	X		X		X	X
Pablo Jalon	ARG	X	X				
Pablo Pereda	URY	X					
Patricio Bustos	CHL	X					
Patricio Melero	CHL		X				
Patricio Yokota	CHL			X			
Paulo Cavali	BRA	X					X
Pedro Reyes	MEX	X					
Pedro Soto	PER				X		
Pedro Luis Bazán	ARG	X			X	X	
Rafael De la Riva Rohmoser	GTM	X					
Rafael Souza	BRA	X					
Ramiro Gutierrez	ARG	X					
Ramiro Barrera	ARG	X					
Raphael Martus Marcon	BRA	X					
Ratko Yurac	CHL	X			X		
Raul Candebat	CUB	X					
Raul Arjona	PAN	X			X		X
Raul Macchiavello	PER						X
Raúl Chimbo Jurado	ECU	X					
Reddy Simón	PRY	X			X		
Rene Rubinos	CUB	X					
Rene Torrejon	BOL		X				
Rene Chirinos	PER				X		
Ricardo Ribeiro	BRA	X		X	X	X	
Ricardo Andaluz	MEX	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Ricardo Restrepo	COL	X					
Ricardo Botelho	BRA	X					
Ricardo Dória Netto	BRA	X					
Ricardo Umeta	BRA	X					
Ricardo Londoño	COL						X
Robert Meves	BRA	X		X	X		
Robert Rosado Inga	PER		X				
Roberto Chapa	MEX	X		X		X	X
Roberto Abreu	DOM	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Roberto Postigo	CHL	X		X		X	
Rodolfo Lopez Allendes	CHL	X					X
Rodolfo Paez Gonzalez	COL		X				
Rodrigo Valenzuela	CHL		X				
Roger Brock	BRA	X					
Rogério Resende	BRA	X					
Ronald Farias	BRA	X					
Ruben Cardenas	MEX	X					
Ruben Alejandro Morales Ciancio	ARG	X					

NAME	COUNTRY	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Samuel Pantoja	CHL	X			X		X
Sergio Zylbersztejn	BRA	X					
Sérgio Daher	BRA	X					
Túlio Rangel	BRA	X					
Ubirajara Bley Filho	BRA	X					
Víctor Flores-Verdugo	MEX	X					
Víctor Dávila	VEN	X			X		X
Wagner Pasqualini	BRA	X					
William Teixeira	BRA	X			X		
TOTAL		270					

AOS T4F AOSpine Faculty Training

T4F 1 Complete program

T4F 1 Mini Faculty Training (extended pre-course)

AOS T4C AOSpine Chairperson Training

T4C 1 Chairperson Training (before 2012)

T4C 1 Chairperson Training (Curriculum)

AOSLA FI AOSLA Faculty Improvement**AOS T4EA AOSpine Educational Advisor Training**

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Advancing
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worldwide

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