

# AOSpine Latin America Annual Report 2016



▷ Education

▷ Regional Courses  
Bogotá 2016

▷ Fellowships &  
Spine Centers

▷ Research

▷ Community  
Development

▷ Governance

**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 2016

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Every year, AOSpine Latin America (AOSLA) publishes its annual report in order to provide insights about the activities that were implemented during the year that is about to end. 2016 was an important year for us to consolidate educational and research projects and to launch new ambitious activities such as the AOSpine Regional Courses that took place in Bogota.

Regional Courses is a new event designed to take place annually as the main AOSpine event in the region. The aim of this project is to create an opportunity for Latin American spine surgeons to meet and participate in high quality academic programs taught by leading experts on spine pathologies. A special section of the report will be dedicated to this occasion.

This document details AOSLA results in 2016 by showing data and figures on trends, projects, and events with a special highlight to the Regional Courses. The report is divided into five chapters dedicated to the following topics: Governance, Community Development, Research, Fellowships & Spine Centers, and Education.

We wish a good lecture to all readers hoping that our results are of your interest.

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## ▶ Chairperson's Word

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Dear AOSpine friends,

It is an honor to be elected as Chair of the AOSLA Board. Thank you for the opportunity to work with you for the next three years. It is a great responsibility to be able to further increase the accomplishments of AOSpine Latin America.

I would like to congratulate the previous Chairs of the Board: Roberto Chapa, Osmar Moraes, Marcelo Gruenberg, and Luiz Vialle for the excellence of their work and vision.

The greatest strength of this institution is “YOU”, a competent and qualified team that has the intrinsic motivation to work together. Success is the result of the work of many people: Board, Office, Chapters, Faculty, AOSpine members, and partnerships. Therefore, I wish to invite you to bring your innovative ideas and efforts to take AOSpine Latin America one step further.

The action points planned for the next three years are as follows: (I) to implement a TEAM approach: Transparent, Egalitarian, Accountable,

and Meritocratic in order to increase the transparency of what we do; (II) to develop clear rules and prerequisites to be involved in AOSLA education and research activities; (III) to clearly define the AOSLA process to become a local, regional, and international faculty, Chairperson, and education advisor; (IV) to improve communication between the Chapters, Board, and Office; and (V) to increase the face-to-face and online educational activities.

The elections for the positions of AOSLA Education-elect, Community development, and Fellowships & Spine Centers were conducted at the beginning of the year appointing Nestor Taboada, Jaime Segura, and Emiliano Vialle, respectively, to begin their terms last July.

Moreover, I would like to highlight that Latin America spine surgeons are taking important positions within AO. For instance, Juan Emmerich is the new Champion of the Faculty Development and Management Task Force for AOSpine International. Furthermore, Emiliano Vialle and William Jacobsen Teixeira, respectively, were invited to be part of Trauma and Tumor Knowledge Forum.





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## ▶ Chairperson's Word

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In 2016, the academic activities featured 58 courses, symposia, and seminars with over 3.500 participants while the Advanced Online Courses had over 1.000 participants. In addition, the Continuing Education Program was updated to provide better active educational methodologies.

Finally, the 2016 Regional Courses in Bogota held in November 3–5, 2016 was a success with more than 200 participants. This event was a great opportunity to prepare us for the 2017 Regional Courses that will be in Mexico City on June 22–24. We suggest you “Save the date” for a further outstanding interaction with our international speakers: Richard Bransford, Michael Fehlings, Roger Härtl, Frank Kandziora, Jean Ouellet, Christopher Shaffrey, Alexander Vaccaro, and Jeffrey Wang.

2016 was a year of great achievements for AOSpine Latin America. The results will be presented in detail in the following sections.





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# ▶ Governance



## ▷ International Board

In 2016, AOSpine welcomed Bryan Ashman and Alaa Ahmad to take part on the AOSpine International Board.

Bryan Ashman is the new AOSpine Education-elect for the International and Regional Boards. He joined the commission on July 1<sup>st</sup>, 2016 and will take over as Education Chair in July 2017.

On the other hand, the elections that took place at the AOSpine Members Assembly, during the Global Spine Congress in Dubai, entitled Alaa Ahmad as the first Member Representative in the history of AOSpine.

The Member Representative stands for the AOSpine members and their interests in the AOSIB and chairs the Member Assembly at the Global Spine Congress. Ahmad joined the first AOSIB meeting after the election as Member Representative Elect, and will start his official term with voting rights after the Global Spine Congress in Milan in 2017 for one year.



### ▷ Chairperson

**Daniel Riew**  
USA  
Term starts July 01, 2015  
Term ends June 30, 2018



### ▷ Education

**Mike Grevitt**  
United Kingdom  
Term starts July 01, 2014  
Term ends June 30, 2017



### ▷ Community Development

**Klaus Schnake**  
Germany  
Term starts July 01, 2015  
Term ends June 30, 2018



### ▷ Executive Director

**Jayr Bass**  
Switzerland



### ▷ Past Chairperson

**Jeffrey Wang**  
USA  
Term starts July 01, 2015  
Term ends June 30, 2017



### ▷ Research

**Shanmuganathan Rajasekaran**  
India  
Term starts July 01, 2015  
Term ends June 30, 2018



### ▷ Member Representative

**Alaa Ahmad**  
Palestine  
Term starts May 07, 2017  
Term ends May 06, 2018

## REGIONAL BOARDS CHAIRPERSONS

### ▷ AOSAP Chairperson



**Chung Chek Wong**  
Malaysia  
Term starts August 01, 2016  
Term ends July 31, 2019

### ▷ AOSEU Chairperson



**Giuseppe Barbagallo**  
Italy  
Term starts July 01, 2016  
Term ends June 30, 2019

### ▷ AOSME Chairperson



**Abdulaziz Al-Mutair**  
Kuwait  
Term starts July 01, 2015  
Term ends June 30, 2018

### ▷ AOSLA Chairperson



**Asdrubal Falavigna**  
Brazil  
Term starts July 01, 2016  
Term ends June 30, 2019

### ▷ AOSNA Chairperson



**Darrel Brodke**  
USA  
Term starts August 01, 2016  
Term ends July 31, 2019

## ▶ Elections 2016

In 2016, new members of the regional board were appointed due to the conclusion of the term of the previous board members. The new Chairperson, Community Development, Education-Elect, and Spine Centers & Fellowships officers took on their activities in July 2016. The elections of the AOSLA officers is done through the votes of the delegates of the Latin American Region.

Furthermore, this year the roles of Education–Orthopedics and Education–Neurosurgery merged into one position and the Education-elect office has been implemented. This position has been put into effect to ensure an efficient transition.

## ▶ Regional Board

The Latin American board is as follows, considering the elections and conclusion of the terms of the previous board members:

AOSpine Latin America is very grateful for the enthusiasm and great work that has been carried on over the years by Roberto Chapa, Ratko Yurac and Samuel Pantoja during their activities as AOSpine Latin America board members.



### ▶ Chairperson

**Asdrubal Falavigna**

Brazil

Term starts July 01, 2016  
Term ends June 30, 2019



### ▶ Education Neuro

**Juan Emmerich**

Argentina

Term starts April 01, 2014  
Term ends June 30, 2017



### ▶ Community Development

**Jaime Segura**

Colombia

Term starts July 01, 2016  
Term ends June 30, 2019



### ▶ Research

**José María Jiménez**

Mexico

Term starts July 01, 2015  
Term ends June 30, 2018



### ▶ Past Chairperson

**Roberto Chapa**

Mexico

Term starts July 01, 2016  
Term ends June 30, 2018



### ▶ Education–Elect

**Néstor Taboada**

Colombia

Term starts July 01, 2016  
Term ends June 30, 2017



### ▶ Spine Centers & Fellowships

**Emiliano Vialle**

Brazil

Term starts July 01, 2016  
Term ends June 30, 2019



### ▶ Regional Director

**Antonio Machado**

Brazil

# ▶ AOSpine Latin America Boards 2003–2020

Chairperson      Education–Ortho      Education–Neuro      Community Development      Research      Spine Centers & Fellowships

Year	Chairperson	Education–Ortho	Education–Neuro	Community Development	Research	Spine Centers & Fellowships
2003	 <b>Luiz Vialle</b> MAY 2003 APR 2007					
2004		 <b>Marcelo Gruenberg</b> MAR 2004 APR 2007		 <b>Michael Dittmar</b> JUL 2004 JUN 2007		 <b>Luis Carlos Morales</b> JUL 2004 JUN 2007
2005			 <b>Osmar Moraes</b> APR 2005 MAR 2008			
2006					 <b>Manuel Alvarado</b> JAN 2006 MAR 2009	
2007	 <b>Marcelo Gruenberg</b> MAY 2007 APR 2010	 <b>Néstor Fiore</b> MAY 2007 JUL 2010		 <b>Roberto Chapa</b> AUG 2007 JUL 2010		 <b>Pablo Vela</b> JUL 2007 JUL 2010
2008			 <b>Mario Taricco</b> APR 2008 MAR 2011			
2009					 <b>Emiliano Vialle</b> APR 2009 JUN 2012	
2010	 <b>Osmar Moraes</b> MAY 2010 JUL 2013	 <b>Roberto Postigo</b> AUG 2010 JUL 2013		 <b>Marcelo Valacco</b> AUG 2010 JUL 2013		 <b>Andrés Rodríguez</b> AUG 2010 JUL 2013
2011			 <b>Marco Medina</b> APR 2011 MAR 2014			
2012					 <b>Asdrubal Falavigna</b> JUL 2012 JUN 2015	
2013	 <b>Roberto Chapa</b> AUG 2013 JUN 2016	 <b>Robert Meves</b> AUG 2013 JUL 2016		 <b>Samuel Pantoja</b> AUG 2013 JUN 2016		 <b>Ratko Yurac</b> AUG 2013 JUN 2016
2014			 <b>Juan Emmerich</b> APR 2014 JUN 2017			
2015					 <b>José Jiménez</b> JUL 2015 JUN 2018	
2016	 <b>Asdrubal Falavigna</b> JUL 2016 JUN 2019		 <b>Néstor Taboada</b> JUL 2017 JUN 2020	 <b>Jaime Segura</b> JUL 2016 JUN 2019		 <b>Emiliano Vialle</b> JUL 2016 JUN 2019
2017						

## ▷ AOSLA Board Meetings

### Board Meeting I – Brazil

#### DATE

March 05–06, 2016

#### VENUE

Hotel Renaissance – São Paulo, Brazil

#### BOARD MEMBERS

Roberto Chapa, Asdrubal Falavigna, Ratko Yurac, Juan Emmerich, José Maria Jiménez, Robert Meves, Samuel Pantoja

#### AOSPINE

Antonio Machado, Carla Vinize, Carlos Montero, Luana Torres, Leonardo Peroni

#### GUESTS

Osmar Moraes, Jaime Feeney, Lina Mendez, Jayr Bass, Abner Lobão

#### TOPICS DISCUSSED

- AOSLA update – Elections and Regional Courses
- Education – CEP, Plan, Events, Faculty Development
- Community Development
- Promote Publications – Social Media
- AOSI Structure, Projects and Governance
- AOSLA Research – Database, Research Book, Research Award, Post-Graduation
- Spine Centers & Fellowships
- Recertification Process – SC Application, Ex Fellow Meeting, Collaboration Initiatives

### Board Meeting II – Colombia

#### DATE

August 11–13, 2016

#### VENUE

JW Marriott – Bogota, Colombia

#### BOARD MEMBERS

Roberto Chapa, Asdrubal Falavigna, Ratko Yurac, Nestor Taboada, Juan Emmerich, José Maria Jiménez, Emiliano Vialle, Robert Meves, Samuel Pantoja, Jaime Segura

#### AOSPINE

Antonio Machado, Carlos Montero, Luana Torres

#### COUNCIL MEMBERS

Fernando Alvarado, Luis Arango, Carlos Carmona, Carlos Ramirez

#### GUESTS

Jeff Wang, Jaime Feeney, Andrea Ariza, Jaime Quintero, Maria Nerieth

#### TOPICS DISCUSSED

- AOSLA – The Future
- AOSIB – Trustees and AOLAT meeting
- Education – 2017 Plan, Regional Courses and Hospital-based Seminars
- AOSLA Post-grad UCS/AOSLA
- DPS Regional Strategy
- Research – Publications and award
- Fellowships & Spine Centers – status and self-assessment of the program
- Community Development – activities to be carried out in the Region
- Governance and Regional Terms of Reference (ToR) – Current status and elections

### Board Meeting III – Colombia

#### DATE

November 01, 2016

#### VENUE

JW Marriott – Bogota, Colombia

#### BOARD MEMBERS

Roberto Chapa, Asdrubal Falavigna, Nestor Taboada, Juan Emmerich, José Maria Jiménez, Emiliano Vialle, Jaime Segura

#### AOSPINE

Antonio Machado, Carlos Montero, Luana Torres, Carla Vinize

#### TOPICS DISCUSSED

- Fellowship – Proposals for centers rotation
- Communication plan
- International Research Projects, funding, Knowledge Forum structure
- Update research book and education initiatives
- Education assessments – funds, structure, needs, plan, faculty development



# ▶ Country Councils and Delegates

2016 was a stable year for the Latin American Country Councils.

## LOCAL CHAPTERS

Country	Chairperson	Education–Ortho	Education–Neuro	Community Development	Research
 ▶ Argentina	 <b>Marcelo Valacco</b> JAN 2014–DEC 2016	 <b>Cristian Illanes</b> JUN 2014–MAY 2017	 <b>Pablo Jalón</b> OCT 2015–SEP 2018	 <b>Pablo Barbieri</b> OCT 2015–SEP 2018	 <b>Claudio Fernandez</b> OCT 2015–SEP 2018
 ▶ Bolivia	 <b>Juan Marcelo Sea</b> APR 2014–APR 2017	 <b>Luis Duchén</b> APR 2014–APR 2017	 <b>Marco Paredes</b> APR 2014–APR 2017	 <b>Eddy Antonio Dorado</b> APR 2014–APR 2017	 <b>Fernando Aliaga</b> APR 2014–APR 2017
 ▶ Brazil	 <b>Albert Brasil</b> OCT 2015–SEP 2018	 <b>Luiz Gustavo da Rocha</b> OCT 2015–SEP 2018	 <b>Roger Brock</b> OCT 2015–SEP 2018	 <b>Marcio Vinhal</b> OCT 2015–SEP 2018	 <b>Nelson Astur Neto</b> OCT 2015–SEP 2018
 ▶ Chile	 <b>Manuel Valencia</b> OCT 2015–SEP 2018	 <b>Mauricio Campos</b> MAR 2014–MAR 2017	 <b>Felipe Rossel</b> OCT 2015–SEP 2018	 <b>Claudio Dintrans</b> NOV 2013–DEC 2016	 <b>Álvaro Silva</b> INTERIM
 ▶ Colombia	 <b>Jaime Segura</b> INTERIM	 <b>Luis Arango</b> FEB 2014–JAN 2017	 <b>Carlos Ramirez</b> OCT 2015–SEP 2018	 <b>Carlos Carmona</b> OCT 2015–SEP 2018	 <b>Fernando Alvarado</b> OCT 2015–SEP 2018
 ▶ Costa Rica	 <b>Andrés Angulo</b> DEC 2015–NOV 2018	 <b>Alexander Valverde</b> DEC 2015–NOV 2018	 <b>Edgar Jimenez</b> DEC 2015–NOV 2018	 <b>Luís Brenes</b> DEC 2015–NOV 2018	 <b>Esteban Araya</b> DEC 2015–NOV 2018

▷ Country Councils and Delegates

Country	Chairperson	Education—Ortho	Education—Neuro	Community Development	Research
 ▷ Cuba	 <b>Ernesto Fleites</b> JUL 2013–DEC 2016	 <b>Raul Candebat</b> JUL 2013–DEC 2016	 <b>Nestor Pulido</b> JUL 2013–DEC 2016	 <b>Enrique De Jongh</b> JUL 2013–DEC 2016	 <b>Carlos Santos</b> JUL 2013–DEC 2016
 ▷ Dominican Republic	 <b>Giovanni Ureña</b> OCT 2015–SEP 2018	 <b>Iohan Fernandez</b> OCT 2015–SEP 2018	 <b>Freddy Flores</b> OCT 2015–SEP 2018	 <b>Piero Perrone</b> OCT 2015–SEP 2018	 <b>Franklin Abreu</b> OCT 2015–SEP 2018
 ▷ Ecuador	 <b>Martha Hernández</b> JAN 2014–DEC 2016	 <b>Marcelo Ochoa</b> JAN 2014–DEC 2016	 <b>José Vasconez</b> JAN 2014–DEC 2016	 <b>Jack Ordoñez</b> JAN 2014–DEC 2016	 <b>Carlos Arias</b> JAN 2014–DEC 2016
 ▷ Guatemala	 <b>Julio Pozuelos</b> JUL 2014–JUN 2017	 <b>Gabriel Murga</b> JUL 2014–JUN 2017	 <b>Pedro Brol</b> JUL 2014–JUN 2017		
 ▷ Mexico	 <b>Gustavo Casas</b> JAN 2014–DEC 2016	 <b>David Servín</b> OCT 2015–SEP 2018	 <b>Sergio Castillo</b> OCT 2015–SEP 2018	 <b>Barón Zárate</b> OCT 2015–SEP 2018	 <b>Alberto Aceves</b> OCT 2015–SEP 2018
 ▷ Panama	 <b>Raul Arjona</b> DEC 2013–DEC 2016	 <b>Dionisia Marín</b> DEC 2013–DEC 2016	 <b>Ricardo Bermudez</b> DEC 2013–DEC 2016	 <b>Mitzadi Ordoñez</b> DEC 2013–DEC 2016	
 ▷ Peru	 <b>Alfonso Basurco</b> JUL 2014–JUN 2017	 <b>Rene Chirinos</b> JUL 2013–DEC 2016	 <b>Arturo Morales</b> JAN 2012–DEC 2016	 <b>Pedro Soto</b> OCT 2015–SEP 2018	 <b>Shandher Tovar</b> OCT 2015–SEP 2018
 ▷ Venezuela	 <b>Olga Morillo</b> OCT 2015–SEP 2018	 POSITION UNDER ELECTION	 <b>Marlon Díaz</b> NOV 2013–DEC 2016	 POSITION UNDER ELECTION	 <b>Victor Dávila</b> INTERIM

## ▶ Country Councils and Delegates

 CUBA ELECTED BOARD

In 2016, there were elections to name the Cuban Board that will start its activities on January 2017. The Board will be composed as follows:

## Chairperson

Enrique De Jongh

## Education—Ortho

Jorge Jerez Labrada

## Education—Neuro

Orestes Piloto

## Community Development

Madelín Sosa

## Research

Eduardo Albisu

 AOSPINE VENEZUELA BOARD

Due to personal reasons Jose Elias Duran and Luis Lara resigned their office as council members, leaving these positions open for elections.

## 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, Jerônimo Milano, Luiz Vialle, Osmar Moraes, William Teixeira

▶ Chile 

Aliro San Martin, Enrique Concha Julio, Ratko Yurac, Roberto Postigo, Samuel Pantoja

▶ Colombia 

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

▶ Costa Rica 

José Pérez-Berrios, Mario Solanos Salas

▶ Ecuador 

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

▶ El Salvador 

Ricardo Santamaria Molina

▶ Guatemala 

Arturo Guerra, Erny Leal Guerra, Erick Rodas, Juan Pablo De León Palacios

▶ Honduras 

Carlos Contreras

▶ Jamaica 

Carl Bruce, Ian Neil

▶ Mexico 

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

▶ 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



# ▶ Community Development



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## ▶ Community Development

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### Officer's Word

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Dear friends,

2016 was a very positive year for the AOSpine community, both globally and in our region. During the year, we developed 64 courses in Latin America in the areas of principles and advanced courses, symposia, and modules on cadavers and anatomy, in addition to the already highly recognized virtual courses. We can proudly say that more than 3500 spine surgeons participated in our different events. This fantastic result would not have been possible without your precious help.

It is for me a great satisfaction, and at the same time a great challenge, to be elected as head of Community Development within the Latin America board, a position that I have worked in since July. In this first annual report of my term, rather than communicating the tasks performed, I would like to acknowledge the outstanding job of my predecessor, Dr. Samuel Pantoja, and Leonardo Peroni (project manager). Thanks to their work, we have finished the year with more than 1,400 members in 21 countries. This achievement keeps us in a very significant position in the global context, thus producing benefits for all our members.

Our region is recognized within AOSpine for its organization and capacity for innovation, always looking to improve the practice of spine surgeons and the health of the patients. This year we held in Bogota the first Regional Courses in Latin America. The event allowed us to bring together colleagues from across the region

by fulfilling the philosophy that inspired it: integrate Latin American spine surgeons in an event that uses the local language and counts with the participation of key international faculty who are recognized as opinion leaders in their fields (trauma, tumors, deformities and degenerative). We are sure that in the coming years our event will become an important meeting that will be awaited throughout the region.

We are convinced that globalization and technological advances transformed the educational process significantly. Therefore, our offer aims to extend educational opportunities online, including further high-quality products designed to match the interest of each student in a package called On-line 360.

2017 appears to be a very promising year for our community. However, we need your participation and feedback. By doing so, you will help us improve the quality of our events and products while meeting your expectations.

Best regards,

---

**Jaime Segura**

AOSpine Latin America Community Development Officer



## ▶ Membership

In 2016, AOSLA was able to recruit more than 800 new members. However, even if the retention rate keeps being over 50%, it has been decreasing during the year.

In 2016, AOSLA continued to implement its membership strategy by providing surgeons and members with high quality courses, customized assistance, and various benefits. Recruiting and retention activities were implemented in person, through AOSLA participation in events, with publications in specialized magazines and online via e-mail campaigns and social media. In particular, participation in events is considered very important as most of the new memberships are negotiated during those events.

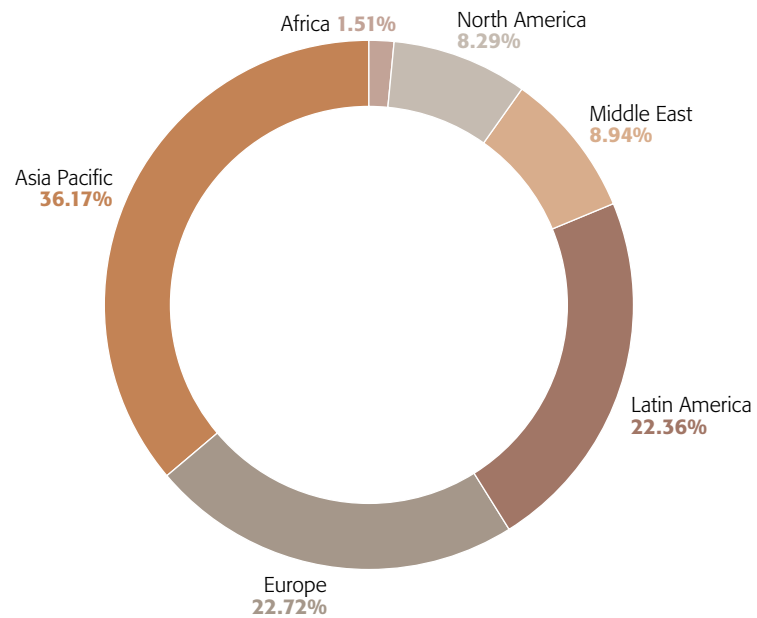
## ▶ Global membership overview

### Members X Associates

Region	Total Members	Associates
Asia Pacific	2,281	12,054
Europe	1,433	7,645
Latin America	1,410	7,322
Middle East	564	2,862
North America	523	2,415
Africa	95	58
<b>TOTAL</b>	<b>6,306</b>	<b>32,881</b>

Results as of December 2016

Percentage of members according to region

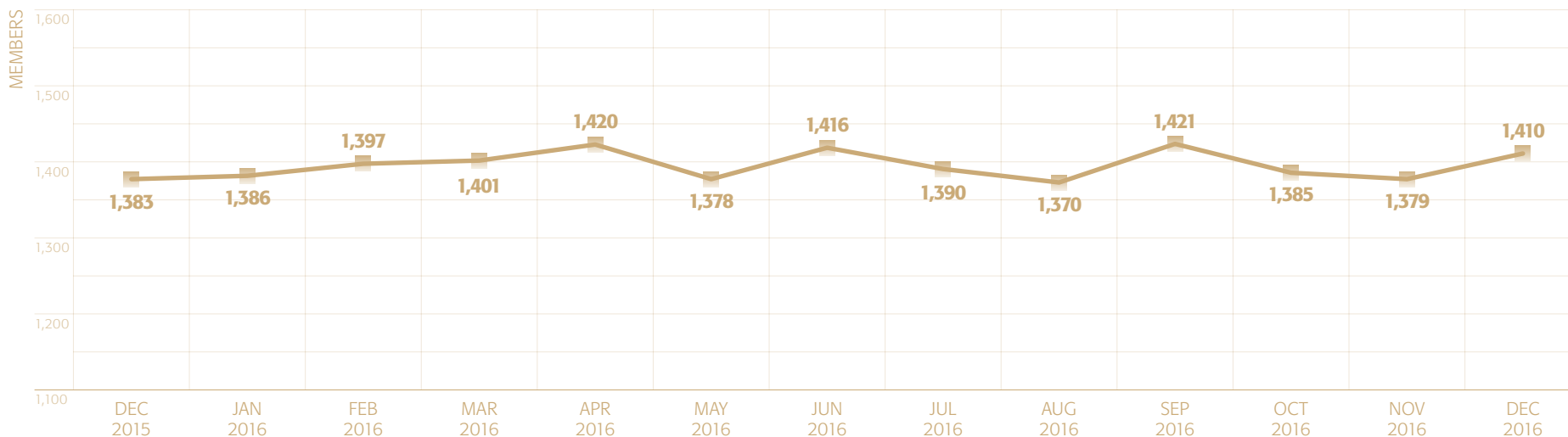


## ▶ Latin America membership overview

### Membership balance per country

Country	December-2015	December-2016	Country	December-2015	December-2016	Country	December-2015	December-2016
Brazil	411	383	Peru	101	70	Costa Rica	18	19
Argentina	229	228	Dominican Republic	27	32	Guatemala	10	12
Mexico	181	225	Ecuador	40	32	Paraguay	8	10
Venezuela	113	122	Cuba	2	26	Bolivia	20	8
Colombia	91	110	Panama	25	22	OTHERS	11	11
Chile	68	78	Uruguay	26	22			

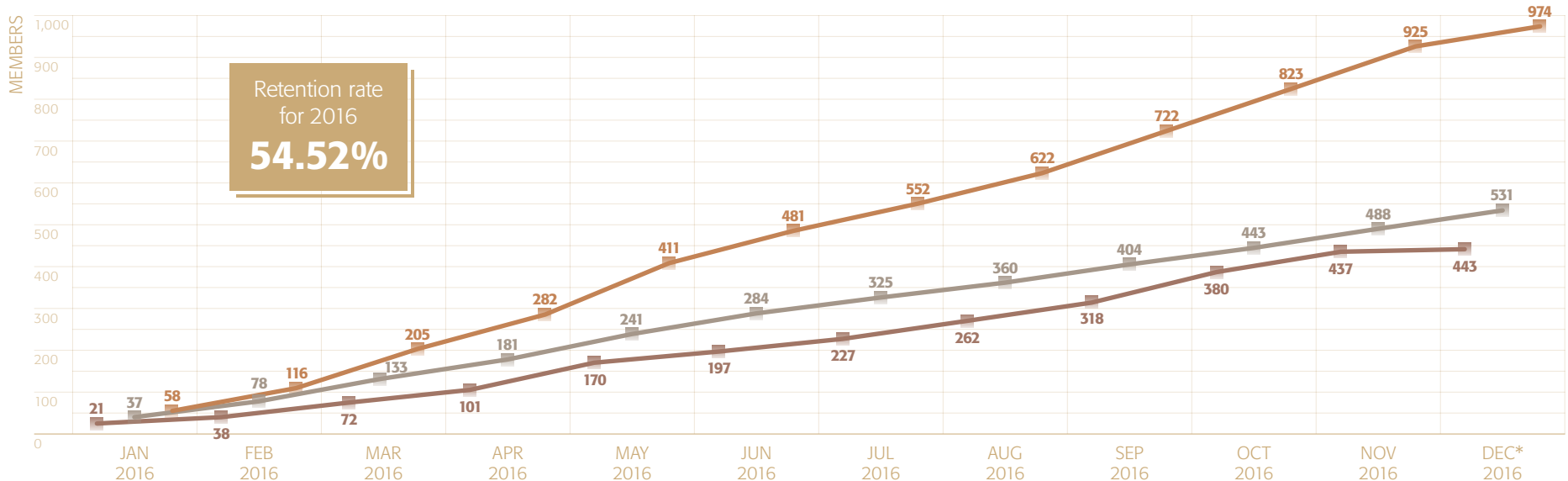
### Membership evolution 2016



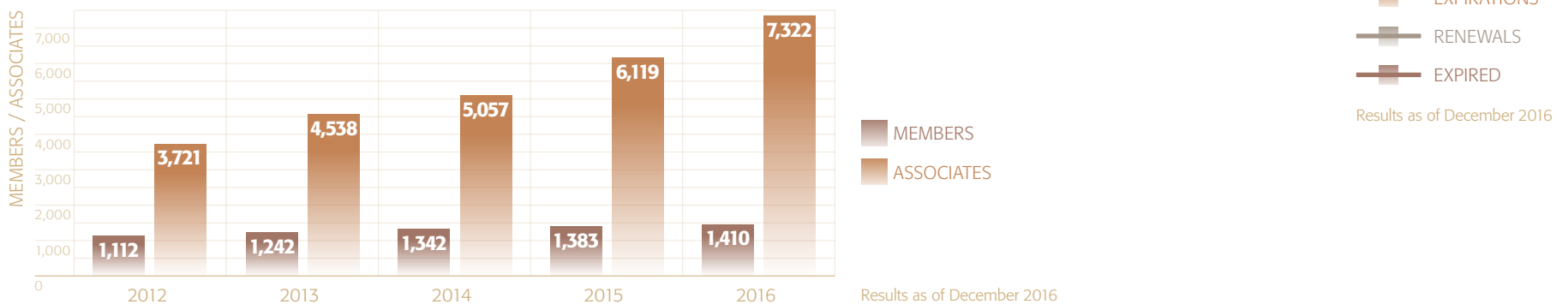
## ▶ Membership Retention 2016

2016 was a stable year for AOSpine Latin America. Even though the economic situation in our region wasn't friendly, AOSLA managed to keep a stable number of members.

### Cumulative retention—2016



### Membership trend 2012–2016





## ▷ CD Initiatives

In education, communication has always been considered as a paramount element to spread knowledge. At AOSLA we are aware of this important element. This is why we implemented new instruments in order to improve internal and external communication.

At the internal level, AOSLA launched a forum for CD members of the chapters. The idea is to use this channel to increase cohesion between the activities in the countries and Headquarters.

In order to increase our communication channels with our external public, AOSLA has launched a newsletter that is published quarterly.

## ▷ AOSLA Social Media

During 2016, AOSLA was very active in the Social Media with very good results. With a total of 1190 followers on Facebook, AOSLA increased its followers by 33% in less than a year. In November, the increase of followers on Twitter was 133%, passing from 250 followers in January to 583 in November.

Both instruments have been used to communicate news and events about AOSLA and its activities. In addition, our Facebook account has also been used to engage our public by publishing pictures of events in which they were participating.



## ▶ AOSpine Presence in Latin America

In 2016, AOSpine was able to organize and participate in a large number of events. This strategy, combined with an effective communication plan, brought an increase in the number of members that will take advantage of AOSpine benefits.

The support of the local chapters was essential for planning national events and to communicate them to the local public. The additional presence of international key opinion leaders in many of our events was a further factor that caught the attention of our public.

In addition to the traditional events, AOSLA has also participated with stands in several congresses and organized its first Regional Courses in Latin America.



### 14<sup>th</sup> Annual Caribbean Neurosciences Congress and Symposium

Montego Bay Convention Centre –  
Montego Bay, Jamaica  
January 28–31, 2016

### 11<sup>th</sup> International Course of Spine Reconstructive Surgery–SCCOT

Hotel Las Américas – Cartagena, Colombia  
February 11–13, 2016

### 16<sup>th</sup> Brazilian Congress on Spine Surgery

Maksoud Plaza Hotel – São Paulo, Brazil  
March 03–04, 2016

### II International Symposium on Musculoskeletal Oncology

Hotel Radisson San Jose – San Jose, Costa Rica  
May 20–21, 2016

### 1<sup>st</sup> International Congress of the Dominican Society of Spine Surgery

Hard Rock Hotel & Casino Punta Cana –  
Punta Cana, Dominican Republic  
June 02–05, 2016

### Ateneo and Joint Meeting of Inland Surgeons–SAPCV

Hotel Howard Johnson – Neuquén, Argentina  
June 25, 2016

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 ▶ AOSpine Presence in Latin America
 

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**XLII Ecuadorian Congress on Orthopedics & Traumatology**

Hilton Colón Hotel – Guayaquil, Ecuador  
August 24–26, 2016

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**XIX Congress Of The Argentine Society of Spine Pathology**

Puerto Norte Centro de Convenciones – Rosario, Argentina  
August 31, September 01–02, 2016

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**XXXI Brazilian Neurosurgery Congress**

Kenio Suzuki Centro Internacional de Convenções do Brasil – Brasília, Brazil  
September 06–10, 2016

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**XVII Amcico Congress**

QCC & QTM, Querétaro Centro de Congresos – Santiago de Querétaro, Mexico  
September 13–17, 2016

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**XXVII Mexican Congress of Orthopedics and Traumatology FEMECOT**

Centro de Convenciones Baja California Center – Tijuana, Mexico  
October 25–29, 2016

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**NEUROPINAMAR**

Del Bosque Hotel – Pinamar, Argentina  
December 01–03, 2016

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**58<sup>th</sup> National Congress of the Venezuelan Society of Orthopedic and Traumatology Surgery**

Eurobuilding Hotel & Suites – Caracas, Venezuela  
Dezember 05–07, 2016

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# ▷ Research

## ▶ Research

### Officer's Word

Dear friends,

In 2016, “Education in Research” was the center of our efforts in AOSpine Latin America, which allowed us to turn our weaknesses into areas of opportunity and strengthen research in our region.

An example of such opportunities was our continuing education program that through online offers was improved and updated according to the needs of our members. The courses include all the didactic tools that were elaborated previously and explained in our book “From the idea to the Publication”.

The success of this strategy led us to put together, in partnership with the other AO divisions (AOTrauma, AOVet and AOCMF), a course called AOne Research. The objective of the course is to share concepts, knowledge and methodology, in order to provide training in scientific knowledge in areas related to surgery, as well as its dissemination through high level impact scientific papers.

The high capacity and good production quality of scientific papers in our region is clear when we consider events such as the Dubai Global Spine Congress (2016), where 853 abstracts were received from all over the world – 8% from Latin America. Due to their quality, some of these articles were published in journals indexed with high impact factor.

In order to keep supporting research in our region, the AOSpine Latin America Research Award has been designed to reward the best 2017 Latin American paper submitted at the Global Spine Congress in Milan. Furthermore, the partnership with the AOSpine Research Commission started the program “Mentorship in Research”.

This program will teach young surgeons the principles of clinical research. We hope these surgeons join the AOSpine research program in the future.

We are currently in the stage of editing a new book whose core topics are on Surgical Biostatistics. This book, called “From Measurement to Interpretation”, is an instrument written to help understand each one of the statistical tests.

In 2016, Latin America was the region with the best score in productivity. In other words, research in Latin America is producing the best results related to financial investments. Because of these results, AOSLA was granted economic incentives that will be used in the remainder of this year in education and/or research activities.

In 2017, we will continue to seek strategies to produce instruments to enable the execution of research projects. One of these strategies will be the implementation of a “Global Database” to facilitate the gathering of multicentric projects and allow the analysis of data before the creation of ideas that can end up in a scientific paper.

I would like to express my appreciation and thanks to all the members of AOSpine team and fellow spine surgeons for their support, which allowed us to integrate all these actions towards a path where we clearly see a future full of great proposals and good results.

Best regards,

**José María Jiménez**

AOSpine Latin America Research Officer



## ▷ Education in Research

In the year that just passed, Research in Latin America was a very dynamic field in which the AOSpine team looked for new ways to innovate. In addition to consolidating activities started in previous years, AOSpine Latin America stimulated research as a key tool to capacitate surgeons.

### Online Activities

#### **Online Course on Access to Information: Research in Database**

Edition 1: June 05–July 23, 2016

Edition 2: October 09–November 26, 2016

Because of the large demand, in 2016, AOSLA implemented two editions of the already consolidated AOSpine Online Course on Access to Information: Research in Database. More than 100 participants attended the courses and were supervised by José María Jiménez and Delio Martins.

The courses were divided into 3 modules supported through a platform that included materials in 3 languages (Portuguese, Spanish and English).

#### **Module I. Evidence-based health decision making**

Week 1. Introduction to evidence-based practice

Week 2. Formulation of the research question

#### **Module II. Research in databases**

Week 3. Google and Google Scholar

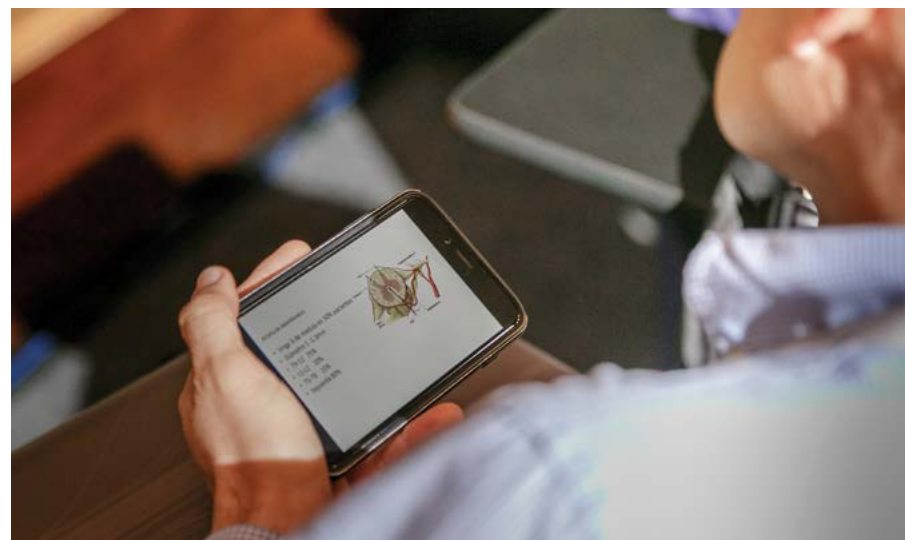
Week 4. Research within the Virtual Library on Health–BVS

Week 5. Research within the PubMed database

#### **Module III. Completion**

Week 6. Review

In 2017, we will launch the second edition of this Course to the AOSpine members.



#### **AOSpine Online Course: Guidelines for writing a scientific paper**

By 2017, AOSpine Latin America is preparing a new online course in Research, which focus on how to write a scientific paper. The topics will be as follows:

**Introduction Week.** Adaptation to the virtual learning environment

Week 1. Protocol, manuscript and Original Paper

Week 2. Types of publications

Week 3. Title, Introduction, Material and Methods

Week 4. Results, Discussion and Conclusions

Week 5. Bibliography and Acknowledgements

Week 6. Bad publication practices



## ▶ Education in Research

## Presencial Activities

Following the succes of 2015, this year AOSLA launched the following courses in research: "AOne Reasearch" and "AO/AUNA Education in Research". While the AOne Research is an exclusive AO event, AO/AUNA is a course in partnership with AUNA, Peruvian network of health centers. Both events counted with participants from all AO Clinical Divisions.

### AOSpine Principles Seminar–Research

Guadalajara, Mexico  
May 26, 2016

The event had 12 participants and many practical activities, all topics were focused in research methodology.



### AOne Research Course

São Paulo, Brasil  
June 17–18, 2016

In June 2016, the AO clinical divisions – AOSpine, AOVet, AOTrauma and AOCMF came together to implement the AOne Research Course in the city of São Paulo, Brazil. Forty participants attended the event and participated in practical activities related to innovation.



▷ Education in Research

**AOSpine Research Seminar**

Bogota, Colombia  
November 03, 2016

During the AOSpine Regional Courses in Bogota, 50 participants attended the AOSpine Seminar in Research. The topics focused in research methodology, medical writing and how to search for information in journals with a high level of impact.



**AO/AUNA Education in Research Course**

Lima, Peru  
November 26, 2016

In partnership with AUNA, all AO Clinical Divisions met for the second research event of the year. Which had 15 participants and many practical activities.



## ▶ Productivity Score

In 2016, the Research areas from the all regions had their 2015 research evaluated and given a productivity score. The evaluation aimed at providing transparency and accountability. The criteria were productivity in publications, presentations, book chapters, knowledge transfer activities and external grants. Points were assigned 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 is proud to be the region with the highest productivity score in 2015, which means that the research developed in our countries is creating the best results in comparison to the financial investments made here.

In recognition of the efforts devoted during 2015, in 2016, AOSpine Latin America received a CHF 30,000 “Reward for research productivity”. AOSLA invested the money to create study groups launched during the AOSpine Latin America Regional Courses, held in Bogota in November 2016.

### Research Productivity Ranking 2015

Knowledge Forum pathology	Publication points	Presentation points	Points for book chapter	Knowledge transfer activity points	External grants	Sum of all points	Actuals spent (kCHF)	Score: Points / Actuals x 1000
KF Tumor	37	40	30	0	0	107	232	461
KF Deformity	0	26	15	0	0	41	248	165
KF SCI	11	11	0	0	0	22	235	94
KF Trauma	64	31	30	0	0	125	193	648
KF Biologics	6	2	3	0	0	11	132	83
Region								
Middle East	0	0	0	9	0	9	16	563
Asia Pacific	108	18	0	0	0	126	280	450
<b>Latin America</b>	<b>83</b>	<b>37</b>	<b>30</b>	<b>9</b>	<b>0</b>	<b>159</b>	<b>48</b>	<b>3,313</b>
Europe	81	0	0	18	0	99	131	756
North America	263	146	0	9	0	418	1,521	275

## ▷ Research Projects

Research Project	Scope	Researchers	Status
<b>Odontoid Fracture, Type II</b>	Retrospective International Multicenter study	Asdrubal Falavigna (BRA), Daniel K. Riew (USA), Orlando Righesso (BRA), Pedro Guarise da Silva (BRA), Carlos Rocca Siri (URY), Jefferson W. Daniel (BRA), José Jiménez (MEX), Gustavo Borges Laurindo de Azevedo (BRA), Ratko Yurac (CHL), Felix Adolfo Sanchez Chavez (MEX), Ericson Sfredo (BRA), Andre Cecchini (BRA), Luis Eduardo Carelli (BRA).	Published in World Neurosurgery 2016.
<b>Histological Markers of Degeneration and Regeneration of the Human Intervertebral Disk</b>	To define histological scores for intervertebral disc degeneration that would enable the definition of morphological characteristics of disease, besides improving knowledge of the lumbar degenerative disc disease by means of immunohistochemical markers.	Asdrubal Falavigna (BRA).	Papers published in Coluna/Columna 2016.
<b>Trends in Scientific Publications of Indian Spine Surgeons Over 14 Years (2000–2013)</b>	The number and quality of scientific publications reflects the standards of scientific research in a country. However, the contribution of Indian spine surgeons toward global publications is unknown.	Rishi Mugesh Kanna (IND), Asdrubal Falavigna (BRA), Pedro Guarise da Silva (BRA), Francine Wurzius Quadros (BRA), Luiz Henrique Merlin (BRA), Lucas Radaelli (BRA), Juan Pablo Guyot (ARG), Diego Dozza (BRA), Daniel K Riew (USA), Délio Martins (BRA), Kawaguchi Yoshiharu (JAP), Shanmuganathan Rajasekaran (IND).	Published in Indian Journal of Orthopaedics 2016.
<b>Steroid Therapy in Spinal Cord Injury</b>	The objective of this study was to identify patterns of practice and reasons for steroid prescription for acute SCI in Latin America.	Alisson Teles (CAN), Jorge Cabrera (MEX), Daniel K. Riew (USA), Asdrubal Falavigna (BRA).	Published in World Neurosurgery 2016.
<b>Quality and Readability of Information on Internet</b>	Evaluate the quality and readability of Internet information in spine disease and to determine whether these measures changed with Web site modality.	Asdrubal Falavigna (BRA).	Informatic congress presentation as open paper, Porto Alegre 2016.
<b>Children scoliosis screen</b>	Examine anxiety symptoms and family experiences subsequent to school scoliosis screening referrals.	Asdrubal Falavigna (BRA), Orlando Righesso (BRA), Laurence Lenke (USA).	Apps development for iPhone and Android.

▷ Research Projects

Research Project	Scope	Researchers	Status
<b>Analysis of Scientific Output by Spine Surgeons from Japan: January 2000 to December 2013</b>	Scientific publications have a global impact on the international scientific community as they share vital information that can be applied by physicians worldwide to solve their everyday medical problems.	Yoshiharu Kawaguchi (JAP), Pedro Guarise da Silva (BRA), Francine Wurzius Quadros (BRA), Luiz Henrique Merlin (BRA), Lucas Radaelli (BRA), Juan Pablo Guyot (ARG), Diego Dozza (BRA), Delio Martins (BRA), Nicolas Scheverin (ARG), Daniel K. Riew (USA), Tomoatsu Kimura (JAP), Asdrubal Falavigna (BRA).	Published in Journal of Orthopaedic Science 2016.
<b>FA3</b>	Assess whether patients with A3-A4 fractures (fractures thoracolumbar) have better recovery if treated surgically or when subjected to non-invasive treatment.	Emiliano Vialle (BRA), Asdrubal Falavigna (BRA), Ericson Sfredo (BRA), Andre Cecchini (BRA).	Upload images – Analyzing.
<b>Dysphagia</b>	Prospective International Multicenter study: risk factor for Dysphagia after anterior cervical spine surgery.	Diego Dozza (BRA), Juan Guyot (ARG), Ratko Yurac (CHI), José María Jiménez (MEX), Barón Zárate (MEX), Nicolas Scheverin (ARG), Pablo Jalón (ARG), Orlando Righesso (BRA), Ericson Sfredo (BRA).	GSC oral paper presentation. Writing manuscript.
<b>Why and how should we measure outcomes in spine surgery?</b>	The most commonly used PRO instruments in patients with spinal disorders, focussing on their characteristics, applicability and minimum clinically important differences.	Alisson R. Teles (CAN), Khalid I. Khoshhal (SAU), Asdrubal Falavigna (BRA).	Published in Journal of Taibah University Medical Sciences 2016.
<b>Perspective of Value-Based Management of Spinal Disorders in Brazil</b>	The health care system, economic impact of spine surgery, use of patient-reported outcomes, ongoing studies about health economics, and current strategies toward implementation of quality assessment of spine care in Brazil are reviewed.	Alisson R. Teles (CAN), Orlando Righesso (BRA), Maria Carolina R. Gullo (BRA), Zohar Ghogawala (USA), Asdrubal Falavigna (BRA).	Published in World Neurosurgery 2016.
<b>Oxford: Scientific Publication of Spine Surgeons</b>	Analysis of Scientific Publication of Spine Surgeons in worldwide according with the country financial investment in research.	Asdrubal Falavigna (BRA), Juan Guyot (ARG), Diego Dozza (BRA), Nicolas Scheverin (BRA), Yoshiharu Kawaguchi (JAP), Délio Martins (BRA).	4 papers published. Analyzing and writing the article.
<b>Quality Assessment</b>	Study question: Is it feasible to build a national spine registry for the collection of high-quality prospective data to demonstrate the effectiveness of spinal procedures in actual practice?	Atiq Uz Zaman (LAH), Basen Awad (MAN), Carlos Salazar (CHL), Daniel Medina (COL), Délio Martins (BRA), Ericson Sfredo (BRA), Emiliano Vialle (BRA), Felix Sanchez (MEX), Jaime Segura (COL), José Jiménez (MEX), Mario Loreto (MEX), Martín Tejada (MEX), Oscar Malo (MEX), Rogelio Barragan (MEX), Roger Brock (BRA), Yoshiharu Kawaguchi (JAP), Alisson R. Teles (CAN), Zohar Ghogawala (USA).	Patient enrolment.

## ▷ AOSLA Study Groups

The Study Groups is a new project that aims to promote innovation through scientific investigation. The objective is to stimulate discussions and brainstorming activities about specific topics in order to develop guidelines and research projects, and create a network and platform to connect AOSLA spine surgeons so that they can expand their knowledge about specific pathologies and improve their decision-making processes.

Some assessments made us realize that there are many surgeons with poor knowledge of research motivated and interested in writing scientific papers that are not being seized by educational organizations. At AOSLA we believe that this is an opportunity to attract new members and promote the publication of scientific articles in Latin America.

It is estimated that by following this strategy AOSLA will be able to:

- **Improve the quality and quantity of scientific papers.**
- **Continue to be a leading organization that supports high performance and innovation through research and scientific publications.**
- **Increase the number of its members.**
- **Enhance the organization's visibility.**
- **Provide more research & education activities in more of Latin American countries.**
- **Identify/stimulate potential research groups.**
- **Improve patient treatment through feedbacks related to the effectiveness of our medical activities.**

### TUMOR

Coordinator	Country
William Teixeira	Brazil

### TRAUMA

Coordinator	Country
Manuel Valência	Chile

### DEFORMITY

Coordinator	Country
Emiliano Vialle	Brazil



## ▶ Publications

The second edition of the book “Education in Research: From the Idea to the Publication” was a great success in 2016. The book is being distributed in events and online through the AOSpine platform.

As a new strategy to promote research, our members can download a free PDF version of the book. This decision granted a new benefit to our members.



Furthermore, AOSLA is also working to produce a new book with the title “Education in Research: From Measurement to Interpretation—Surgical Biostatistics”. The goal of the book is to allow practitioners to understand each of the statistical tests.

Publication	Journal
<p><b>Steroid Use for Acute Spinal Cord Injury in Latin America: A Potentially Dangerous Practice Guided by Fear of Lawsuit.</b> Teles A.R., Cabrera J., Riew K.D., Falavigna A. World Neurosurg. 2016 Apr;88:342-9. doi: 10.1016/j.wneu.2015.12.045. Epub 2015 Dec 28. PMID: 26732969</p>	World Neurosurg.
<p><b>Radiotherapy-induced tumors of the spine, peripheral nerve, and spinal cord: Case report and literature review.</b> Falavigna A, da Silva P.G., Teixeira W. Surg Neurol Int. 2016 Feb 10;7(Suppl 4):S108-15. doi: 10.4103/2152-7806.176131. eCollection 2016. PMID: 26958426</p>	Surg Neurol Int.
<p><b>Perspective of Value-Based Management of Spinal Disorders in Brazil</b> Teles A.R., Righesso O., Gullo M.C.R., Ghogawala Z., Falavigna A.</p>	World Neurosurg. (2016) 87:346-354.



## AOSpine Latin America Research Award



The AOSpine Latin America Research Award was launched this year. It rewards the best Research paper from the region that will be presented at the 2017 Global Spine Congress in Milan, Italy. In order to participate the author had to meet some requirements, such as being a member of AOSpine from the Latin America Region for at least the past 2 years. Besides, it had to be an original article and the cannot have Regional Board members listed as authors.

The winner is Cristiano Magalhães Menezes with the Abstract “Sagittal alignment parameters in patients submitted to extreme lateral interbody fusion (XLIFR) versus minimally invasive transforaminal lumbar interbody fusion (MIS-TLIF)” in the topic “Minimally invasive spine surgery”. The reward consists in a round trip ticket to Milan and three nights of accommodation.

*I received this award from AOSpine Latin America with pride and satisfaction, because the Global Spine Congress is an event recognized worldwide for its high scientific level. This award consecrates a constant search for the academic improvement of the group and stimulates us immensely to follow in our research projects. I thank AOSpine for the recognition and invaluable support.*



Cristiano Magalhães Menezes





# ▷ Spine Centers and Fellowships

## ▶ Spine Centers and Fellowships

### Officer's Word

Dear friends,

It is a great pleasure to be once again part of the Board of AOSpine Latin America. After 15 years of involvement with the AOSpine fellows program at the Cajuru Hospital, and receiving doctors from practically every Latin American country to train them on our surgery techniques, I believe I have accumulated the required educational and logistical experience that can be shared with other training centers.

2016 was a year with great results where 22 Fellows and 4 Observers had the chance to train with some of the best spine surgeons and teams in Latin America. For 2017, we received the application of 49 candidates to participate to our fellowship programs. What is more, this year AOSLA also incorporated a new spine center to its network of partners: the "Instituto Nacional de Rehabilitación" in Mexico City, Mexico.

An additional important event that occurred in 2016 is that AOSpine started to implement the Spine Centers Performance Report. The report is a new initiative aiming at assessing the training activities of our fellows and their consistency to the programs they applied to. Currently, we are at a good point to receive the first assessments. The results will allow us to improve the quality and efficiency of our fellowship programs. The evaluations will focus in four strategic areas: surgical intervention, clinical seminars, scientific research and clinical experience.

For the future, one of our most important goals will be to provide fellows and AOSpine members with a true training experience within the essence of what the AO Foundation is – a community of physicians. In this sense, I intend to encourage multi-centered trainings that, if properly aligned, will improve the fellows' training and education experience while also improving the teaching capacities of each center of excellence based in our region.

Further initiatives will focus in conducting an active search of former fellows that obtained exceptional results during their fellowships. The objective is to try to reintegrate them to the AO Foundation and cooperate in educational programs and research activities.

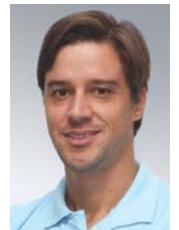
Finally, I would like to acknowledge Ratko Yurac, my predecessor, for his vision and amazing work during his mandate in obtaining the results mentioned above.

2017 will be a year with new and exciting challenges. I hope to count you with your help in this new AOSLA journey.

Best regards,

**Emiliano Vialle**

AOSpine Latin America Spine Centers and Fellowships Officer



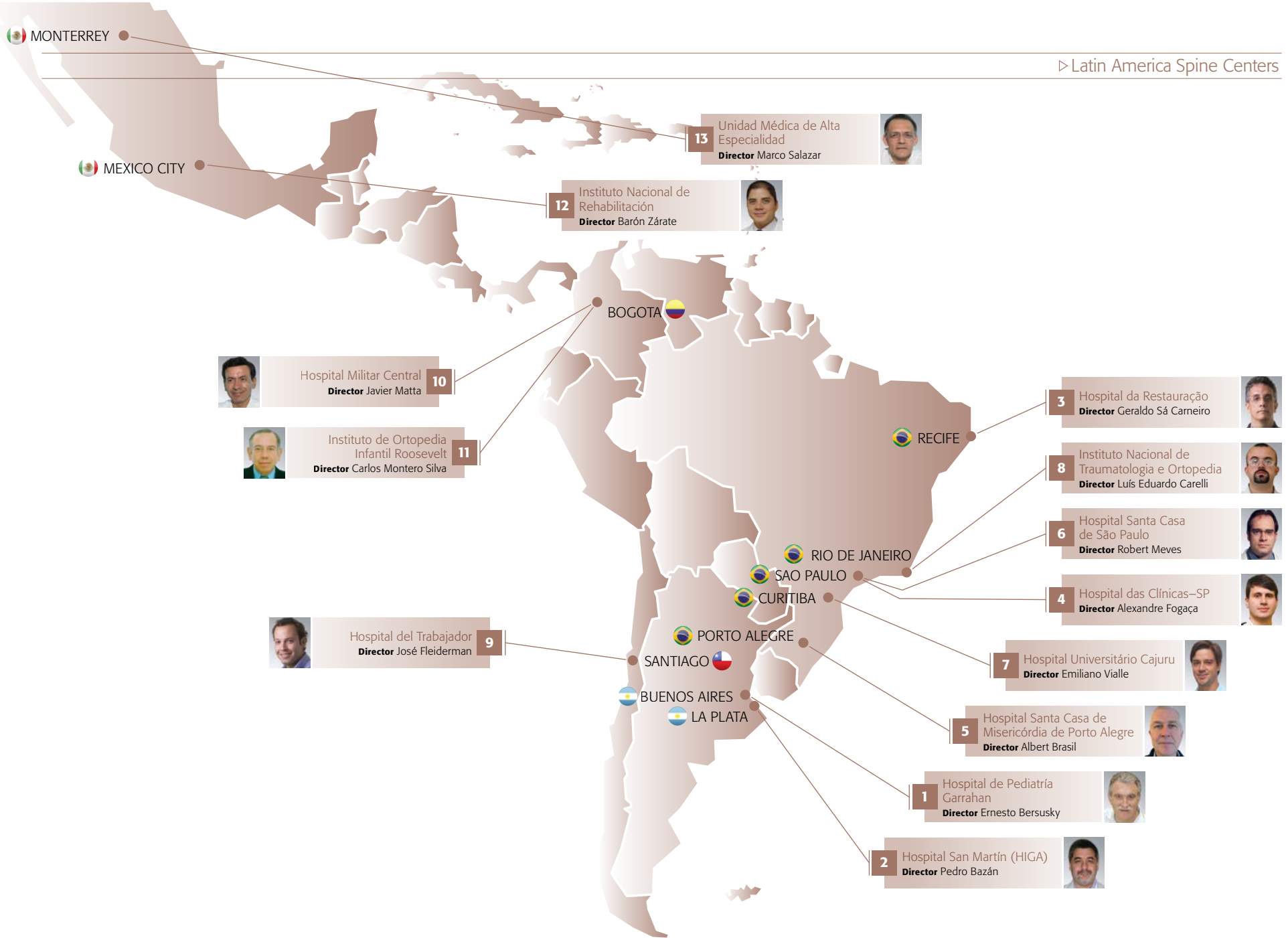
## ▶ Latin America Spine Centers

With the continuous increase of the number of spine centers in the region, AOSpine Latin America is willing to provide new alternatives to capacitate its members. In this regard, AOSpine is proud to announce the incorporation of a new AOSpine reference center: "Instituto Nacional de Rehabilitación de Ciudad de México", which is directed by Barón Zárate and the spine team formed by Alejandro Reyes Sánchez, Luis Miguel Rosales Olivarez, Armando Alpizar Aguirre.

Since 2016, AOSpine Latin America has a network of 13 reference centers, providing a wide range of training opportunities as presented in the table below.

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

▷ Latin America Spine Centers



▷ Governance














▷ Community Development

▷ Research

▷ Spine Centers & Fellowships

▷ Education

## ▶ Spine Centers Expertise

Spine Center	Specialty	Spine Team	N. of Fellows 2006–2016	Spine Center	Specialty	Spine Team	N. of Fellows 2006–2016
 <b>Hospital San Martín (HIGA)</b> La Plata, Argentina	Trauma/Degenerative Tumor/Metabolic Spine of Elderly	Pedro Bazán Alvaro Enrique Borri Martin Medina	07	 <b>Hospital das Clínicas-SP</b> São Paulo, Brazil	Trauma Degenerative Tumor	Alexandre Fogaça Tarcisio Barros Filho Raphael Marcon Reginaldo Oliveira Eduardo Von Uhlendorff Roberto Basile Junior Fernando Pedrosa	11
 <b>Hospital de Pediatría Garrahan</b> Buenos Aires, Argentina	Trauma Degenerative Tumor	Ernesto Bersusky Eduardo Galaretto Carlos A. Tello Alejandra Francheri Wilson Mariano Noël	20	 <b>Hospital Universitário Cajuru</b> Curitiba, Brazil	All	Emiliano Vialle Ubirajara Bley Filho Luiz Gustavo Rocha Julio Marcon Ricardo Guimarães	60
 <b>Hospital da Restauração</b> Recife, Brazil	Trauma Degenerative	Geraldo Sá Carneiro Juliano Chaves Julio Lustosa Cláudio Falcão Saul Quinino	02	 <b>Hospital del Trabajador</b> Santiago, Chile	Trauma Degenerative	José Fleiderman Vicente Ballesteros Francisco Ilabaca Miguel Lecaros Alejandro Urzua Juan Zamorano	08
 <b>Hospital Santa Casa de Misericórdia</b> Porto Alegre, Brazil	Trauma Degenerative	Albert Brasil Sergio Zylberstein Nilson Rodrigues Cesar Dall Bello Yorito Kisaki Aldemar Rios	00	 <b>Instituto de Ortopedia Infantil Roosevelt</b> Bogota, Colombia	Deformity	Carlos Montero Silva David Meneses Quintero Fernando Alvarado Wilmer Godoy	05
 <b>Instituto Nacional de Traumatologia e Ortopedia</b> Rio de Janeiro, Brazil	Degenerative Deformity	Luis Eduardo Carelli Luiz Cláudio Schettino Alderico de Barros Gustavo Azevedo Antônio Pedrosa Junior Renato Tavares Luis Antônio Moliterno Renato João Teixeira Guilherme Rezende Alexandre Peixoto de Melo América Almeida Limoeiro Ricardo Meirelles	02	 <b>Hospital Militar Central</b> Bogota, Colombia	Trauma Degenerative	Javier Matta Fernando Torres Romero Victor Arrieta Maria	05
 <b>Hospital Santa Casa de São Paulo</b> São Paulo, Brazil	Trauma Degenerative Deformity Tumor	Robert Meves Maria Fernanda Caffaro Luciano Pellegrino Ricardo Umeta Osmar Avanzi	02	 <b>Instituto Nacional de Rehabilitación</b> Mexico City, Mexico	Degenerative Deformity	Barón Zárate Kalfópulos Alejandro Reyes Sánchez Luis Miguel Rosales Olivarez Armando Alpizar Aguirre	00
				 <b>Unidad Médica de Alta Especialidad</b> Monterey, Mexico	Degenerative	Marco Salazar Rodolfo Martínez Otoniel Villareal Octavio Ramírez Enrique Medellín Juan Sandoval Gerardo Romo	03

## ▶ Spine Centers Performance Report

The Spine Centers Performance Report is an initiative developed by the Fellowship and Spine Centers Commission in partnership with the Regional Board. The objective of the initiative is to monitor the performance of our “fellows” according to the programs of each reference center in the region while gathering information to assess the renewal of the certification of the centers.

The first phase of the project is the automation of the online forms (log-book form and spine center application form) in order to consequently request to each of the centers of reference to update their own information. While the Spine Center application form is filled with the number of activities undertaken at the Spine Center, the log-book form is filled by the fellows who inform the total number of activities they have participated. With those results, it is possible to generate the first Spine Centers performance report.

The assessment will focus on the four following areas:

- **Surgical intervention**
- **Clinical Seminars**
- **Scientific Research**
- **Clinical experience**



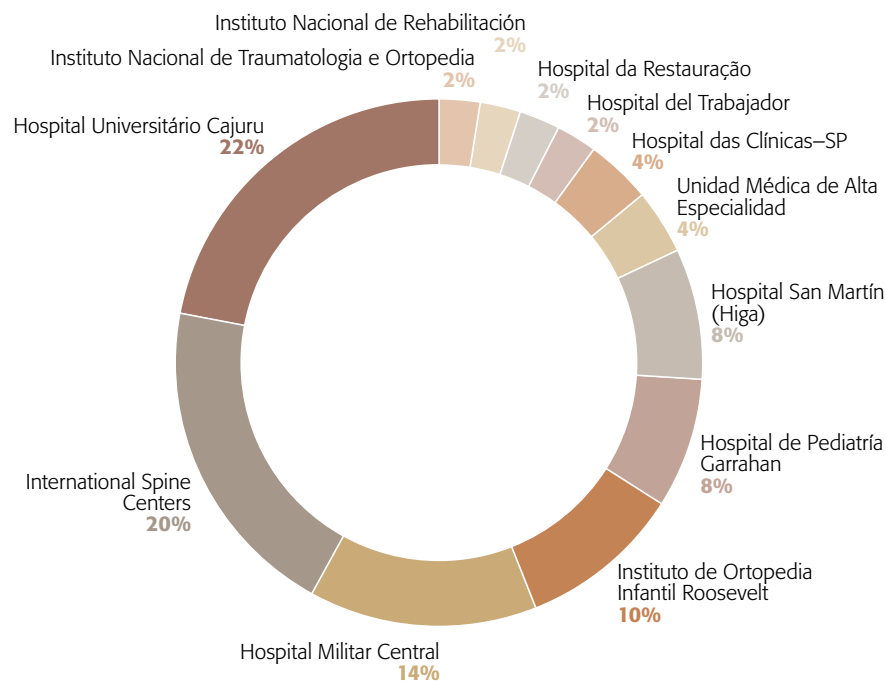


## ▷ Fellowship and Observership Programs

In 2016, AOSpine Latin America received 49 applications to participate in our 2017 fellowship and observership programs. Our activities are designed to capacitate surgeons in a wide range of pathologies in order to foster the dissemination of knowledge on spine issues.

Distribution of applications according Spine Center–2017 program

Spine Center	Applications	%
Hospital Universitário Cajuru	11	22%
International Spine Centers	10	20%
Hospital Militar Central	7	14%
Instituto de Ortopedia Infantil Roosevelt	5	10%
Hospital de Pediatría Garrahan	4	8%
Hospital San Martín (HIGA)	4	8%
Unidad Médica de Alta Especialidad	2	4%
Hospital das Clínicas–SP	2	4%
Hospital del Trabajador	1	2%
Hospital da Restauração	1	2%
Instituto Nacional de Rehabilitación	1	2%
Instituto Nacional de Traumatología e Ortopedia	1	2%
<b>TOTAL</b>	<b>49</b>	

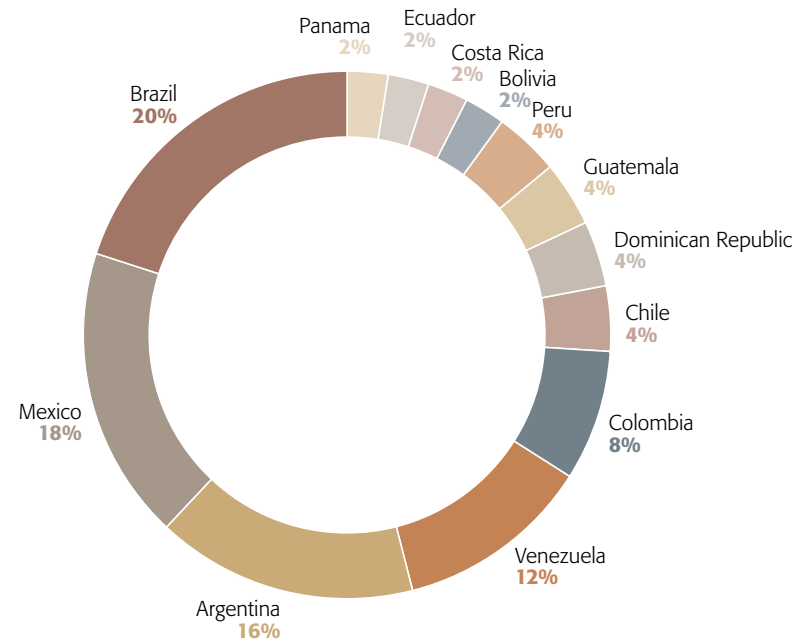


For further information about past fellowships go to the appendix section of this report.

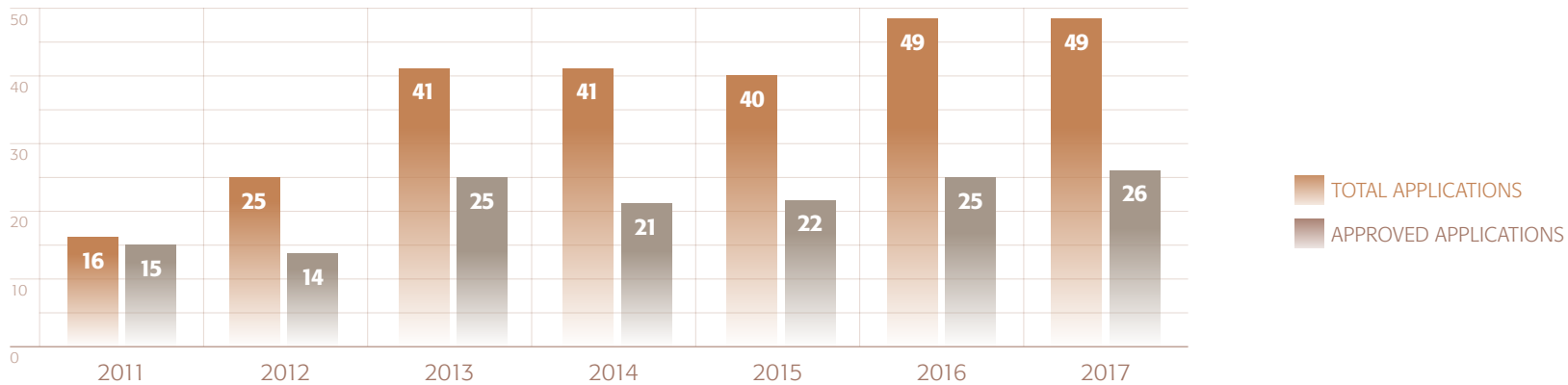
▷ Fellowship and Observership Programs

Distribution of applications according to country of origin—2017 program



























Country	Applications	%
Brazil	10	20%
Mexico	9	18%
Argentina	8	16%
Venezuela	6	12%
Colombia	4	8%
Chile	2	4%
Dominican Republic	2	4%
Guatemala	2	4%
Peru	2	4%
Bolivia	1	2%
Costa Rica	1	2%
Ecuador	1	2%
Panama	1	2%
<b>TOTAL</b>	<b>49</b>	






























Total applications 2011–2017



## ▶ Fellowship Program 2016

Program	Name	Spine Center	City, Country	From	To
Long-Term	 Juan Ignacio Cirillo	Hospital del Trabajador	Santiago, Chile	01/03/2016	26/08/2016
	 Juan Manuel del Toro Aguayo	Hospital Militar Central Insituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	01/07/2016 21/11/2016	20/11/2016 20/12/2016
	 Arizt Iraida De Leon Robles	Hospital Militar Central Insituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	04/04/2016 04/07/2016	30/06/2016 16/12/2016
	 Maximiliano Giménez	Hospital Santa Casa	São Paulo, Brazil	01/02/2016	29/07/2016
	 Mauro Antonio Fernandes Junior	Hospital Universitário Cajuru	Curitiba, Brazil	02/02/2016	29/12/2017
	 Nicolás García Roldán	Hospital Universitário Cajuru	Curitiba, Brazil	06/06/2016	26/05/2017
	 Gamaliel Gonzalez Atencio	Instituto Nacional de Traumatología e Ortopedia	Rio de Janeiro, Brazil	04/07/2016	30/12/2016
 Germán Alejandro Andjel	Instituto Nacional de Traumatologia e Ortopedia	Rio de Janeiro, Brazil	04/01/2016	29/07/2016	
Short-Term	 Enrique Alcides Casco	HIGA San Martín de La Plata	La Plata, Argentina	02/05/2016	29/07/2016
	 Marcelo Altino de Oliveira	Hospital das Clínicas	São Paulo, Brazil	04/04/2016	29/04/2016
	 Ronald Alberto Rioja Rosas	Hospital das Clínicas	São Paulo, Brazil	02/05/2016	29/07/2016
	 Walter Ramon Alcivar Choez	Hospital das Clínicas	São Paulo, Brazil	04/07/2016	29/07/2016
	 William López Tello	Hospital del Trabajador	Santiago, Chile	04/01/2016	31/03/2016
	 Max Daniel Méndez Salazar	Insituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	04/04/2016	30/06/2016
	 Carlos Manuel Huaiquilaf Salazar	Hospital de Pediatría Garrahan	Buenos Aires, Argentina	01/03/2016	29/04/2016
	 Anderson José Silva Florez	Hospital Militar Central	Bogota, Colombia	11/01/2016	31/03/2016
	 Juan José Jara Verón	Hospital Universitário Cajuru	Curitiba, Brazil	01/06/2016	31/08/2016
	 Oscar Enrique González Guerra	Hospital Universitário Cajuru	Curitiba, Brazil	01/03/2016	27/05/2016
	 Jorge Saisi Brugues	International: Guy's Hospital	London, UK	01/02/2016	29/04/2016
	 Celeste Tavolaro Trombetta	International: Harborview Medical Center	Seattle, USA	01/03/2016	31/05/2016
	 Federico Daniel Sartor	International: Instituto Ortopedico Rizzoli	Bologna, Italy	05/09/2016	30/11/2016
 Hugo Reynoso	International: Sint Maartenskliniek	Nijmegen, Netherlands	02/05/2016	29/07/2016	
Observer ship	 Alfredo Godoy Adaro	HIGA San Martín de La Plata	La Plata, Argentina	18/07/2016	29/07/2016
	 Pablo Javier Quintana	Hospital das Clínicas	São Paulo, Brazil	08/08/2016	17/08/2016
	 Vitor Viana Bonan Aguiar	Hospital Universitário Cajuru	Curitiba, Brazil	21/11/2016	02/12/2016
	 Eddy Caridad	Insituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	07/11/2016	19/11/2016

## ▶ Fellowship Program 2017

Program	Name	Spine Center	City, Country	From	To
Long-Term	 Aldo Daniel Vilchez Villalobos	Hospital San Martín de La Plata	La Plata, Argentina	03/07/17	29/12/17
	 Luis Enrique Nuñez Alvarado	Hospital San Martín de La Plata	La Plata, Argentina	03/07/17	27/12/17
	 Nicolás García	Hospital Universitário Cajuru	Curitiba, Brazil	06/06/16	26/05/17
	 Fabián Catarino López Hinojosa	Hospital Universitário Cajuru	Curitiba, Brazil	03/07/17	29/06/18
	 Mauro Antonio Fernandes Junior	Hospital Universitário Cajuru	Curitiba, Brazil	02/02/16	29/12/17
	 Felipe de Negreiros Nanni	Hospital Universitário Cajuru	Curitiba, Brazil	01/02/17	27/12/18
	 Felix Rafael Pino Arevalo	Instituto de Ortopedia Infantil Roosevelt	Bogota, Colombia	01/08/17	31/01/18
	 José Avellaneda	Instituto Nacional Traumatologia e Ortopedia	Rio de Janeiro, Brazil	03/04/17	30/03/18
	 Ruy Camilo Gil Rohrmoser	Irmandade Santa Casa de Porto Alegre	Porto Alegre, Brazil	03/04/17	29/09/17
	 Enrique Emmanuel Govea Davila	Unidad Medica de Alta Especialidad	Monterrey, Mexico	02/10/17	28/09/18
Short-Term	 Mario Condal Moore	Hospital das Clínicas - SP	São Paulo, Brazil	02/10/17	29/12/17
	 Paulo Roberto Cabrera Ortiz	Hospital Garrahan	Buenos Aires, Argentina	01/08/17	31/08/17
	 Nestor Ricardo Davies	Hospital Garrahan	Buenos Aires, Argentina	01/03/17	31/05/17
	 Mauricio Agon Rendon	Hospital Militar Central	Bogota, Colombia	03/04/17	30/06/17
	 Orlando Villareal Barrera	Hospital Militar Central	Bogota, Colombia	03/07/17	29/09/17
	 Andres Enrique Cobar Bustamante	Hospital Militar Central	Bogota, Colombia	02/10/17	29/12/17
	 Mario Roberto Bran Garcia	Hospital San Martín de La Plata	La Plata, Argentina	01/11/17	30/11/17
	 Alfredo José Guiroy	Hospital Universitário Cajuru	Curitiba, Brazil	05/09/17	30/09/17
	 Diego Fernando León López	Hospital Universitário Cajuru	Curitiba, Brazil	06/03/17	31/05/17
	 Adrián Zárate Azócar	Instituto Nacional de Rehabilitación	Mexico City, Mexico	01/05/17	30/06/17
	 Emanuel Alejandro Zaragoza	International: Harborview Medical Center	Seattle, USA	01/03/17	31/05/17
	 Vinicius Orso	International: I.R.C.C.S Istituto Ortopedico Galeazzi	Milan, Italy	01/11/17	29/12/17
	 Alexandre Philippe Boss Jaccard	International: Inselspital, Bern University Hospital	Bern, Switzerland	01/08/17	31/08/17
	 Maria Itati Romero	International: Inselspital, Bern University Hospital	Bern, Switzerland	02/10/17	29/12/17
	 José Stênio de Almeida Holanda Filho	International: Klinikum rechts der Isar, Technische Universität	Munich, Germany	05/06/17	28/07/17
	 Luis Alberto Gameros Castañeda	International: Sint Maartenskliniek	Nijmegen, Netherlands	21/08/17	30/09/17
 Diego Arthur Fernandes Vendrusculo	International: Spine Education and Research Institute	Denver, USA	01/11/17	29/12/17	



# ▶ Education



## ▶ Education

### Officer's Word

Dear Friends,

2016 has come to an end and we have again achieved another year of innovation and growth. We continue as the leading regional entity in teaching and doing research on spinal pathologies. This result was possible thanks to the collaboration and participation of all of you.

The continuing education program is a consolidated project that this year is in a new version. The new structure aims to improve the student-teacher interaction and guide him during 3 years through a path of progressive learning. We were astonished to know that all the vacancies were sold in less than one day, which demonstrates the quality of our activities. This programs counts with the leadership of Néstor Fiore, and the participation of renowned faculty of our region as tutors of the activities. As in previous editions, this program has a University accreditation, granted by the Universidad Nacional de La Plata in Argentina and the Comissão Nacional de Acreditação da Associação Médica Brasileira.

This is one of the many online education activities offered to our members, in order to answer their needs to access quality education from their workplaces or homes.

At AOSLA, we work for an inclusive and transparent scheme of faculty recruitment with a clear process of professional development within our organization. These principles are in the final stages of development, both at regional and international levels. As part of this project, we are updating the tools we use to assess our activities in order to improve our quality and maximize the use information we receive from our participants. Following this trend, we implemented Faculty (FEP) and Chairs (CEP) trainings according to the AO Foundation standards.

For the first time we had a regional EA meeting to discuss long-term policies to improve our activities. Our face-to-face activities were designed to meet the different educational needs of our Latin-American members.

It is important to note that this year the Regional Course was held in Bogota. The event brought together over 200 participants and a renowned group of faculty. This event will be hold every year in a different city of our region. Mexico City is scheduled as host city in 2017.

It is a please to especially acknowledge the staff working at the Curitiba office, people of high commitment and incredible ability, who do a magnificent job in providing their invaluable help. They are the operational arm of many of our most successful projects.

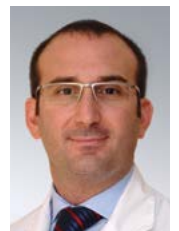
Furthermore, I want to thank Robert Meves, who served as education officer during the last years and with whom it was a real pleasure to work with. At the same time I would like to welcome Nestor Taboada who will be the next education member from July 2017. I am sure he will perform a magnificent task.

Finally I want to wish you a great 2017 where we could share many projects together.

Best regards,

**Juan Emmerich**

AOSpine Latin America Education Officer



## ▷ Continuing Education Program

### Academic Course on Spine

The Continuing Education Program is focused on doctors' continued education. It started in 2012 and up to 2016 has achieved the following results:

#### Continuing Education Program PARTICIPANTS' PROGRESS

from 2012 to 2016

708

PARTICIPANTS  
REGISTERED  
SINCE 2012

381

PARTICIPANTS  
CURRENTLY  
ENROLLED

196

PARTICIPANTS  
FINISHED **LEVEL 1**  
ONLINE ACTIVITIES

97

PARTICIPANTS  
FINISHED **LEVEL 2**  
ONLINE ACTIVITIES

49

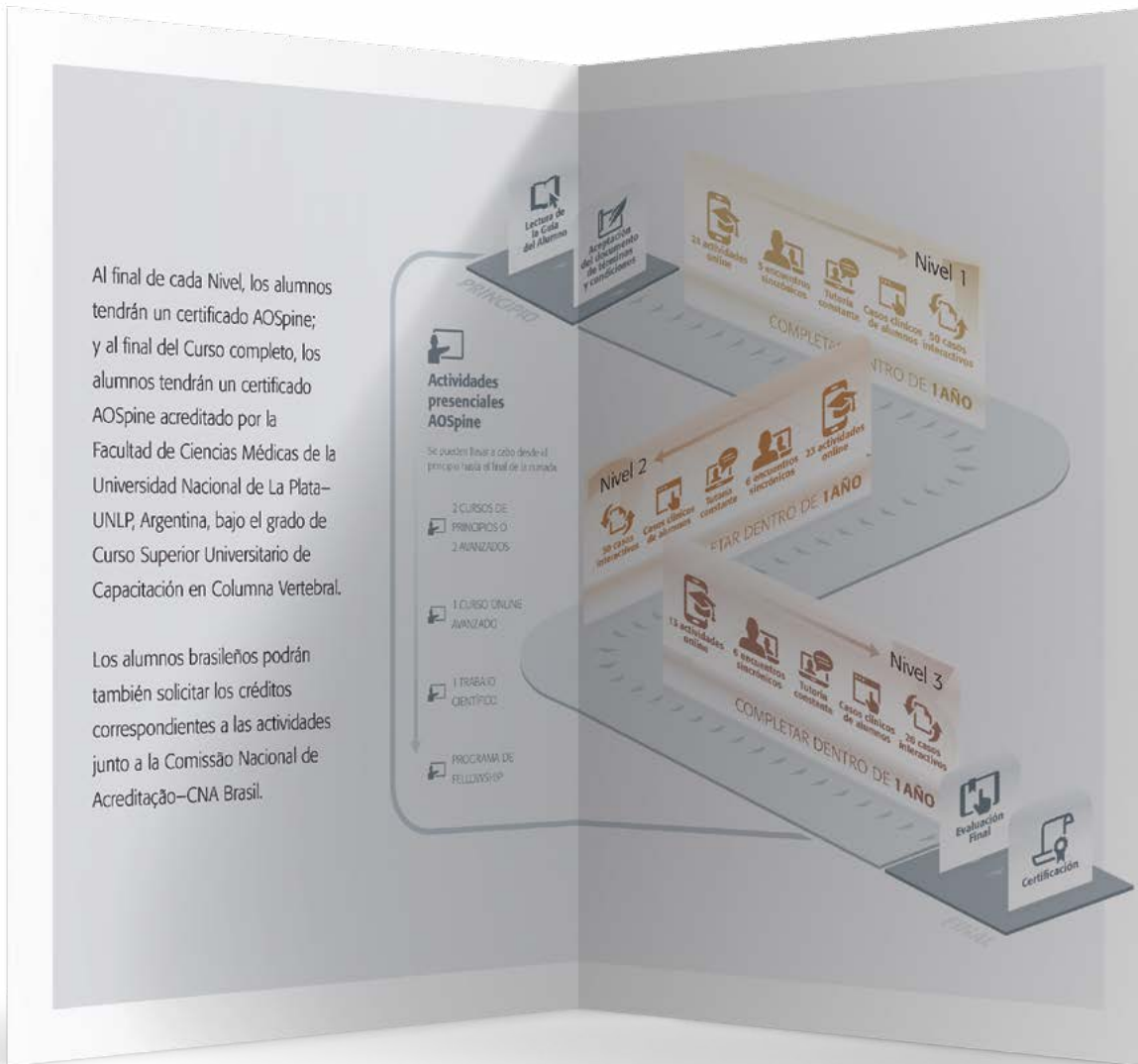
PARTICIPANTS  
FINISHED **LEVEL 3**  
ONLINE ACTIVITIES

The current program continues to run normally with participants that are already enrolled. And, due to the success of this program, improvements were designed to make it even better.

For 2017, it was created the new Academic Course on Spine as part of the Continuing Education Program. The most important changes are the tutoring system, interactive cases and complementary material. In addition, new topics and subtopics and the possibility to participate into synchronic and asynchronous activities have been added to the program.



▶ Continuing Education Program



The new format has now a limit of 42 vacancies and the cost for the complete course is USD 990 – this amount includes the three years program.

The participation to the program will allow attendants to receive an AOSpine certificate after each level is completed. After finishing the whole course, participants will receive an AOSpine certificate accredited by the Faculty of Medical Sciences of the Universidad de La Plata, Argentina. A further benefit is given to Brazilian participants who will also be able to request credits to the “Comissão Nacional de Acreditação-CNA”.

**NEW LIBRARY!**

All members will be able to access and consult the course material at no cost.

## ▷ Faculty Development

The Faculty Development Project was first implemented in both regional and international levels in 2016. The objective is to select and nurture the best faculty in order to appropriately collaborate with them with transparency and metrics, whilst respecting the principles of inclusivity and meritocracy.

### Vision

- To be the best educators in spine education

### Objectives

- Develop and execute global criteria for faculty selection and management.
- Construct universal metrics for faculty assessment based on participant and peer evaluations.
- Establish a robust reporting system for faculty evaluations and incorporate into annual Faculty Performance Review (FPR)
- Incorporate a value-based improvement framework into FPR and develop related KPIs

## Chairperson Training

The Chairperson Training held in February in Buenos Aires, Argentina, gathered 12 surgeons, to participate in a meeting aimed at dealing with topics such as the role of the Chairperson, Educational Advisor, Faculty and methodologies to transfer knowledge. The event required that participants attended lectures and put some exercises into practice.

### Chairperson Training Program (CTP) AOSpine Latin America

#### DATE

February 12–13, 2016

#### VENUE

Sofitel La Reserva Cardales – Buenos Aires, Argentina

#### CO-CHAIRPERSONS

Asdrubal Falavigna, Brazil  
Juan Emmerich, Argentina

#### BOARD MEMBER

Roberto Chapa, Mexico

#### PARTICIPANTS

Barón Zárate, Mexico  
David Servin Carmona, Mexico  
Enrique De Jongh, Cuba  
Fernando Alvarado Gómez, Colombia  
Freddy Flores Lebron, Dominican Republic  
Giovanni Ureña, Dominican Republic  
Julián España Peña, Colombia  
Luis Brenes Rojas, Costa Rica  
Luis Duchén Rodríguez, Bolivia  
Luiz Gustavo Dal Oglio da Rocha, Brazil  
Manuel Valencia, Chile  
Pablo Jalón, Argentina



## ▶ Faculty Development

## Faculty Training

In 2016, the Faculty Training activity was developed in May in Costa Rica. The event coordinated by Juan Emmerich and Fabiana Reboiras had 11 surgeons interested in learning more about how to contribute with AOSpine educational activities and to meet our standards.

### Faculty Education Program (FEP) AOSpine Latin America

## DATE

May 04–05, 2016

## VENUE

Real Intercontinental – San José, Costa Rica

## CHAIRPERSON

Juan Emmerich, Argentina

## EDUCATOR

Fabiana Reboiras, Argentina

## PARTICIPANTS

Carlos Arias Pesàntez, Ecuador  
Edgar Abel Márquez, Mexico  
Esteban Araya, Costa Rica  
Juan Manuel Sierra, Colombia  
Leonardo Gutiérrez, Mexico  
Mario Roberto Bran García, Guatemala  
Martha Hernandez-Galvez, Ecuador  
Nelson Morales, Colombia  
Piero A. Perrone Mora, Dominican Republic  
Rene Chirinos Zegarra, Peru  
Sergio Castillo, Mexico





## ▷ Faculty Development

## Educational Advisors meeting

**AOSpine Latin America  
EA Meeting**

## DATE

November 02, 2016

## VENUE

JW Marriot Hotel – Bogota, Colombia

## CO-CHAIRPERSONS

Asdrubal Falavigna, Brazil

Juan Emmerich, Argentina

## AOSPINE

Antonio Machado, Brazil

Carlos Montero, Brazil

Pipsa Ylaenkoe, Switzerland

## GUEST

Bryan Ashman, Australia

## PARTICIPANTS

Alexandre Sadao, Brazil

Andrés Rodríguez, Colombia

Emiliano Vialle, Brazil

Marcelo Valacco, Argentina

Mario Taricco, Brazil

Martín Tejeda, Mexico

Néstor Taboada, Colombia

Ricardo Ribeiro, Brazil

Roberto Chapa, Mexico

Roberto Postigo, Chile

Pablo Vela, Colombia

## TOPICS DISCUSSED

- EAs Task and responsibility (plan, evaluation and strategy);
- EAs roles in regional education strategy:
  - Workshop on how to improve the EA's performance before, during and after an educational activity;
- Faculty Development:
  - Faculty selection and management: New strategy "Team approach";
- Action points revision and implementation plan.



## ▶ Faculty Development

## Cadaver Courses alignment meeting

AOSpine Latin America has increased significantly the number of anatomical specimen courses in the last couple of years. In order to keep delivering a high-quality educational activity and improve its organization, we decided to hold an alignment meeting with a selected group of Faculty and Board members to discuss and define important guidelines.

### AOSpine Latin America Cadaver Courses Alignment Meeting

## DATE

December 17, 2016

## VENUE

DePuy Synthes Institute – Palm Beach, USA

## CO-CHAIRPERSONS

Asdrubal Falavigna, Brazil  
Juan Emmerich, Argentina

## AOSPINE

Antonio Machado, Brazil  
Luana Torres, Brazil

## DEPUY SYNTHES

Jaime Feeney, Argentina  
Tammy Glassie, USA

## PARTICIPANTS

Alexandre Sadao, Brazil  
Carlos Montero, Colombia  
Jaime Segura, Colombia  
Néstor Fiore, Argentina  
Roberto Chapa, Mexico  
William Teixeira, Brazil



## AGENDA

The agenda was divided into three sessions:

1. Logistics and course planning, where we defined important guidelines regarding program planning, workshops' techniques definition, request and selection of support material for practical exercises, personal support needs as well as laboratory logistics;
2. Blended learning, where pre- and post-course assessment were validated as well as scientific support materials for participants where approved;
3. Face-to-face Training, where we defined criteria for groups division (participants profile and quantity per work station); pre-course meeting guidelines, practical exercises rotation, demonstration validation as well as check-lists for general instrumentation.

## ▶ Partnerships


### Partnership with Instituto Tecnológico y de Estudios Superiores de Monterrey and Universidade de Caxias do Sul

This year AOSLA signed cooperation agreements with Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) and Universidade de Caxias do Sul (UCS) to support education on spine issues, by employing schools and scholars in the field of spine pathologies.

The agreements focus on the design of courses, conferences, trainings and research projects, while intensifying joint research projects on clinical, epidemiological and technological development at a postgraduate level.



In December, AOSpine Latin America has started to receive applications to participate in the selection process for the Master's Degree Program in Health Sciences offered in partnership with the University of Caxias do Sul, Brazil.



In order to participate in the process of applying for a Scholarship the candidate had to be a member of AOSpine for at least two consecutive years at the time of registration, and had to hold a diploma as Medical Doctor and as specialist in neurosurgery or orthopedics, and also to be available to carry out the activities involved in the research project.



Photo: Claudia Velho



## ▶ AOSpine Latin America Virtual Courses

### AOSLA Advanced Online Courses

This year, the AOSLA Advanced Online Course was composed of six advanced modules on several pathologies approached by the AOSpine Curriculum. The 9th edition of the Course – one of the most successful AOSLA events – is coordinated by doctors Néstor Fiore and Asdrubal Falavigna.

About 1000 participants attended the course which is available to our public via individual internet access or in auditoriums.

Course title	Date	Chairperson / Moderator	Faculty	Participants
AOSpine Advanced Online Course Module I	March 12, 2016	 Néstor Fiore  Asdrubal Falavigna	 Carlos Montero  Claudio Fernandez  Ernesto Bersusky	222
AOSpine Advanced Online Course Module II	April 23, 2016	 Pedro Bazán	 Luiz Gustavo Dal Oglio Rocha  Jeronimo Milano  Mario Herrera	197
AOSpine Advanced Online Course Module III	June 4, 2016	 Marcelo Gruenberg	 Emiliano Vialle  Jose Estrada  Alfredo Vázquez	156
AOSpine Advanced Online Course Module IV	August 13, 2016	 Pablo Vela	 Eduardo Von Uhlendorff  Marcelo Valacco  Nelson Morales	167
AOSpine Advanced Online Course Module V	September 10, 2016	 Robert Meves	 Alejandro Betemps  Andrés Rodríguez  Juan Marcelo Sea Aramayo	121
AOSpine Advanced Online Course Module VI	November 19, 2016	 Roberto Postigo	 Osvaldo Romano  Jaime Segura  William Teixeira	136

### AOSLA Webinars

In 2016, AOSpine launched a new online activity: web-based seminars (webinars) to discuss different topics in real time.

#### Webinar AOSpine Latin America Análisis crítico de la literatura médica

##### DATE

October 18, 2016

##### COORDINATOR

Néstor Fiore, Argentina

##### MODERATOR

Asdrubal Falavigna, Brazil

##### FACULTY

José María Jiménez, Mexico

##### PARTICIPANTS

21

#### Webinar AOSpine Latin America Fracturas de columna toracolumbar

##### DATE

November 22, 2016

##### COORDINATOR

Néstor Fiore, Argentina

##### MODERATOR

Marcel Valacco, Argentina

##### FACULTY

Luiz Vialle, Brazil

##### PARTICIPANTS

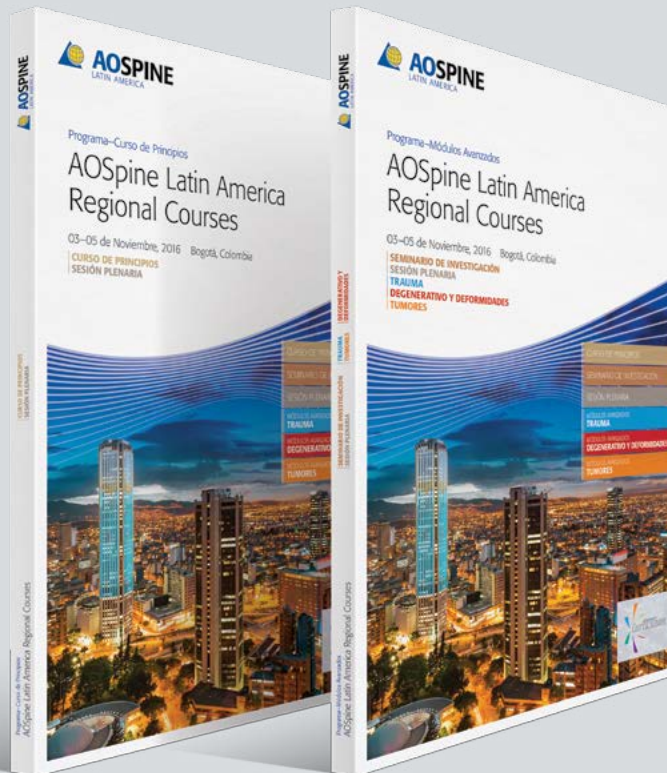
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## ▷ AOSpine Regional Courses 2016–Bogotá

### Event overview

From November 3<sup>rd</sup> to 5<sup>th</sup> AOSpine Latin America launched its first Regional Courses in Bogotá, Colombia. The event that counted with more than 200 Latin American spine surgeons was an exceptional opportunity for the participants to meet and exchange ideas with colleagues from other countries.

At AOSLA we are very proud to see that our efforts brought together spine surgeons from 13 countries of our region and international lecturers from 9 countries, including Europe and North-America.

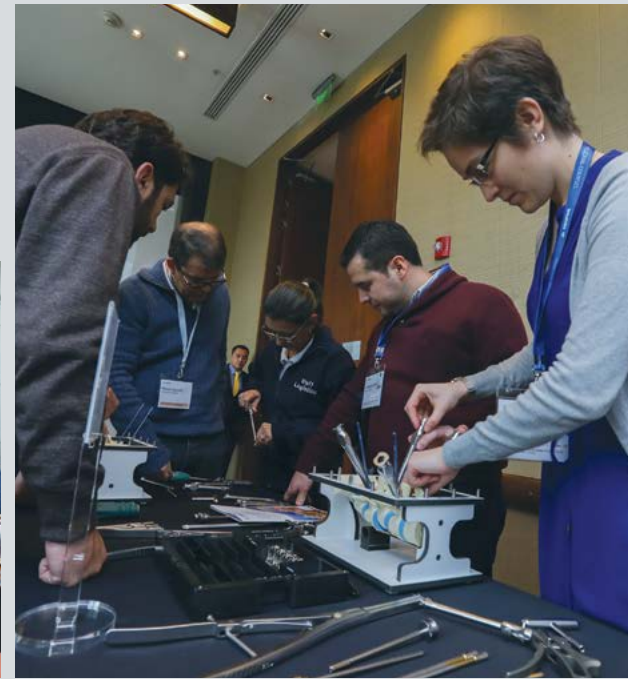




## ▶ AOSpine Regional Courses 2016–Bogota

During 3 days, our participants were able to attend different educational activities such as a course on principles, a seminar on research, and advanced modules on Trauma, Tumors, and Degenerative & Deformities.

The innovative format provided the ground for them to participate in modules from different pathologies and to create their own programs according to their preferences. Such freedom was very well received as well as the quality of our courses.



▶ AOSpine Regional Courses 2016–Bogota



## Mission accomplished

Launching the AOSpine Regional Courses in Bogota was a great challenge for us that required good planning and determination from many of our members, staff, sponsors and participants.

We know that this is only the beginning of a great experience that will be replicated over the years with new updated topics and issues that will be discussed during the different occasions.

## Sponsors

The event was sponsored by key companies in the sector, such as DPSSynthes, Siemens, Zeiss and it was supported by the Sociedad Colombiana de Cirugía Ortopédica y Traumatología (SCCOT) and the Asociación Colombiana de Neurocirugía.

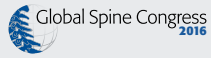




## ▶ AOSpine Regional Courses 2017–Mexico City

From June 22 to 24, 2017, the second edition of the AOSpine Regional Courses will move to North America in Mexico City, Mexico. For this occasion, AOSLA prepared a new dynamic event with a course on principles, a seminar on research and two advanced modules: on Trauma and Degenerative & Deformities.





# ▷ Global Spine Congress

## Dubai 2016

The Global Spine Congress (GSC) continued its success story. For the first time the AOSpine flagship was held in the Middle East and took place from April 13–16, 2016 in Dubai under the patronage of Sheikh Hamdan Bin Rashid Al Maktoum, Deputy Ruler of Dubai, Minister of Finance and President of the Dubai Health Authority. Also for the first time in 2016, the Global Spine Congress took place alongside the World Forum for Spine Research (WFSR).

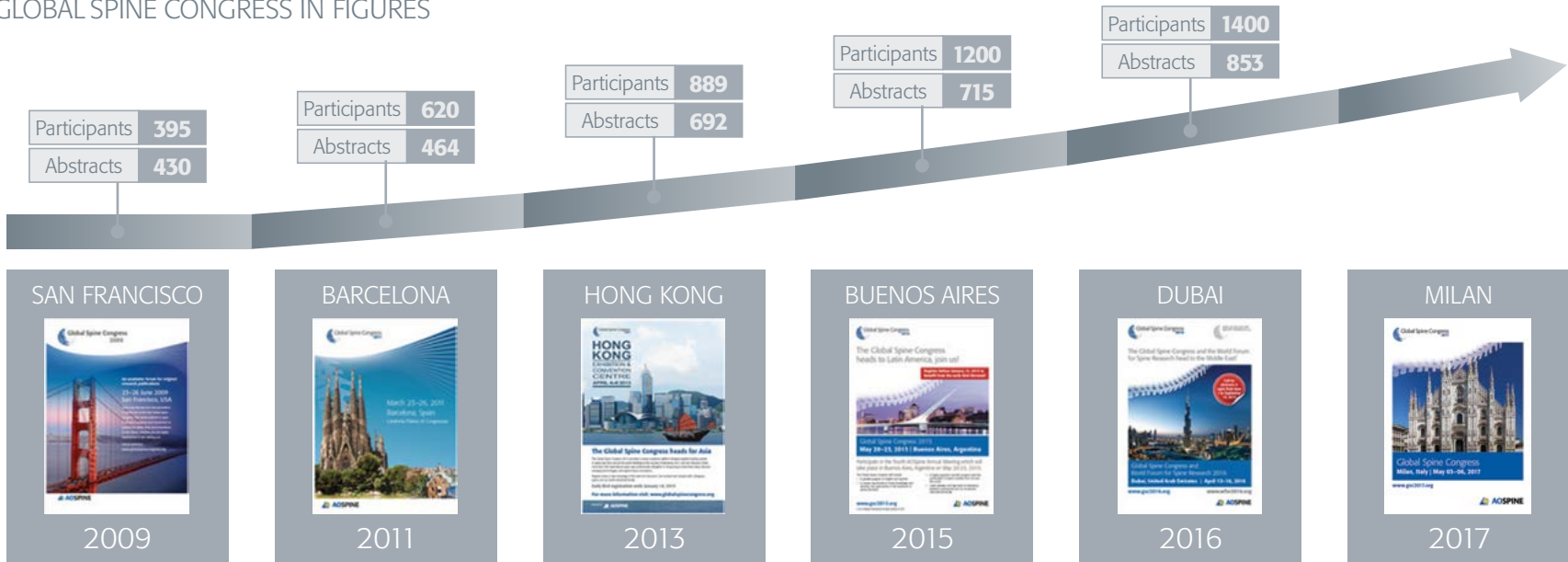
For about 1400 spine specialists around the globe, the GSC and WFSR provided an outstanding forum to exchange ideas, network with fellow spine professionals, learn about the latest research, techniques, and technologies in spine surgery.

The Scientific Program of the Global Spine Congress included 2 Pre-Courses, 9 AOSpine Symposia, 7 Society Symposia, 55 paper sessions and 8 AOSpine

Members-only sessions. In addition, pre-reviewed abstracts were presented as oral or E-poster presentations. The WFSR staged 1 symposia, 5 paper sessions and 2 poster sessions.

The 95 Symposia Speakers and almost 300 abstract presenters came from 74 countries around the world, which made the GSC once again a truly international event.

### GLOBAL SPINE CONGRESS IN FIGURES





## ▶ Global Spine Congress 2016–Dubai



*The Global Spine Congress is not only the most important academic annual meeting of the nearly 30'000 AOSpine members and associates internationally; it is also one of the biggest gatherings for thousands of spine surgeons from all over the world. The Global Spine Congress is unique in its approach to sharing knowledge and developing new approaches to the treatment of spinal disorders in order to help advance spine care between spine surgeons from all around the world. Renowned international key opinion leaders lecture at this outstanding platform. It is a great opportunity for spine surgeons from all over the world to exchange ideas, learn about latest technologies and techniques in spine surgery, as well as new approaches to spine treatment and intervertebral disc biologics for all spinal pathologies.*

**Jeff Wang**

AOSpine International Board Past Chairperson





## ▶ Global Spine Congress 2017–Milan

For 2017, the Global Spine Congress will head back to Europe. AOSpine's annual event will take place in Milan from May 3–6, 2017 at the Milan Congress Center.

For the 6<sup>th</sup> edition of the GSC, a record number of total 1048 abstracts for 25 available topics were submitted. The top 5 countries for abstract submission were USA, Korea, India, Italy and Germany, highlighting again the diversity of the Global Spine Congress. High quality abstracts will gain entry into the events outstanding

scientific program, providing the submitter an ideal chance to present his/her research to hundreds of spine specialists in Milan. Additionally, all accepted abstracts will be published in the Global Spine Journal.

The Scientific Program of the Global Spine Congress will include pre-Courses, AOSpine Symposia, Society Symposia, paper sessions and AOSpine Members-only sessions.

## ▷ Anatomical Specimen Courses

The Anatomical Specimen Courses are one of the highlights of AOSpine Latin America programs. This year, AOSLA was in charge of managing five of these programs. All of them took place in Florida, USA.



The level of the courses ranged from Advanced to Masters. The topics discussed during the activities covered several pathologies such as tumors, vertebral deformities, minimally invasive surgical procedures and cervical spine.



## ▶ Educational Activities 2016

<b>Educational Activities 2016 statistics</b> .....	62	AOSpine Principles Seminar Hospital INTO–Spinal Trauma .....	71
<b>Argentina</b>		Rio de Janeiro, Brazil – October 15, 2016	
AOSpine Advanced Symposium–Trauma .....	64	AOSpine Principles Seminar for Residents–Hospital Evangélico de Londrina .....	71
Buenos Aires, Argentina – March 10–11, 2016		Londrina, Brazil – December 10, 2016	
AOSpine Principles Seminar–Spine Degenerative Pathology .....	64	<b>Chile</b>	
Neuquén, Argentina – June 24, 2016		AOSpine Advanced Symposium–Tumors .....	72
AOSpine Advanced Symposium Trans-Congress SAPCV–Deformities in .....	65	Santiago, Chile – March 31–April 01, 2016	
Adolescents and Adults		AOSpine Principles Seminar–Trauma lumbosacral .....	72
Rosario, Argentina – August 31, 2016		Santiago, Chile – June 23, 2016	
AOSpine Advanced Seminar Trans-Congress Neuropinamar–Trauma .....	65	AOSpine Advanced Seminar–Infections and Inflammatory .....	73
Pinamar, Argentina – December 02–03, 2016		Santiago, Chile – October 20, 2016	
<b>Bolivia</b>		<b>Colombia</b>	
AOSpine Principles Seminar–Spine Surgery for Residents and Young Surgeons .....	66	AOSpine Advanced Seminar Trans-congress SCCOT–Alignment sagittal .....	74
La Paz, Bolivia – May 13–14, 2016		and coronal problems of the lumbar spine	
AOSpine Advanced Symposium–Decisions on spine complex fractures .....	66	Cartagena, Colombia – February 12, 2016	
Santa Cruz de La Sierra, Bolivia – August 18–19, 2016		AOSpine Advanced Seminar–Spinal Trauma and Deformities .....	74
<b>Brazil</b>		Medellin, Colombia – April 22–23, 2016	
AOSpine Principles Seminar–Residents .....	67	AOSpine Latin America Regional Courses .....	75
São Paulo, Brazil – February 19–20, 2016		Bogota, Colombia – November 03–05, 2016	
AOSpine Advanced Level Live Tissue Training–Updates on interbody fusion .....	67	<b>Costa Rica</b>	
Curitiba, Brazil – April 01–02, 2016		AOSpine Central American Advanced Symposium–Cervical Spine .....	76
AOSpine Principles Seminar for Residents Hospital Cajuru–Cervical Spine Trauma .....	68	San José, Costa Rica – May 06–07, 2016	
Curitiba, Brazil – May 07, 2016		AOSpine Advanced Seminar Trans-Congress on Musculoskeletal Oncology– .....	76
AOSpine Principles Course .....	68	Spine Tumors	
São Paulo, Brazil – June 09–11, 2016		San Jose, Costa Rica – May 20, 2016	
AOSpine Principles Seminar–Theory-practice on spine surgery .....	69	<b>Cuba</b>	
Blumenau, Brazil – June 10, 2016		AOSpine Principles Seminar–Deformities in children and adults .....	77
AOne Research Course 2016 .....	69	Habana, Cuba – March 18, 2016	
São Paulo, Brazil – June 17-18 2016		AOSpine Principles Seminar–Degenerative Spine .....	77
AOSpine Advanced Symposium–Complications .....	70	Habana, Cuba – September 10, 2016	
São Paulo, Brazil – August 05–06, 2016			
AOSpine Advanced Symposium Pre-Congress XXXI CBN .....	70		
Brasília, Brazil – September 06, 2016			




▶ Educational Activities 2016

 **Dominican Republic**

AOSpine Advanced Seminar Trans-Congress Spine Society of the Dominican Republic–Trauma Punta Cana, Dominican Republic – June 03, 2016	78
AOSpine Advanced Seminar–Spine Deformities Santo Domingo, Dominican Republic – September 17, 2016	78

 **Ecuador**

AOSpine Advanced Seminar Trans-Congress SEOT–Spine Tumors Guayaquil, Ecuador – August 26, 2016	79
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 **Guatemala**

AOSpine Advanced Seminar Meet the expert–Degenerative Spine Guatemala, Guatemala – January 13, 2016	80
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 **Jamaica**

AOSpine Advanced Seminar Trans Congress CANS–Trauma Montego Bay, Jamaica – January 30, 2016	81
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 **Mexico**

AOSpine and Universidad Autónoma de Nuevo León Principles Seminar–Principles on Spine Surgery Monterrey, México – February 25, 2016	82
AOSpine Principles Seminar–Research Guadalajara, Mexico – May 26, 2016	82
AOSpine Principles Course Guadalajara, Mexico – May, 27–28, 2016	83
AOSpine Principles Course Mexico City, Mexico – June 03–04, 2016	83
AOSpine Advanced Symposium–Spine Tumors Mexico City, Mexico – June 03–04, 2016	84
AOSpine Advanced Symposium Trans-Congress AMCICO–Degenerative Spine Querétaro, Mexico – September 15, 2016	84
AOSpine Advanced Seminar Trans-Congress FEMECOT–Elder Spine Tijuana, Mexico – October 26, 2016	85

 **Panama**

AOSpine Advanced Seminar–Deformities Panama, Panama – November 18–19, 2016	86
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 **Peru**

AOSpine Principles Seminar–Trauma Lima, Peru – April 02, 2016	87
AOSpine Advanced Seminar–Degenerative Lima, Peru – August 19–20, 2016	87
AO/AUNA–Education in Research Course Lima, Peru – November 26, 2016	88

 **Venezuela**

AOSpine Principles Seminar Punctual issues on Traumatology SVCOT–Spinal Trauma Caracas, Venezuela – July 22, 2016	89
AOSpine Advanced Seminar Trans-Congress SVCOT–Degenerative and Spine Deformities Caracas, Venezuela – December 05, 2016	89

**Anatomical Specimen Courses**

AOSpine Latin America Masters Level Specimen Course–Oncological vertebral resections Miami, USA – February 25–27, 2016	90
AOSpine Latin America Advanced Level Specimen Course–Vertebral Deformities Palm Beach, USA – April 25–26, 2016	90
AOSpine Latin America Advanced Level Specimen Course–Minimally Invasive Surgery I Palm Beach, USA – August 31–September 1, 2016	91
AOSpine Latin America Advanced Level Specimen Course–Minimally Invasive Surgery II Palm Beach, USA – September 02–03, 2016	91
AOSpine Latin America Advanced Level Specimen Course–Cervical Spine Palm Beach, USA – December 15–16, 2016	92

## ▶ Educational Activities statistics

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.

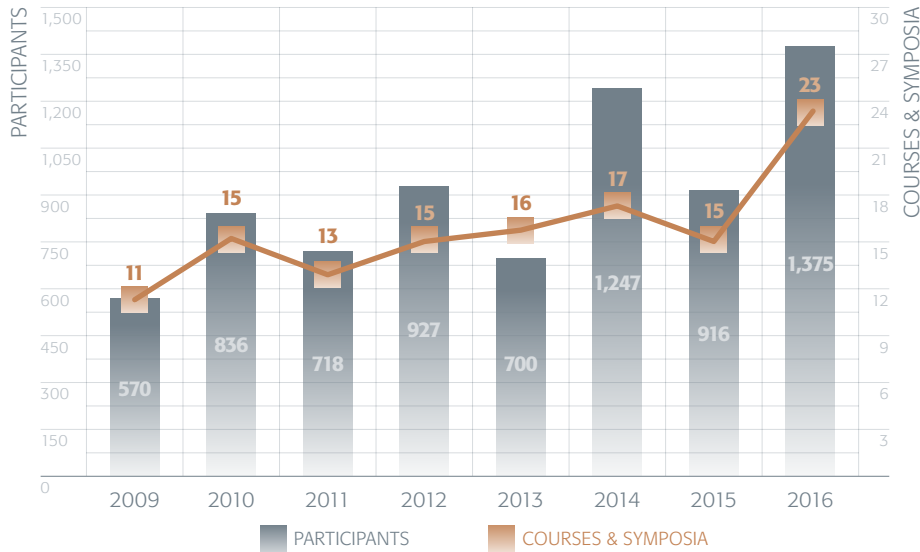
	2009	2010	2011	2012	2013	2014	2015	2016
<b>Courses &amp; Symposia</b>	11	15	13	15	16	17	15	23
<b>Participants</b>	570	836	718	927	700	1,247	916	1,375
<b>Seminars</b>	32	37	32	28	38	39	29	37
<b>Participants</b>	1,394	1,570	2,006	2,161	2,452	2,377	2,224	2,129
<b>Educational Events</b>	43	52	45	43	54	56	44	60
<b>Participants</b>	1,964	2,046	2,724	3,088	3,152	3,624	3,140	3,504
<b>Educational Days X Participants</b>	3,660	3,770	3,994	4,191	4,202	4,668	3,936	4,788

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

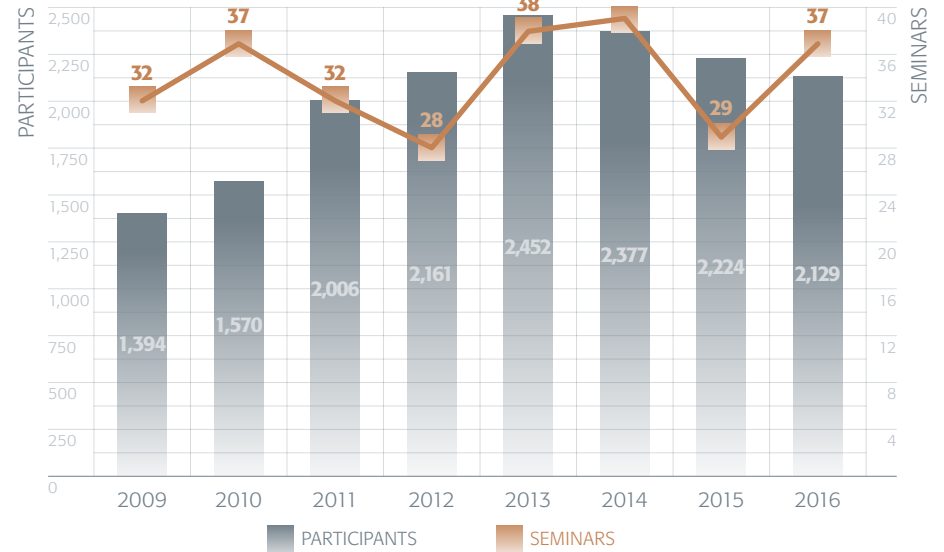


▷ Educational Activities statistics

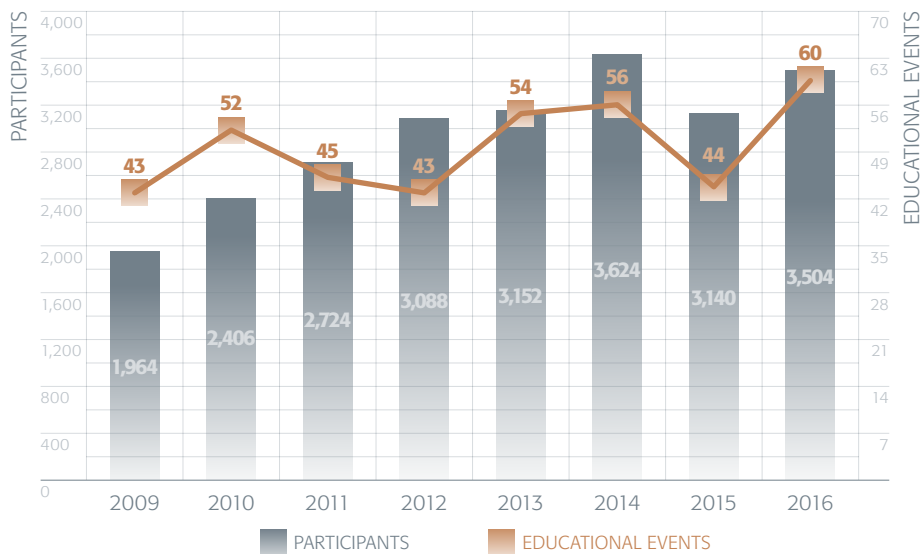
Courses & Symposia 2009–2016



Seminars 2009–2016



Educational Events 2009–2016



Educational Days X Participants 2009–2016



## AOSpine Advanced Symposium–Trauma



▷ March 10–11, 2016 – Buenos Aires, Argentina

### Venue

Hotel NH City

### Chairperson

Juan Pablo Guyot (Argentina)

### Educational Advisor

Pedro Bazán (Argentina)

### Regional Faculty

Bartolomé Marré (Chile)

Andrés Rodríguez (Colombia)

### National Faculty

Alejandro Betemps

Alvaro Borri

Felipe Lanari

Felix Imposti

Marcelo Gruenberg

Marcelo Valacco

Mauro Tropini

Ruben Alejandro Morales Ciancio

### Number of participants

54

### Registration Fee

Members: USD 150

Non-members: USD 200

### Course Evaluation

Average Faculty Performance	4.32	out of 5
Average Importance to Daily Practice	4.37	out of 5
Scientific Program Content	4.15	out of 5
Quality of Material Received	3.29	out of 5
Course Facilities	3.67	out of 5
Overall Course Evaluation	<b>3.96</b>	out of 5

## AOSpine Principles Seminar–Spine Degenerative Pathology



▷ June 24, 2016 – Neuquén, Argentina

### Venue

Hotel Howard Johnson

### Chairperson

Cristian Illanes (Argentina)

### National Faculty

Alejandro Passarelli

David Martínez

Germán Galaretto

Lucas Rueda

Marcelo Valacco

Sebastián Solsona

Verónica Herrera

### Number of participants

28

### Registration Fee

Free

## AOSpine Advanced Symposium Trans-Congress SAPCV– Deformities in Adolescents and Adults



▷ August 31, 2016 – Rosario, Argentina

### Venue

Puerto Norte Centro de Convenciones

### Number of participants

257

### Chairperson

Marcelo Valacco (Argentina)

### Registration Fee

Free – Exclusive for SAPCV Congress participants

### International Faculty

Vincent Arlet (USA)  
Ferran Pellisé (España)

### Regional Faculty

Samuel Pantoja (Chile)

### National Faculty

Claudio Fernandez  
Cristian Illanes  
Eduardo Galaretto  
Ernesto Bersusky  
Felix Imposti  
Gabriel Rositto  
Juan Guyot  
Miguel Puigdevall  
Osvaldo Romano  
Ramiro Barrera  
Rodrigo Remondino  
Ruben Alberto Maenza  
Ruben Alejandro Morales Ciancio  
Santiago Bosio

## AOSpine Advanced Seminar Trans-Congress Neuropinamar– Trauma



▷ December 02–03, 2016 – Pinamar, Argentina

### Venue

Hotel Del Bosque

### Co-Chairpersons

Juan Emmerich (Argentina)  
Pablo Jalón (Argentina)

### International Faculty

Randall Chesnut (USA)

### National Faculty

Ignacio Barrenechea  
Jorge Lambre  
Marcelo Gruenberg

### Presenters

Alfredo Guiroy  
Carlos Zanardi  
Cristian Orellana  
Federico Fernández  
Federico Landriel  
José Paleo  
Pablo Negri

### Number of participants

90

### Registration Fee

Free – Exclusive for Neuropinamar participants

## AOSpine Principles Seminar— Spine Surgery for Residents and Young Surgeons



▷ May 13–14, 2016 – La Paz, Bolivia

### Venue

Hotel Calacoto

### Co-Chairpersons

Jaime Linares (Bolivia)  
Juan Marcelo Sea (Bolivia)

### Regional Faculty

Ratko Yurac (Chile)

### National Faculty

Eddy Dorado  
Fernando Martín Aliaga  
Luis Duchén Rodríguez  
Marco Paredes

### Number of participants

20

### Registration Fee

Members: USD 100  
Non-members: USD 130

### Course Evaluation

Average Faculty Performance	4.32	out of 5
Average Importance to Daily Practice	4.37	out of 5
Scientific Program Content	4.00	out of 5
Quality of Material Received	3.20	out of 5
Course Facilities	3.47	out of 5
Overall Course Evaluation	<b>3.87</b>	out of 5

## AOSpine Advanced Symposium—Decisions on spine complex fractures



▷ August 18-19, 2016 – Santa Cruz de La Sierra, Bolivia

### Venue

Hotel Camino Real Santa Cruz

### Chairperson

Luis Duchén Rodríguez (Bolivia)

### Educational Advisor

Emiliano Vialle (Brazil)

### Regional Faculty

Javier Matta (Colombia)  
Alfredo Vásquez Rodríguez (Peru)

### National Faculty

Eddy Dorado  
Fernando Martín Aliaga  
Guider Salas  
Jaime Linares  
Juan Marcelo Sea

### Number of participants

26

### Registration Fee

Members: USD 340  
Non-members: USD 440

### Course Evaluation

Average Faculty Performance	4.63	out of 5
Average Importance to Daily Practice	4.68	out of 5
Scientific Program Content	4.08	out of 5
Quality of Material Received	3.54	out of 5
Course Facilities	3.87	out of 5
Overall Course Evaluation	<b>4.16</b>	out of 5

## AOSpine Principles Seminar—Residents



▷ February 19–20, 2016 – São Paulo, Brazil

### Venue

Hotel Grand Mercure Ibirapuera

### Co-Chairpersons

Mario Taricco (Brazil)  
Nelson Astur Neto (Brazil)

### National Faculty

Albert Brasil  
Alexandre Fogaça Cristante  
Alexandre Sadao Iutaka  
Eduardo Von Uhlendorff  
Luciano Pellegrino  
Luiz Gustavo Dal Oglio da Rocha  
Olavo Letaif  
Ricardo Umeta  
Roger Brock  
William Teixeira

### Number of participants

62

### Registration Fee

Members: USD 77  
Non-members: USD 116

### Course Evaluation

Average Faculty Performance	4.77 <small>out of 5</small>
Average Importance to Daily Practice	4.75 <small>out of 5</small>
Scientific Program Content	4.74 <small>out of 5</small>
Quality of Material Received	3.48 <small>out of 5</small>
Course Facilities	3.91 <small>out of 5</small>
<b>Overall Course Evaluation</b>	<b>4.33</b> <small>out of 5</small>

## AOSpine Advanced Level Live Tissue Training—Updates on interbody fusion



▷ April 01–02, 2016 – Curitiba, Brazil

### Venue

Universidade Católica do Paraná-PUC PR

### Chairperson

Luiz Vialle (Brazil)

### Educational Advisor

Emiliano Vialle (Brazil)

### International Faculty

Claudio Lamartina (Italy)

### Regional Faculty

Jaime Segura (Colombia)

### National Faculty

Cláudio Dorigo  
Cristiano Menezes  
José Augusto Araújo  
Luís Munhoz Rocha  
Ricardo Ribeiro  
William Teixeira

### Table Instructors

Chárbel Jacob Jr  
Christiano Simões  
Jerônimo Milano  
Luiz Gustavo da Rocha  
Ricardo Guimarães  
Ubirajara Bley Filho

### Course Evaluation

Average Faculty Performance	4.68 <small>out of 5</small>
Average Importance to Daily Practice	4.73 <small>out of 5</small>
Scientific Program Content	4.68 <small>out of 5</small>
Quality of Material Received	4.35 <small>out of 5</small>
Course Facilities	4.67 <small>out of 5</small>
<b>Overall Course Evaluation</b>	<b>4.62</b> <small>out of 5</small>

### Faculty Assistants

André Arruda  
Eduardo Mariúba  
Fernando Lira  
Guilherme Ramos  
Joana Guasque  
Mauro Fernandes  
Phelipe Menegaz  
Ramon Ferreira  
Samuel Conrad  
Wellington Ueda

### Number of participants

39

### Registration Fee

Members: USD 1.750  
Non-members: USD 1.900

\*Hotel included



## AOSpine Principles Seminar for Residents Hospital Cajuru—Cervical Spine Trauma



▷ May 07, 2016 – Curitiba, Brazil

### Venue

Hospital Universitário Cajuru

### Chairperson

Luiz Gustavo Dal Oglio da Rocha (Brazil)

### National Faculty

Bruno Saciloto  
Emiliano Vialle  
Fernando Lira  
Joana Guasque  
Luiz Vialle  
Mauro Fernandes  
Phelipe Menegaz  
Ricardo Guimarães  
Ubirajara Bley Filho

### Number of participants

22

### Registration Fee

Free

## AOSpine Principles Course



▷ June 09–11, 2016 – São Paulo, Brazil

### Venue

Hotel Grand Mercure Ibirapuera

### Co-Chairpersons

Luiz Gustavo da Rocha (Brazil)  
Roger Brock (Brazil)

### Educational Advisor

Alexandre Sadao (Brazil)

### Regional Faculty

Juan Emmerich (Argentina)  
Nelson Morales (Colombia)

### National Faculty

Albert Brasil  
Alberto Gotfryd  
Alexandre Jaccard  
Alexandre Fogaça  
Cristiano Menezes  
Délio Martins  
Eduardo Von Uhlendorff  
Jerônimo Milano  
Mario Taricco  
Nelson Astur Neto  
Rafael Souza  
Robert Meves  
William Teixeira

### Course Evaluation

Average Faculty Performance	4.86 <small>out of 5</small>
Average Importance to Daily Practice	4.87 <small>out of 5</small>
Scientific Program Content	4.67 <small>out of 5</small>
Quality of Material Received	4.07 <small>out of 5</small>
Course Facilities	4.26 <small>out of 5</small>
Overall Course Evaluation	<b>4.54</b> <small>out of 5</small>

### Faculty Assistants

Arthur Eygerabide  
Claudio Cazarini  
Helio Nichioka  
Henry Kiyomoto  
Ícaro Carvalho  
Paulo Victor Helito

### Number of participants

47

### Registration Fee

Members: USD 779  
Non-members: USD 885

## AOSpine Principles Seminar—Theory-practice on spine surgery



▷ June 10 2016 – Blumenau, Brazil

### Venue

Hospital Santa Isabel

### Co-Chairpersons

Asdrubal Falavigna (Brazil)  
Celso Itiberê Bernardes (Brazil)

### Number of participants

16

### Registration Fee

Free

## AOne Research Course 2016



▷ June 17–18, 2016 – São Paulo, Brazil

### Venue

Sheraton São Paulo WTC Hotel

### Co-Chairpersons

Asdrubal Falavigna (Brazil)  
Cassio Ferrigno (Brazil)  
Ricardo de Holanda Vasconcellos (Brazil)  
William Dias Belangero (Brazil)

### Regional Faculty

José María Jiménez (Mexico)

### National Faculty

André Zoppa  
Bruno Minto  
Délio Martins  
Denise Fantone  
Elivane da Silva Victor  
Emiliano Vialle  
Matheus Azi  
Nelson Astur Neto  
Osmar Moraes  
Paulo Barbosa  
Pedro Labronici  
Ricardo Botelho  
Vanessa Ferrez  
Vicenzo Giordano  
William Teixeira

### Course Evaluation

Average Faculty Performance	4.52 <small>out of 5</small>
Average Importance to Daily Practice	4.63 <small>out of 5</small>
Scientific Program Content	4.41 <small>out of 5</small>
Quality of Material Received	4.03 <small>out of 5</small>
Course Facilities	4.31 <small>out of 5</small>
Overall Course Evaluation	<b>4.38</b> <small>out of 5</small>

### Number of participants

38

### Registration Fee

Members: USD 65  
Non-members: USD 80

## AOSpine Advanced Symposium—Complications



▷ August 05–06, 2016 – São Paulo, Brazil

### Venue

Hotel Grand Mercure Ibirapuera

### Chairperson

William Teixeira (Brazil)

### Educational Advisor

Asdrubal Falavigna (Brazil)

### International Faculty

Darrel Brodke (USA)

Klaus Schnake (Germany)

### Regional Faculty

Marcelo Gruenberg (Argentina)

### National Faculty

Albert Brasil

Mario Taricco

Roger Brock

### Number of participants

48

### Registration Fee

Members: USD 182

Non-members: USD 237

### Course Evaluation

Average Faculty Performance	4.63	out of 5
Average Importance to Daily Practice	4.72	out of 5
Scientific Program Content	4.17	out of 5
Quality of Material Received	3.56	out of 5
Course Facilities	4.05	out of 5
Overall Course Evaluation	4.22	out of 5

## AOSpine Advanced Symposium Pre-Congress XXXI CBN



▷ September 06, 2016 – Brasília, Brazil

### Venue

CICB – Centro Internacional de Convenções do Brasil

### Chairperson

Osmar Moraes (Brazil)

### International Faculty

Claudio Lamartina (Italy)

Christopher Shaffrey (USA)

### Regional Faculty

Marcelo Gruenberg (Argentina)

### National Faculty

Albert Brasil

Asdrubal Falavigna

Fernando Dantas

Geraldo Sá Carneiro

Jerônimo Milano

Luiz Henrique Mattos Pimenta

Luiz Vialle

Marcelo Mudo

Marcelo Simões

Marcio Vinhal de Carvalho

Mario Taricco

Ricardo Botelho

Ricardo Ribeiro

Roger Brock

### Number of participants

102

### Registration Fee

Free – Exclusive for CBN participants

## AOSpine Principles Seminar for Residents Hospital INTO—Spinal Trauma



▷ October 15, 2016 – Rio de Janeiro, Brazil

### Venue

Hospital INTO

### Co-Chairpersons

Luis Eduardo Carelli Teixeira da Silva (Brazil)  
Luiz Gustavo dal Oglio da Rocha (Brazil)

### National Faculty

Alderico Campos de Barros  
Alexandre Sadao Iutaka  
Antonio Eulalio Araújo  
Gustavo Azevedo  
Luis Moliterno  
Renato Tavares  
Renato Teixeira  
Vinícius Magno

### Number of participants

21

### Registration Fee

Free

### Course Evaluation

Average Faculty Performance	4.82	out of 5
Average Importance to Daily Practice	4.67	out of 5
Scientific Program Content	4.79	out of 5
Quality of Material Received	4.58	out of 5
Course Facilities	4.67	out of 5
Overall Course Evaluation	4.71	out of 5

## AOSpine Principles Seminar for Residents—Hospital Evangélico de Londrina



▷ December 10, 2016 – Londrina, Brazil

### Venue

Hospital Evangélico de Curitiba

### Co-Chairpersons

Alexandre Boss Jaccard (Brazil)  
Luiz Gustavo Dal Oglio da Rocha (Brazil)

### National Faculty

Cesar Macedo  
Gabriel Castro  
Maurício Gusmão

### Number of participants

19

### Registration Fee

Free

### Course Evaluation

Average Faculty Performance	4.97	out of 5
Average Importance to Daily Practice	4.94	out of 5
Scientific Program Content	5.00	out of 5
Quality of Material Received	4.67	out of 5
Course Facilities	4.72	out of 5
Overall Course Evaluation	4.86	out of 5

## AOSpine Advanced Symposium—Tumors



▷ March 31–April 01, 2016 – Santiago, Chile

### Venue

Hotel Plaza El Bosque Nueva Las Condes

### Chairperson

Ratko Yurac (Chile)

### Educational Advisor

Roberto Postigo (Chile)

### International Faculty

Charles Fisher (Canada)  
Stefano Boriani (Italy)

### Regional Faculty

Oswaldo Romano (Argentina)

### National Faculty

Alvaro Silva  
Andres Cordova  
Claudio Dintrans  
Dennis Witt  
Franco Ravera  
Guillermo Chong  
Juan Zamorano  
Julio Urrutia  
Manuel Valencia  
Marcos Ganga  
Mauricio Campos  
Omar Hernandez  
Sebastian Mobarec

### Course Evaluation

Average Faculty Performance	4.41	out of 5
Average Importance to Daily Practice	4.38	out of 5
Scientific Program Content	4.30	out of 5
Quality of Material Received	3.85	out of 5
Course Facilities	3.73	out of 5
Overall Course Evaluation	4.13	out of 5

### Number of participants

59

### Registration Fee

USD 250

## AOSpine Principles Seminar—Trauma lumbosacral



▷ June 23, 2016 – Santiago, Chile

### Venue

Hotel Plaza El Bosque Nueva Las Condes

### Chairperson

Manuel Valencia (Chile)

### National Faculty

Felipe Novoa  
Javier Del Rio  
Juan Zamorano  
Mauricio Campos  
Ratko Yurac

### Number of participants

28

### Registration Fee

Members: USD 60  
Non-members: USD 75

### Course Evaluation

Average Faculty Performance	4.81	out of 5
Average Importance to Daily Practice	4.81	out of 5
Scientific Program Content	4.36	out of 5
Quality of Material Received	4.07	out of 5
Course Facilities	4.06	out of 5
Overall Course Evaluation	4.42	out of 5



# AOSpine Advanced Seminar— Infections and Inflammatory



▷ October 20, 2016 – Santiago, Chile

**Venue**

Hotel Plaza El Bosque Nueva Las Condes

**Chairperson**

Mauricio Campos (Chile)

**Regional Faculty**

Robert Meves (Brazil)

**National Faculty**

- Carolina Llanos
- Elvira Balcells
- Felipe Rossel
- Fernando Altermatt
- Jorge Cuellar
- Julio Urrutia
- Manuel Valencia
- Marcelo Molina
- Margarita Calvo
- Mario Cabezón
- Sebastian Mobarec

**Number of participants**

29

**Registration Fee**

Members: USD 100  
Non-members: USD 130

**Course Evaluation**

Average Faculty Performance	4.59	out of 5
Average Importance to Daily Practice	4.66	out of 5
Scientific Program Content	4.28	out of 5
Quality of Material Received	3.88	out of 5
Course Facilities	3.93	out of 5
Overall Course Evaluation	4.27	out of 5

## AOSpine Advanced Seminar Trans-congress SCCOT– Alignment sagittal and coronal problems of the lumbar spine



▷ February 12, 2016 – Cartagena, Colombia

### Venue

Hotel Las Américas

### Chairperson

Jaime Segura (Colombia)

### Educational Advisor

Marcelo Gruenberg (Argentina)

### National Faculty

Andrés Rodríguez Munera  
Carlos Carmona Lourdy  
David Meneses  
Leonardo Duplat  
Luis Morales Sáenz  
Néstor Taboada  
Rodolfo Paez Gonzales

### Number of participants

58

### Registration Fee

Free – Exclusive for SCCOT participants

## AOSpine Advanced Seminar– Spine Trauma and deformities



▷ April 22–23, 2016 – Medellín, Colombia

### Venue

Hotel San Fernando Plaza

### Co-Chairpersons

Julián Andrés España (Colombia)  
Luis Arango (Colombia)

### Regional Faculty

Gustavo Casas (Mexico)  
Samuel Pantoja (Chile)

### National Faculty

Carlos Montero Silva  
Fernando Alvarado  
Gustavo Giraldo  
Jaime Segura  
Juan David Castro  
Julian Zuluaga  
Nelson Morales

### Number of participants

41

### Registration Fee

Members: USD 220  
Non-members: USD 235

### Course Evaluation

Average Faculty Performance	4.61 <small>out of 5</small>
Average Importance to Daily Practice	4.73 <small>out of 5</small>
Scientific Program Content	4.16 <small>out of 5</small>
Quality of Material Received	3.82 <small>out of 5</small>
Course Facilities	3.87 <small>out of 5</small>
Overall Course Evaluation	4.24 <small>out of 5</small>

# AOSpine Regional Courses



▶ November 03–05, 2016 – Bogota, Colombia

## Venue

JW Marriott

## Program Director

Roberto Chapa (Mexico)

## Local Host

Jaime Segura (Colombia)

## Number of participants

201

## Registration Fee

Members: USD 500

Non-members: USD 600

## RESEARCH SEMINAR

### Chairperson

José Jiménez (Mexico)

### Faculty

Asdrubal Falavigna (Brazil)

Juan Ramón (Colombia)

Ricardo Londoño (Colombia)

## PRINCIPLES COURSE

### Chairperson

Fernando Alvarado (Colombia)

### Educational Advisor

Néstor Taboada (Colombia)

### Faculty

Carlos Carmona (Colombia)

Carlos Ramírez (Colombia)

Constanza Bedoya (Colombia)

Jaime Segura (Colombia)

José Jiménez (Mexico)

Julián España (Colombia)

Luis Arango (Colombia)

Mario Tarico (Brazil)

Rodolfo Paez (Colombia)

Ricardo Restrepo (Colombia)

### Evaluation—Principles Course

Average Faculty Performance	4.56	out of 5
Average Importance to Daily Practice	4.44	out of 5
Scientific Program Content	4.67	out of 5
Quality of Material Received	4.44	out of 5
Course Facilities	4.30	out of 5
<b>Overall Course Evaluation</b>	<b>4.48</b>	out of 5

## ADVANCED MODULES—TRAUMA

### Chairperson

Luiz Vialle (Brasil)

### Educational Advisor

Pablo Vela (Colombia)

### Faculty

Andrés Rodríguez (Colombia)

Carlo Bellabarba (USA)

Cumhur Oner (Netherlands)

Javier Matta (Colombia)

Klaus Schnake (Germany)

Marcelo Valacco (Argentina)

Martín Tejada (México)

## ADVANCED MODULES—DEGENERATIVE AND DEFORMITIES

### Chairperson

Marcelo Gruenberg (Argentina)

### Educational Advisor

Asdrubal Falavigna (Brazil)

### Faculty

Alexandre Sadao (Brazil)

Christopher Shaffrey (USA)

Daniel Riew (USA)

Emiliano Vialle (Brazil)

Nelson Morales (Colombia)

Roberto Postigo (Chile)

## ADVANCED MODULES—TUMORS

### Chairperson

William Teixeira (Brazil)

### Educational Advisor

Juan Emmerich (Argentina)

### Faculty

Álvaro Muñoz (Colombia)

Aylen Vanessa Ospina (Colombia)

Carlos Montero (Colombia)

Giovanni Barbanti (Italy)

Laurence Rhines (USA)

Luis Eduardo Pino (Colombia)

Mark Dekutoski (USA)

Ricardo Ribeiro (Brazil)

### Evaluation—Advanced Modules

Average Faculty Performance	4.31	out of 5
Average Importance to Daily Practice	4.58	out of 5
Scientific Program Content	4.49	out of 5
Quality of Material Received	3.90	out of 5
Course Facilities	3.97	out of 5
<b>Overall Course Evaluation</b>	<b>4.25</b>	out of 5

## AOSpine Central American Advanced Symposium—Cervical Spine



▷ May 06–07, 2016 – San José, Costa Rica

### Venue

Hotel Real Intercontinental

### Chairperson

Luis Brenes Rojas (Costa Rica)

### Educational Advisor

Roberto Chapa (Mexico)

### International Faculty

Giuseppe Barbagallo (Italy)  
Jeffrey C. Wang (USA)

### Regional Faculty

Juan Emmerich (Argentina)

### National Faculty

Andrés Angulo  
Esteban Araya

### Guests (Faculty Training Participants)

Carlos Arias Pesántez (Ecuador)  
Edgar Abel Marquez (Mexico)  
Juan Manuel Sierra (Colombia)  
Leonardo Gutierrez (Mexico)  
Mario Roberto Bran Garcia (Guatemala)  
Martha Hernández-Gálvez (Ecuador)  
Nelson Morales (Colombia)  
Piero A. Perrone (Dominican Republic)  
Rene Chirinos Zegarra (Peru)  
Sergio Castillo (Mexico)

### Course Evaluation

Average Faculty Performance	4.83	out of 5
Average Importance to Daily Practice	4.89	out of 5
Scientific Program Content	4.91	out of 5
Quality of Material Received	4.30	out of 5
Course Facilities	4.37	out of 5
Overall Course Evaluation	4.66	out of 5

### Number of participants

21

### Registration Fee

Members: USD 300  
Non-members: USD 400

## AOSpine Advanced Seminar Trans-Congress on Musculoskeletal Oncology—Spine Tumors



▷ May 20, 2016 – San José, Costa Rica

### Venue

Hotel Radisson San Jose

### Chairperson

Alexander Valverde (Costa Rica)

### Regional Faculty

José Estrada (Mexico)  
William Teixeira (Brazil)

### National Faculty

Emanuela Palmerini  
Esteban Zamora  
Juan Fernández  
Luis Brenes  
Miguel Esquivel

### Number of participants

13

### Registration Fee

Free for congress participants



## AOSpine Principles Seminar— Deformities in children and adults



▷ March 18, 2016 – Habana, Cuba

### Venue

Hotel Mercure Sevilla Havane

### Chairperson

Enrique De Jongh (Cuba)

### Educational Advisor

Roberto Chapa (Mexico)

### Regional Faculty

Eduardo Galaretto (Argentina)  
Roberto Postigo (Chile)

### National Faculty

Ernesto Fleites  
Madelín Sosa

### Number of participants

49

### Registration Fee

Free

### Course Evaluation

Average Faculty Performance	4.80	out of 5
Average Importance to Daily Practice	4.84	out of 5
Scientific Program Content	4.33	out of 5
Quality of Material Received	4.67	out of 5
Course Facilities	4.33	out of 5
Overall Course Evaluation	4.60	out of 5

## AOSpine Principles Seminar— Degenerative Spine



▷ September 10, 2016 – Habana, Cuba

### Venue

Clínica Cira Garcia

### Co-Chairpersons

Jorge Jérez (Cuba)  
Ernesto Fleites (Cuba)

### Regional Faculty

Barón Zárate (Mexico)  
Pablo Vela (Colombia)

### National Faculty

Carlos Santos Coto  
Enrique De Jongh

### Number of participants

31

### Registration Fee

Free

## AOSpine Advanced Seminar Trans-Congress Spine Society of the Dominican Republic– Trauma



▷ June 03, 2016 – Punta Cana, Dominican Republic

### Venue

Hard Rock Hotel & Casino Punta Cana

### Chairperson

Giovanni Ureña Mejía (Dominican Republic)

### Regional Faculty

Luiz Vialle (Brazil)  
Javier Matta (Colombia)  
Sergio Anaya (Mexico)

### National Faculty

Adriano Valdez  
Carlos Rodríguez Estevez  
Freddy Flores Lebron  
Iohan Fernandez  
Osmar Corona  
Piero Perrone Mora  
Roberto Franklin Abreu

### Number of participants

80

### Registration Fee

Free for congress participants

## AOSpine Advanced Seminar– Spine Deformities



▷ September 17, 2016 – Santo Domingo, Dominican Republic

### Venue

Crowne Plaza Santo Domingo

### Chairperson

Freddy Flores Lebron (Dominican Republic)

### Regional Faculty

Néstor Taboada (Colombia)  
Eduardo Von Uhlendorff (Brazil)

### National Faculty

Carlos Rodríguez Estevez  
Giovanni Ureña Mejía  
Hellwag Flores  
Miguel Luna Ortiz  
Osmar Corona  
Piero Perrone Mora  
Roberto Franklin Abreu

### Number of participants

36

### Registration Fee

Free for SDNN members  
USD 110 for non SDNN members

### Course Evaluation

Average Faculty Performance	4.69	out of 5
Average Importance to Daily Practice	4.63	out of 5
Scientific Program Content	4.59	out of 5
Quality of Material Received	4.10	out of 5
Course Facilities	4.11	out of 5
Overall Course Evaluation	4.42	out of 5

## AOSpine Advanced Seminar Trans-Congress SEOT– Spine Tumors



▷ August 26, 2016 – Guayaquil, Ecuador

### Venue

Hilton Colon Guayaquil

### Co-Chairpersons

Asdrubal Falavigna (Brazil)

Martha Hernández (Ecuador)

### International Faculty

Laurence Rhines (USA)

### National Faculty

Carlos Arias Pesántez

Jack Ordoñez Cordova

Marcelo Ochoa Valarezo

Xavier Sanchez Alarcon

### Number of participants

31

### Registration Fee

Free for Congress participants

USD100 for other participants

# AOSpine Advanced Seminar Meet the expert— Degenerative Spine



▷ January 13, 2016 – Guatemala, Guatemala

## Venue

Hotel Barceló Guatemala

## Chairperson

Julio Pozuelo Lopez (Guatemala)

## International Faculty

Michael Janssen (USA)

## Regional Faculty

Pablo Vela (Colombia)

## National Faculty

Gabriel Murga

Mario Roberto Bran Garcia

Pedro Brol

## Number of participants

20

## Registration Fee

Members: USD 45

Non-members: USD 55

## Course Evaluation

Average Faculty Performance	4.65	out of 5
Average Importance to Daily Practice	4.71	out of 5
Scientific Program Content	4.80	out of 5
Quality of Material Received	4.16	out of 5
Course Facilities	4.05	out of 5
Overall Course Evaluation	4.47	out of 5



## AOSpine Advanced Seminar Trans-Congress CANS–Trauma



▷ January 30, 2016 – Montego Bay, Jamaica

### Venue

Montego Bay Convention Centre

### Co-Chairpersons

Carl Bruce (Jamaica)

Roberto Chapa (Mexico)

### Regional Faculty

Michael Dittmar (Mexico)

### Number of participants

12

### Registration Fee

Free – exclusive for CANS participants

## AOSpine and Universidad Autónoma de Nuevo León Principles Seminar—Principles on Spine Surgery



▷ February 25, 2016 – Monterrey, México

### Venue

Hotel Safi Valle

### Chairperson

Oscar Martínez (Mexico)

### Regional Faculty

Luiz Vialle (Brazil)

### National Faculty

Gustavo Casas  
Pedro Reyes  
Roberto Chapa  
Sergio Castillo

### Number of participants

29

### Registration Fee

Free

### Course Evaluation

Average Faculty Performance	4.75 <small>out of 5</small>
Average Importance to Daily Practice	4.72 <small>out of 5</small>
Scientific Program Content	4.46 <small>out of 5</small>
Quality of Material Received	4.19 <small>out of 5</small>
Course Facilities	3.82 <small>out of 5</small>
<b>Overall Course Evaluation</b>	<b>4.39</b> <small>out of 5</small>

## AOSpine Principles Seminar—Research



▷ May 26, 2016 – Guadalajara, Mexico

### Venue

Fiesta Americana Guadalajara

### Chairperson

José María Jiménez Ávila (Mexico)

### Virtual Educational Advisor

Asdrubal Falavigna (Brazil)

### National Faculty

Alberto Aceves Pérez  
Barón Zárate  
Manuel Pérez Atanasio

### Number of participants

12

### Registration Fee

Members: USD 52  
Non-members: USD 80

### Course Evaluation

Average Faculty Performance	4.80 <small>out of 5</small>
Average Importance to Daily Practice	4.81 <small>out of 5</small>
Scientific Program Content	4.50 <small>out of 5</small>
Quality of Material Received	4.67 <small>out of 5</small>
Course Facilities	4.66 <small>out of 5</small>
<b>Overall Course Evaluation</b>	<b>4.69</b> <small>out of 5</small>

## AOSpine Principles Course



▷ May, 27–28, 2016 – Guadalajara, Mexico

### Venue

Fiesta Americana Guadalajara

### Co-Chairpersons

Michael Dittmar (Mexico)  
Barón Zárate (Mexico)

### Educational Advisor

Néstor Taboada (Colombia)

### Regional Faculty

Alexander Valverde (Costa Rica)  
Pedro Bazán (Argentina)

### National Faculty

Gustavo Casas  
Edgar Márquez  
Francisco Cruz  
Javier Ramos  
Jorge Alberto De Haro  
José Estrada Mastache  
José María Jiménez  
Leonardo Gutiérrez  
Martín Tejada

### Number of participants

48

### Registration Fee

Members: USD 241  
Non-members: USD 265

### Course Evaluation

Average Faculty Performance	4.77	out of 5
Average Importance to Daily Practice	4.79	out of 5
Scientific Program Content	4.50	out of 5
Quality of Material Received	4.19	out of 5
Course Facilities	4.13	out of 5
<b>Overall Course Evaluation</b>	<b>4.48</b>	out of 5

## AOSpine Principles Course



▷ June 03–04, 2016 – Mexico City, Mexico

### Venue

Camino Real Polanco

### Co-Chairpersons

Gustavo Casas (Mexico)  
David Servin (Mexico)

### Educational Advisor

Roberto Chapa (Mexico)

### Regional Faculty

Jaime Segura (Colombia)  
Ratko Yurac (Chile)

### National Faculty

Adrián García  
Aurelio Ramírez  
Cristóbal Herrera Palacios  
Hugo Vilchis Sámano  
Jesús Bernal  
Jorge Cabrera  
José Carlos Sauri-Barraza  
Juvenal Ordáz  
Luis Muñiz  
Pedro Reyes  
Ramón Ortega  
Sergio Castillo

### Course Evaluation

Average Faculty Performance	4.79	out of 5
Average Importance to Daily Practice	4.82	out of 5
Scientific Program Content	4.64	out of 5
Quality of Material Received	4.12	out of 5
Course Facilities	3.92	out of 5
<b>Overall Course Evaluation</b>	<b>4.46</b>	out of 5

### Table Instructors

Adrián Perera  
Dante Gallardo  
Francisco Fernando Salazar  
José Enrique Salcedo  
José Penagos  
Víctor Hugo Tejerina

### Number of participants

51

### Registration Fee

Members: USD 241  
Non-members: USD 265

## AOSpine Advanced Symposium– Spine Tumors



▷ June 03–04, 2016 – Mexico City, Mexico

### Venue

Camino Real Polanco

### Chairperson

Martín Tejeda (Mexico)

### Educational Advisor

Roberto Chapa (Mexico)

### International Faculty

Peter Varga (Hungary)  
Stefano Boriani (Italy)

### Regional Faculty

William Teixeira (Brazil)

### National Faculty

Aurelio Ramírez  
Barón Zárate  
Hugo Vilchis Sámano  
Juan Arriada Madioca  
Romeo Tecuallt Gómez

### Number of participants

75

### Registration Fee

Members: USD 214  
Non-members: USD 240

### Course Evaluation

Average Faculty Performance	4.69	out of 5
Average Importance to Daily Practice	4.70	out of 5
Scientific Program Content	4.18	out of 5
Quality of Material Received	4.28	out of 5
Course Facilities	4.01	out of 5
Overall Course Evaluation	4.37	out of 5

## AOSpine Advanced Symposium Trans-Congress AMCICO– Degenerative Spine



▷ September 15, 2016 – Querétaro, Mexico

### Venue

QCC & QTM, Querétaro Centro de  
Congresos

### Chairperson

Roberto Chapa (Mexico)

### International Faculty

Jean-Jacques Abitbol (USA)

### Regional Faculty

Luiz Vialle (Brazil)

### National Faculty

Barón Zárate  
David Servin  
Herman Michael Dittmar  
Hugo Vilchis Sámano  
Jesús Bernal-Márquez  
Martín Tejeda  
Oscar Martínez  
Sergio Castillo

### Number of participants

225

### Registration Fee

Free for congress participants

## AOSpine Advanced Seminar Trans-Congress FEMECOT– Elders’ Spine



▷ October 26, 2016 – Tijuana, Mexico

### Venue

Centro de Convenciones Baja California  
Center

### Chairperson

Martín Tejeda (Mexico)

### National Faculty

Federico Cisneros  
Gonzalo Santiago Tipac  
Roberto Chapa  
Sergio Anaya Vallejo

### Number of participants

45

### Registration Fee

Free for congress participants



# AOSpine Advanced Seminar— Deformities



▶ November 18–19, 2016 – Panama City, Panama

### Venue

Hotel Riu Plaza Panamá

### Co-Chairpersons

Raúl Arjona (Panama)  
Roberto Chapa (Mexico)

### Regional Faculty

Carlos Montero Silva (Colombia)  
Marcelo Valacco (Argentina)

### National Faculty

Andrés Báez  
Nelson Sopalda  
Ricardo Bermudez  
Ricardo Mosquera

### Number of participants

16

### Registration Fee

Members: USD 130  
Non-members: USD 180

### Course Evaluation

Average Faculty Performance	4.66	out of 5
Average Importance to Daily Practice	4.74	out of 5
Scientific Program Content	4.33	out of 5
Quality of Material Received	4.33	out of 5
Course Facilities	4.44	out of 5
Overall Course Evaluation	4.50	out of 5

## AOSpine Principles Seminar—Trauma



▷ April 02, 2016 – Lima, Peru

### Venue

Hotel Novotel Lima

### Chairperson

Pedro Soto (Peru)

### Regional Faculty

Manuel Valencia (Chile)

### National Faculty

Alfonso Basurco  
Alfredo Vásquez  
Arturo Morales  
René Chirinos

### Number of participants

22

### Registration Fee

Members: USD 115  
Non-members: USD 130

### Course Evaluation

Average Faculty Performance	4.30	out of 5
Average Importance to Daily Practice	4.49	out of 5
Scientific Program Content	3.63	out of 5
Quality of Material Received	3.11	out of 5
Course Facilities	3.68	out of 5
Overall Course Evaluation	<b>3.84</b>	out of 5

## AOSpine Advanced Seminar—Degenerative



▷ August 19–20, 2016 – Lima, Peru

### Venue

Hotel Novotel Lima

### Co-Chairpersons

Alfonso Basurco (Peru)  
René Chirinos (Peru)

### Educational Advisor

Roberto Chapa (Mexico)

### Regional Faculty

Pablo Vela (Colombia)

### National Faculty

Daniel Cauti  
Edgar Morales  
Elar Cari  
Luis Enrique Nuñez Alvarado  
Yusef Tapia

### Number of participants

18

### Registration Fee

USD 190

### Course Evaluation

Average Faculty Performance	3.34	out of 5
Average Importance to Daily Practice	4.60	out of 5
Scientific Program Content	4.76	out of 5
Quality of Material Received	3.00	out of 5
Course Facilities	4.02	out of 5
Overall Course Evaluation	<b>4.14</b>	out of 5

## AO/AUNA Education in Research Course



▷ November 26, 2016 – Lima, Peru

### Venue

Hotel Novotel Lima

### Co-Chairpersons

Asdrubal Falavigna (Brazil)  
Shandher Tovar (Peru)

### Regional Faculty

José María Jiménez (Mexico)

### National Faculty

Alfredo Aguilar  
Claudio Flores  
Denise Bretel  
Fernando Briceño  
Germán Valenzuela  
Ivan Salce  
Joseph Pinto

### Number of participants

15

### Registration Fee

Members: USD 20  
Non-members: USD 100

### Course Evaluation

Average Faculty Performance	4.18	out of 5
Average Importance to Daily Practice	4.41	out of 5
Scientific Program Content	3.71	out of 5
Quality of Material Received	3.86	out of 5
Course Facilities	3.59	out of 5
Overall Course Evaluation	<b>3.95</b>	out of 5

## AOSpine Principles Seminar Punctual issues on Traumatology SVCOT– Spinal Trauma



▶ July 22, 2016 – Caracas, Venezuela

### Venue

Auditorium Hospital de Clínicas Caracas

### Chairperson

Olga Morillo (Venezuela)

### National Faculty

Gustavo Velázquez

Irene Abascal

Simon Chang

Victor Dávila

Yusmary Guillen Velazquez

### Number of participants

79

### Registration Fee

Free

## AOSpine Advanced Seminar Trans-Congress SVCOT– Degenerative and Spine



▶ December 05, 2016 – Caracas, Venezuela

### Venue

Eurobuilding Hotel & Suites

### Co-Chairpersons

Olga Morillo (Venezuela)

Victor Dávila (Venezuela)

### Regional Faculty

Herman Michael Dittmar (Mexico)

Jaime Segura (Colombia)

### National Faculty

Alejandro Pérez

Antonio Cartolano

José Ramon Medina

Marlon Díaz

Nelson Cruz

### Number of participants

27

### Registration Fee

Free for SVCOT Congress participants

## AOSpine Latin America Masters Level Specimen Course—Oncological vertebral resections



▷ February 25–27, 2016 – Miami, USA

### Venue

InterContinental at Doral Hotel and M.A.R.C.

### Chairperson

William Teixeira (Brazil)

### Educational Advisor

Néstor Fiore (Argentina)

### Regional Faculty

Alejandro Mengotti (Argentina)  
José Estrada (Mexico)  
Osvaldo Romano (Argentina)

### Number of participants

16

### Registration Fee

Members: USD 2.300  
Non-members: USD 2.500

### Course Evaluation

Average Faculty Performance	4.80	out of 5
Average Importance to Daily Practice	4.53	out of 5
Scientific Program Content	5.00	out of 5
Quality of Material Received	4.38	out of 5
Course Facilities	4.13	out of 5
Overall Course Evaluation	4.57	out of 5

## AOSpine Latin America Advanced Level Specimen Course—Vertebral Deformities



▷ April 25–26, 2016 – Palm Beach, USA

### Venue

DePuy Synthes Institute

### Chairperson

Emiliano Vialle (Brazil)

### Educational Advisor

Roberto Chapa (Mexico)

### Regional Faculty

Alexandre Sadao Iutaka (Brazil)  
Carlos Montero Silva (Colombia)  
Cristiano Menezes (Brazil)  
Roberto Postigo (Chile)

### Number of participants

23

### Registration Fee

Members: USD 2.000  
Non-members: USD 2.200

### Course Evaluation

Average Faculty Performance	4.85	out of 5
Average Importance to Daily Practice	4.78	out of 5
Scientific Program Content	4.78	out of 5
Quality of Material Received	4.44	out of 5
Course Facilities	4.40	out of 5
Overall Course Evaluation	4.65	out of 5



## AOSpine Latin America Advanced Level Specimen Course—Minimally Invasive Surgery I



▷ August 31–September 1, 2016 – Palm Beach, USA

### Venue

DePuy Synthes Institute

### Chairperson

Roberto Postigo (Chile)

### Educational Advisor

Roberto Chapa (Mexico)

### Regional Faculty

Alexandre Sadao Iutaka (Brazil)  
 Catarino López (Mexico)  
 Cristiano Menezes (Brazil)  
 Nelson Morales (Colombia)  
 Néstor Taboada (Colombia)

### Number of participants

24

### Registration Fee

Members: USD 2.000  
 Non-members: USD 2.200

### Course Evaluation

Average Faculty Performance	4.63	out of 5
Average Importance to Daily Practice	4.68	out of 5
Scientific Program Content	4.74	out of 5
Quality of Material Received	4.00	out of 5
Course Facilities	4.44	out of 5
Overall Course Evaluation	4.50	out of 5

## AOSpine Latin America Advanced Level Specimen Course—Minimally Invasive Surgery II



▷ September 02–03, 2016 – Palm Beach, USA

### Venue

DePuy Synthes Institute

### Chairperson

Alexandre Sadao Iutaka (Brazil)

### Educational Advisor

Roberto Chapa (Mexico)

### Regional Faculty

Catarino López (Mexico)  
 Cristiano Menezes (Brazil)  
 Nelson Morales (Colombia)  
 Néstor Taboada (Colombia)  
 Roberto Postigo (Chile)

### Number of participants

24

### Registration Fee

Members: USD 2.000  
 Non-members: USD 2.200

### Course Evaluation

Average Faculty Performance	4.63	out of 5
Average Importance to Daily Practice	4.68	out of 5
Scientific Program Content	4.65	out of 5
Quality of Material Received	4.48	out of 5
Course Facilities	4.32	out of 5
Overall Course Evaluation	4.55	out of 5

# AOSpine Latin America Advanced Level Specimen Course—Cervical Spine



▷ December 15–16, 2016 – Palm Beach, USA

**Venue**

DePuy Synthes Institute

**Chairperson**

Asdrubal Falavigna (Brazil)

**Educational Advisor**

Juan Emmerich (Argentina)

**Regional Faculty**

- Alexandre Sadao Iutaka (Brazil)
- Carlos Montero Silva (Colombia)
- Jaime Segura (Colombia)
- Néstor Fiore (Argentina)
- Roberto Chapa (Mexico)
- William Teixeira (Brazil)

**Number of participants**

15

**Registration Fee**

Members: USD 2.000

Non-members: USD 2.200

**Course Evaluation**

Average Faculty Performance	4.97 <small>out of 5</small>
Average Importance to Daily Practice	4.94 <small>out of 5</small>
Scientific Program Content	5.00 <small>out of 5</small>
Quality of Material Received	4.54 <small>out of 5</small>
Course Facilities	4.52 <small>out of 5</small>
<b>Overall Course Evaluation</b>	<b>4.80</b> <small>out of 5</small>

## ▷ AOSpine Latin America office

The AOSpine Headquarter in Latin America is located in the city of Curitiba, south-east of Brazil. From this location, the administrative team is able to provide support for the design of new projects as well as for the implementation and coordination of different activities related to spine.

The AOSLA team in 2016 was composed by:



▷ Regional Director

**Antonio Machado**  
Executive Director



▷ Project Manager

**Carlos Montero**  
Education



▷ Project Manager

**Sônia Scussel**  
Education



▷ Project Coordinator

**Carla Vinize**  
Education & Research



▷ Event Manager

**Luana Torres**  
Event Manager



▷ Project Manager

**Leonardo Peroni**  
Community Development  
until November 2016



▷ Project Manager

**Idaura Lobo**  
Community Development  
started December 2016

## ▶ 2016—the year in review



01



04



02



03



05

**01. 02. 03.**  
AOSpine Latin America Masters Level Specimen Course—Oncological Vertebral Resection  
February 02, 2016 – Miami, USA

**04. 05.**  
AOSpine Principles Seminar  
February 02, 2016 – São Paulo, Brazil



# ▶ 2016—the year in review



01



02



03



04



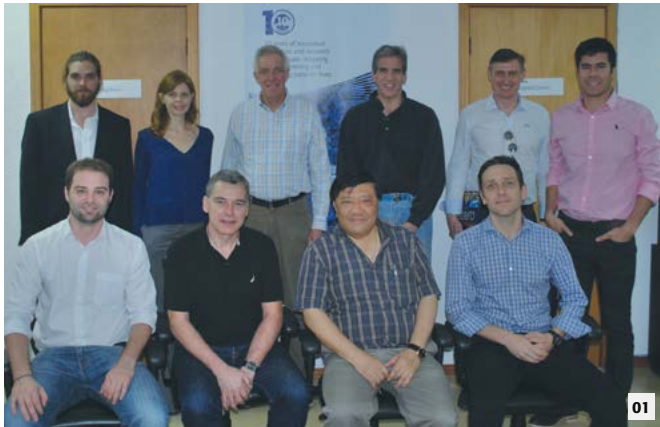
05

**01.**  
AOSpine Principles Seminar—Deformities in children and adults  
March 03, 2016 – Habana, Cuba

**02. 03. 04.**  
Special Seminar in Traumatology  
March 03, 2016 – Curitiba, Brazil  
**05.**  
AOSpine Advanced Symposium Trauma  
March 03, 2016 – Buenos Aires, Argentina



# ▷ 2016—the year in review



**01.**  
AO Foundation Board Meeting  
March 15, 2016 – Curitiba, Brazil

**02. 03. 04. 05.**  
AOSpine Advanced Level Live Tissue Training - Updates on interbody fusion  
April 04, 2016 – Curitiba, Brazil



## ▶ 2016—the year in review



01



03



02



04

**01. 02.**  
AOSpine Advanced Symposium—Tumors  
April 04, 2016 – Santiago, Chile

**03. 04.**  
AOSpine Latin America Advanced Level Specimen Course—Vertebral Deformities  
April 04, 2016 – Palm Beach, USA



## ▷ 2016—the year in review



01. 02. 03. 04.

AOSpine Central American Advanced Symposium – Cervical Spine  
May 05, 2016 – San José, Costa Rica



## ▶ 2016—the year in review



**01. 02. 03.**  
AOne Research Course 2016  
June 06, 2016 – São Paulo, Brazil

**04. 05.**  
AOSpine Principles Course  
June 06, 2016 – São Paulo, Brazil



# ▶ 2016—the year in review



01



02



03



04



05



06



07

**01.**  
AOSpine Principles Seminar—Punctual issues on Traumatology SVCOT: Spine Trauma  
July 07, 2016 – Caracas, Venezuela

**02. 03.**  
AOSpine Advanced Seminar—Degenerative  
August 08, 2016 – Lima, Peru

**04. 05. 06. 07.**  
AOSpine Advanced Symposium—Complications  
August 08, 2016 – São Paulo, Brazil



## ▶ 2016—the year in review



01



02



03



04



05



06

**01. 02. 03.**  
AOSpine Board Meeting  
August 08, 2016 – Bogota, Colombia

**04. 05. 06.**  
AOSpine Latin America Advanced Level Specimen Course—Minimally Invasive Surgery I and II  
August 31–September 03, 2016 – Palm Beach, USA



# ▶ 2016—the year in review



**01.**  
Seminario Avanzado Tumores Vertebrales  
August 08, 2016 – Guayaquil, Ecuador  
**02. 03.**  
AOSpine Advanced Seminar—Spine Deformities  
September 09, 2016 – Santo Domingo, Dominican Republic

**04. 05. 06.**  
AOSpine Advanced Symposium Pre-Congress XXXI CBN  
September 09, 2016 – Brasilia, Brasil



# ▷ 2016—the year in review



01



02



04



03



05



06

**01. 02. 03. 04.**  
 AOSpine Advanced Symposium Trans-Congress AMCICO  
 September 15, 2016 – Querétaro, Mexico

**05. 06.**  
 AOSpine Latin America EA Meeting  
 November 03, 2016 – Bogota, Colombia



# ▶ 2016—the year in review



01. 02. 03. 04. 05. 06.

AOSpine Latin America Regional Courses  
November 03–05, 2016 – Bogota, Colombia



AOSpine Latin America Annual Report 2016

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# ▶ APPENDIX


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AOSpine Fellowship History

AOSpine Faculty Development–Training Levels

## ▷ AOSpine Latin America 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
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

Name	Nationality	Program	From	To
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
Luís 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
Mauro Antonio Fernandes Junior	Brazil	Long-term	Feb-16	Dec-17
Oscar Enrique González Guerra	Chile	Short-term	Mar-16	May-16
Nicolás García Roldán	Colombia	Long-term	Jun-16	May-17
Juan José Jara Verón	Paraguay	Short-term	Jun-16	Aug-16
Vitor Viana Bonan Aguiar	Brazil	Observership	Nov-16	Dec-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
Marcelo Altino de Oliveira	Brazil	Short-term	Apr-16	Apr-16
Ronald Alberto Rioja Rosas	Brazil	Short-term	May-16	Jul-16
Walter Ramon Alcivar Choez	Ecuador	Short-term	Jul-16	Jul-16
Pablo Javier Quintana	Argentina	Observership	Aug-16	Aug-16

## 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
Juan Ignacio Cirillo	Argentina	Long-term	Mar-16	Aug-16
William López Tello	Ecuador	Short-term	Jan-16	Mar-16

## 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
Carlos Manuel Huaiquilaf Salazar	Chile	Short-term	Mar-16	Apr-16

## 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
Enrique Alcides Casco	Paraguay	Short-term	May-16	Jul-16
Alfredo Godoy Adaro	Argentina	Observership	Jul-16	Jul-16

## 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
Juan Manuel del Toro Aguayo	Mexico	Long-term	Jul-16	Nov-16
Arizt Iraida De Leon Robles	Panama	Long-term	Apr-16	Jun-16
Anderson José Silva Florez	Venezuela	Short-term	Jan-16	Mar-16

## 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
Maximiliano Giménez	Argentina	Short-term	Feb-16	Jul-16

## FELLOWS AT

 Instituto de Ortopedia Infantil Roosevelt – Bogota, Colombia

PROGRAM DIRECTOR

Carlos Montero Silva

Name	Nationality	Program	From	To
Jorge de Haro	Mexico	Short-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
Max Daniel Méndez Salazar	Costa Rica	Short-term	Apr-16	Jun-16
Juan Manuel del Toro Aguayo	Mexico	Long-term	Nov-16	Dec-16
Arizt Iraida De Leon Robles	Panama	Long-term	Jul-16	Dec-16
Eddy Caridad	Venezuela	Observership	Nov-16	Nov-16

## FELLOWS AT


 Instituto Nacional de Traumatologia e Ortopedia – Rio de Janeiro, Brazil

PROGRAM DIRECTOR

Luís Eduardo Carelli

Name	Nationality	Program	From	To
Germán Alejandro Andjel	Argentina	Long-Term	Jan-16	Jul-16
Gamaliel Gonzalez Atencio	Panama	Long-Term	Jul-16	Dec-16

## FELLOWS AT

 Hospital das Clínicas – Ribeirao Preto, Brazil

PROGRAM DIRECTOR

Helton Defino

Name	Nationality	Program	From	To
Carlos Fernando Herrero	Brazil	Short-term	Feb-07	Apr-07
William Contreras	Colombia	Short-term	Feb-07	Apr-07
Djalma Amorim	Brazil	Short-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	Short-term	Apr-06	May-06
Daniel Cauti De la Cruz	Peru	Short-term	Sep-06	Oct-06
Juan Marcelo Sea Aramayo	Bolivia	Short-term	Sep-06	Nov-06
Paola San Martin	Chile	Short-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	Short-term	Oct-10	Dec-10
Pablo Diaz	Argentina	Long-term	Jun-11	May-12



## FELLOWS AT

## International Centers

Name	Nationality	Destination	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
Mauricio 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
Alejandro Calniquer	Argentina	Seattle, United States	Long-term	Apr-13	Jun-13
Lazaro Lutzky	Argentina	Lucerne, Switzerland	Long-term	Apr-13	May-13

Name	Nationality	Destination	Program	From	To
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, Germany	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
Celeste Tavoraro Trombetta	Argentina	Seattle, United States	Short-term	Mar-16	May-16
Federico Daniel Sartor	Argentina	Bologna, Italy	Short-term	Sep-16	Nov-16
Jorge Saisi Bragues	Argentina	London, United Kingdom	Short-term	Feb-16	Apr-16
Hugo Reynoso	Mexico	Nijmegen, Netherland	Short-term	May-16	Jul-16

## ▷ 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 Diaz 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 Martin	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	PAN	X					
Antonio Hurtado	MEX		X				
Armando Alpizar-Aguirre	MEX	X					
Armando Pineda-Fernandez	VEN	X					

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Arturo Morales	PER	X		X	X		
Arturo Rodríguez Montalvo	MEX	X					
Asdrubal Falavigna	BRA	X		X	X		
Augustin Malzac	BRA	X					
Aurelio Ramirez	MEX	X		X			
Barón Zárate	MEX			X			
Bartolomé Marré	CHL	X		X	X		
Carlos Arias Pesántez	ECU	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	PAN	X					
Carlos Santos	CUB	X					
Carlos Contreras	HON	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			

### AOS T4F AOSpine Faculty Training

**T4F 1** Complete program

**T4F 2** Mini Faculty Training (extended pre-course)

### AOS T4C AOSpine Chairperson Training

**T4C 1** Chairperson Training (before 2012)

**T4C 2** Chairperson Training (Curriculum)

### AOS T4C AOSLA Faculty Improvement

**T4C 1** AOSpine Educational Advisor Training

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
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		X			
Delio 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	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					
Elío Marín Sanabria	PRY	X					
Emiliano Vialle	BRA	X		X		X	X
Enrique De Jongh	CUB				X		
Enrique Gutiérrez	ARG	X					
Enrique Julio Concha	CHL	X					
Enzo Mantelli	CHL	X					

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Erick Rodas	GTM	X					
Ernesto Bersusky	ARG	X					
Ernesto Carvalho	VEN	X					
Ernesto Fleites	CUB	X			X		
Ernesto Vargas Rivadeneira	ECU						X
Esteban Araya	CRI	X					
Fabiano Canto	BRA	X					
Federico Cisneros	MEX	X					X
Felipe Rossel	CHL	X					
Felix Adolfo Sanchez Chavez	MEX	X					
Fernando Façanha Filho	BRA	X					
Fernando Helo Yamhure	COL	X					
Fernando Dantas	BRA	X					
Fernando Garcia	URY	X					
Fernando Alvarado Gomez	COL		X		X		
Francisco Salinas Malaga	PER		X				
Freddy Flores Lebron	DOM				X		
Geraldo Sá Carneiro	BRA	X		X			X
Giovanni Ureña	DOM	X			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	CRI	X					
Helton Defino	BRA	X					X

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
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					
Javier Gutierrez	CRI	X					
Javier Brenes	CRI						X
Jefferson Galves	BRA	X					
Jerônimo Milano	BRA	X			X		
Jesus Bernal-Marquez	MEX	X					
Jorge Cancinos	ARG	X					
Jorge Lambre	ARG	X					
Jorge Cabrera	MEX	X	X		X		
Jose Prina	ARG	X					
Jose Estrada Mastache	MEX	X			X		
José Jiménez	MEX	X			X		

**AOS T4F** AOSpine Faculty Training**T4F 1** Complete program**T4F 2** Mini Faculty Training (extended pre-course)**AOS T4C** AOSpine Chairperson Training**T4C 1** Chairperson Training (before 2012)**T4C 2** Chairperson Training (Curriculum)

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Jose Duran Dautant	VEN	X					
Jose 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 Manuel Sierra	COL	X					
Juan Marcelo Sea Aramayo	BOL	X			X		
Juan Pablo De León Palacios	GTM	X			X		
Juan Pablo Guyot	ARG	X	X		X		
Julián España Peña	COL		X		X		
Julio Bassani	ARG		X				
Julio Luis Pozuelos Lopez	GTM	X			X		
Leonardo Gutiérrez	MEX	X					
Leonardo Pérez Hernandez	MEX	X					
Lucas Rueda	ARG	X					

**AOS T4C** AOSLA Faculty Improvement**T4C 1** AOSpine Educational Advisor Training

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Luciano Miller	BRA	X					
Luciano Pellegrino	BRA	X					
Luis Rosales	MEX	X					
Luis Arango	COL	X			X		
Luis Lara Requena	VEN	X					
Luis Duchén Rodríguez	BOL	X	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			X		
Luiz Vialle	BRA	X		X			X
Luiz Felipe Carvalho	BRA	X					
Luiz Gustavo Dal Oglio da Rocha	BRA	X			X		
Lyonel Beaulieu	CHL	X					
Madelín Carrasco	CUB	X					
Manuel Alvarado	VEN	X		X			X
Manuel Valencia	CHL	X			X		
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					

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
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
Mario Roberto Bran Garcia	GTM	X					
Marleny Llerena	PER	X		X			
Marlon Diaz	VEN	X					
Martha Hernandez-Galvez	ECU	XX			X		X
Martín Tejeda	MEX	X			X	X	X
Martín Medina	ARG	X					
Martín Hidalgo	CHL	X					
Martín Aliaga	BOL	X	X				
Matías Petracchi	ARG	X					
Mauricio Calais	BRA	X					
Mauricio Gusmão	BRA	X					
Mauricio Campos	CHL	X			X		

**AOS T4F** AOSpine Faculty Training**T4F 1** Complete program**T4F 2** Mini Faculty Training (extended pre-course)**AOS T4C** AOSpine Chairperson Training**T4C 1** Chairperson Training (before 2012)**T4C 2** Chairperson Training (Curriculum)

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
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		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
Oswaldo Romano	ARG	X			X		
Oswaldo Ojeda Serrano	CHL	X					
Otto Alvarado Ortiz	GTM	X					

**AOS T4C** AOSLA Faculty Improvement**T4C 1** 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		X		
Pablo Pereda	URY	X					
Patricio Bustos	CHL	X					
Patricio Melero	CHL		X				
Paulo Cavali	BRA	X					X
Pedro Reyes	MEX	X					
Pedro Soto	PER				X		
Pedro Luis Bazán	ARG	X			X	X	
Piero A. Perrone Mora	DOM	X					
Rafael De la Riva Rohrmoser	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			X		
Ricardo Ribeiro	BRA	X		X	X	X	
Ricardo Andaluz	MEX	X					
Ricardo Restrepo	COL	X					

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
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					
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					
Samuel Pantoja	CHL	X			X		X
Sergio Castillo	MEX	X					
Sergio Zylbersztejn	BRA	X					
Sérgio Daher	BRA	X					
Túlio Rangel	BRA	X					
Ubirajara Bley Filho	BRA	X					
Victor Flores-Verdugo	MEX	X					

**AOS T4F** AOSpine Faculty Training**T4F 1** Complete program**T4F 2** Mini Faculty Training (extended pre-course)**AOS T4C** AOSpine Chairperson Training**T4C 1** Chairperson Training (before 2012)**T4C 2** Chairperson Training (Curriculum)**AOS T4C** AOSLA Faculty Improvement**T4C 1** AOSpine Educational Advisor Training

Name	Country	AOS T4F		AOS T4C		AOS T4EA	AOSLA FI
		T4F 1	T4F 2	T4C 1	T4C 2		
Victor Davila	VEN	X			X		X
Wagner Pasqualini	BRA	X					
William Teixeira	BRA	X			X		
Patricio Yokota	CHL			X			







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