



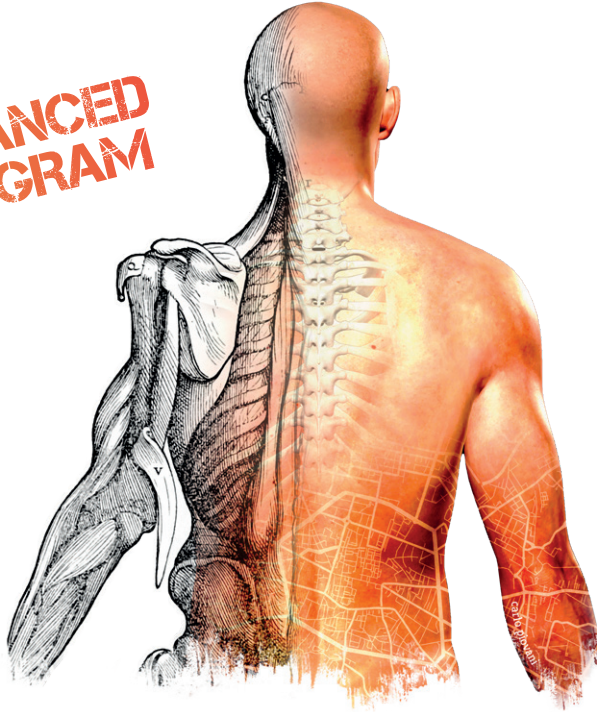
SERVIZIO SANITARIO REGIONALE  
EMILIA - ROMAGNA  
Istituto Ortopedico Rizzoli di Bologna  
Istituto di Ricovero e Cura a Carattere Scientifico



MAYO CLINIC

**BOLOGNA, ITALY • SEPTEMBER 19-20<sup>th</sup>, 2024**  
IRCCS Rizzoli Orthopaedic Institute – Vasari Hall

**ADVANCED  
PROGRAM**



5<sup>th</sup> ANNUAL INTERNATIONAL  
**SPINO-PLASTIC  
RECONSTRUCTION**  
SYMPOSIUM

**SCIENTIFIC COORDINATORS**

**MARCO INNOCENTI, ALESSANDRO GASBARRINI**, Rizzoli Orthopaedic Institute, Bologna - Italy

**EDWARD M. REECE**, Mayo Clinic, Phoenix, Arizona - USA - **ALEXANDER ROPPER, SEBASTIAN WINOCOUR**, Baylor College of Medicine, Texas - USA



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## Foreword

On behalf of the organizing committee, it is our distinct pleasure to extend a warm welcome to all esteemed colleagues, practitioners, and researchers in the field of spino-plastic reconstruction as we gather for the fifth annual International Spino-Plastic Reconstruction Symposium. Set against the picturesque backdrop of Bologna, Italy, this symposium promises to be a momentous occasion for collaborative learning, exchange of insights, and advancement in our shared pursuit of excellence in patient care.

This year's symposium marks a significant milestone as it is jointly organized by the renowned Mayo Clinic and the esteemed Istituto Ortopedico Rizzoli. This collaboration between two leading institutions underscores our commitment to fostering interdisciplinary dialogue and leveraging collective expertise to address the complex challenges in spino-plastic reconstruction.

Over the course of two days, we have curated a comprehensive program featuring keynote presentations, panel discussions, and interactive workshops that will delve into the latest innovations, techniques, and research findings shaping our field. From advancements in surgical approaches to emerging technologies and rehabilitative strategies, this symposium offers a platform to explore the full spectrum of spino-plastic reconstruction.

Furthermore, the rich cultural heritage of Bologna provides an inspiring backdrop for networking and forging new collaborations. We encourage all participants to take full advantage of this opportunity to connect with peers, exchange ideas, and forge lasting partnerships that will drive innovation and elevate patient care.

As we convene in this historic city known for its tradition of intellectual inquiry and innovation, let us embark on this journey with a spirit of curiosity, collaboration, and commitment to excellence. Together, let us chart a course towards a future where every patient receives the highest standard of care and every practitioner is empowered to make a meaningful difference in their lives.

## The Scientific Coordinators

Alessandro Gasbarrini

Marco Innocenti

Edward M. Reece

Alexander Ropper

Sebastian Winocour

Thursday | September 19<sup>th</sup>, 2024

- 08.00 a.m. Registration
- 08.30 a.m. Welcome and Introduction  
*Alessandro Gasbarrini, Marco Innocenti, Edward M. Reece*

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**Moderators: Cesare Faldini, Alexander Ropper**

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- 08:45 a.m. Keynote: Orthoplastic Surgery  
*L. Scott Levin*
- 09.10 a.m. Basic Biology and Evidence for VBGs  
*Michael Bohl*
- 09.20 a.m. Pseudoarthrosis and Failed Fusion  
*Maziyar A. Kalani*
- 09.30 a.m. Free fibula to pelvis for spinoplastic reconstruction  
*Alexander F. Mericli*
- 09.40 a.m. Vascularized scapular graft reconstruction for En-block C1-2-3 resection  
*Alessandro Luzzati*
- 09.50 a.m. Vascularized femur for anterior column reconstruction  
*Marco Innocenti*
- 10.00 a.m. Panel Discussion and Q&A  
*Session Faculty*
- 10.30 a.m. Coffee Break

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**Moderators: Marco Innocenti, Edward M. Reece**

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- 11.00 a.m. Soft Tissue advances in spinoplastic reconstruction  
*David Brown*
- 11.10 a.m. Wound Complications in Spinal Fusion and Prevention Strategies  
*Alexander Ropper*
- 11.20 a.m. Soft Tissue Closure Cervical  
*Salvatore C. Lettieri*
- 11.30 a.m. Soft Tissue Closure Thoracolumbar  
*Carrie Chu*

Thursday | September 19<sup>th</sup>, 2024

- 11.40 a.m. Muscle Flaps for Posterior Spine Coverage  
*Scott L. Hansen*
- 11.50 a.m. Closure Strategies in Pelvic Surgery  
*Nicola Fabbri*
- 12.00 a.m. Soft Tissue Reconstruction for Posterior Midline Defect  
*Joon Pio Hong*
- 12.10 a.m. Keynote: Multidisciplinary Management of Sacral Reconstruction  
*Laurence D. Rhines*
- 12.35 a.m. Panel Discussion and Q&A
- 01.00 p.m. Lunch Break & Poster

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**Moderators: Stefano Boriani, Scott L. Levin**

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- 03.15 p.m. Difficult Spine Case: Cervical  
*Joey Grochmal*
- 03.25 p.m. Difficult Spine Case: Thoracic  
*David Xu*
- 03.35 p.m. Difficult Spine Case: Thoraco-Lumbar  
*Alessandro Gasbarrini*
- 03.45 p.m. Difficult Spine Case: Lumbar  
*Cyrus B King*
- 03.55 p.m. Difficult Spine Case: Sacral  
*Alanna M. Rebecca*
- 04.05 p.m. Keynote: Free Bone Grafting  
*Karim Bakri*
- 04.30 p.m. Panel Discussion and Q&A  
Session Faculty
- 05.00 p.m. Adjourn
- 05.30 p.m. Welcome Cocktail  
(Chiostro Vasari, Rizzoli Orthopaedic Institute)

Friday | September 20<sup>th</sup>, 2024**Moderators: Massimo Balsano, Francesco Mori****LIVE SURGERY\*\*****\*\*Surgery time and sessions below may vary\*\***

- 08.30 a.m.** How I do it: Iliac Crest VBG  
**Edward M. Reece**
- 08:40 a.m.** How I do it: Rib VBG  
**Sebastian Winocour**
- 08.50 a.m.** How I do it: Occipital and Scapular VBG  
**Edward M. Reece**
- 09.00 a.m.** Keynote: Reconstructing the Pelvis  
**Davide Maria Donati**
- 09.20 a.m.** Panel Discussion and Q&A  
Session Faculty
- 09.40 a.m.** *Coffee Break*
- 10.05 a.m.** Video Demonstration of Flaps and Closures Panel (TBD)
- 10.30 a.m.** The Spinoplastic Partnership – How We Did It  
**Edward M. Reece, Sebastian Winocour, Alexander Ropper**
- 11.00 a.m.** International Experience with Spinoplastics  
**Benny T. Dahl**
- 11.25 a.m.** Panel Discussion and Q&A  
Session Faculty
- 12.00 a.m.** *Lunch Break & Poster*

**Moderators: Nicola Fabbri, Chris Pederson**

- 12:50 p.m.** Case Discussion:  
**Stefano Boriani**
- 01.00 p.m.** Case Discussion:  
**Chetan Bettegowda**

Friday | September 20<sup>th</sup>, 2024

- 01.10 p.m.** Case Discussion:  
**Nicolas Dea**
- 01.20 p.m.** Case Discussion:  
**Ziya Gokaslan**
- 01.30 p.m.** Case Discussion:  
**Laurence Rhines**
- 01.40 p.m.** Case Discussion:  
**Thomas Mroz**
- 01.50 p.m.** Panel Discussion and Q&A  
Session Faculty
- 02.00 p.m.** Case Discussion (Submitted by Attendees)
- 02.30 p.m.** Closing remarks

## FACULTY

**Rebecca M. Alanna**, Mayo Clinic - Phoenix (USA)  
**Massimo Balsano**, University of Verona (Italy)  
**Karim Bakri**, Mayo Clinic - Rochester (USA)  
**Chetan Bettegowda**, John Hopkins Hospital - Baltimora (USA)  
**Michael Bohl**, Carolina Neurosurgery & Spine Associates - Charlotte (USA)  
**Stefano Boriani**, University of Bologna (Italy)  
**David Brown**, Duke University - Durham (USA)  
**Carrie Chu**, MD Anderson Cancer Center - Houston (USA)  
**Benny T. Dahl**, Texas Children Hospital - Houston (USA)  
**Nicolas Dea**, Vancouver General Hospital - Vancouver (Canada)  
**Davide Maria Donati**, Rizzoli Orthopaedic Institute - Bologna (Italy)  
**Nicola Fabbri**, NYU Langone, Grossman School of Medicine - New York (USA)  
**Cesare Faldini**, Rizzoli Orthopaedic Institute - Bologna (Italy)  
**Alessandro Gasbarrini**, Rizzoli Orthopaedic Institute - Bologna (Italy)  
**Ziya L. Gokaslan**, Brown University - Providence RI (USA)  
**Joey Grochmal**, Baylor College of Medicine - Houston (USA)  
**Scott L. Hansen**, University of California - San Francisco (USA)  
**Joon Pio Hong**, Asan Medical Center - Seoul (South Korea)  
**Marco Innocenti**, Rizzoli Orthopaedic Institute - Bologna (Italy)  
**Mazyar A. Kalani**, Mayo Clinic - Phoenix (USA)  
**Cyrus B. King**, Baylor College of Medicine - Houston (USA)  
**Salvatore C. Lettieri**, Mayo Clinic - Phoenix (USA)  
**Alessandro Luzzati**, IRCCS Galeazzi Orthopaedic Institute - Milano (Italy)  
**Alexander F. Mericli**, MD Anderson Center - Houston (USA)  
**Francesco Mori**, Rizzoli Orthopaedic Institute - Bologna (Italy)  
**Thomas Mroz**, Cleveland Clinic Foundation - Cleveland (USA)  
**Chris Pederson**, Baylor College of Medicine - Houston (USA)  
**Edward M. Reece**, Mayo Clinic - Phoenix (USA)  
**Laurence D. Rhines**, MD Anderson Center - Houston (USA)  
**Alexander Ropper**, Baylor College of Medicine - Houston (USA)  
**Scott L. Levin**, University of Pennsylvania - Philadelphia (USA)  
**Sebastian Winocour**, Baylor College of Medicine - Houston (USA)  
**David Xu**, Ohio State University Medical Center - Dublin Westerville (USA)

## SCIENTIFIC COORDINATORS

**Marco Innocenti**  
 Rizzoli Orthopaedic Institute, Bologna - Italy  
**Alessandro Gasbarrini**  
 Rizzoli Orthopaedic Institute, Bologna - Italy  
**Edward M. Reece**  
 Mayo Clinic, Phoenix, Arizona - USA  
**Alexander Ropper**  
 Baylor College of Medicine, Texas - USA  
**Sebastian Winocour**  
 Baylor College of Medicine, Texas - USA

## SCIENTIFIC SECRETARIAT

**Gisberto Evangelisti**  
 Rizzoli Orthopaedic Institute, Bologna - Italy  
**Riccardo Ghermandi**  
 Rizzoli Orthopaedic Institute, Bologna - Italy  
**Stefano Pasini**  
 Rizzoli Orthopaedic Institute, Bologna - Italy

## ORGANIZING SECRETARIAT



I&C srl

Via A. Costa, 202/6 - 40134 Bologna (Italy)

tel. +39 (0)51.614.4004

chiara.cilione@iec-srl.it;

roberta.loggini@iec-srl.it

web: www.iec-srl.it

## GENERAL INFORMATION

### COURSE VENUE

Rizzoli Orthopaedic Institute  
 Vasari Hall  
 Via Pupilli 1, Bologna - Italy  
[www.ior.it/en/curarsi-al-rizzoli/how-reach-us](http://www.ior.it/en/curarsi-al-rizzoli/how-reach-us)

### REGISTRATION FEE

#### EARLY BIRD/BEFORE JUNE 20TH

Physicians € 1.500 (VAT 22% included)  
 Trainees/Residents\*\* € 1.000 (VAT 22% included)

#### LATE REGISTRATION AND ON SITE/FROM JUNE 21TH

Physicians € 2.000 (VAT 22% included)  
 Trainees/Residents\*\* € 1.500 (VAT 22% included)

\*\* A certificate will be requested upon registration

The registration fee covers:

- Participation in all sessions of the Workshop
- Welcome Cocktail
- Coffee Breaks and Lunches
- Congress kit
- Certificate of attendance

### REGISTRATION

Online registration on: [www.leanevent.it/spino\\_reg/](http://www.leanevent.it/spino_reg/)

Places available: 70

### PAYMENT

- CREDIT CARD
- PAYPAL
- BANCOMAT OR BANK TRANSFER (ONSITE)

(The proforma invoice will be sent immediately at your email address)

### CANCELLATION

Cancellations must be communicated in writing via email to the Organizing Secretariat. For cancellations received before **July 31<sup>st</sup>**, the deposit paid will be refunded, net of agency fees (€ 30.00). After this term, no refund is foreseen. The refund will be made at the end of the Congress.

## GENERAL INFORMATION

### OFFICIAL LANGUAGE

English is the official language of the Course. Simultaneous translation is not provided.

### POSTER SUBMISSION

Abstracts are required for posters presentation. The Scientific Coordinators and Secretariat will select the best posters for presentation and will elect two prizes on the basis of the scientific content.

**CLICK HERE** for submission.

### HOUSING - SUGGESTED HOTELS

#### City center 2-5 km from the course venue:

**Hotel Internazionale\*\*\*\***  
[www.hotelinternazionalebologna.com](http://www.hotelinternazionalebologna.com)

**Hotel Metropolitan\*\*\*\***  
[www.hotelmetropolitan.com](http://www.hotelmetropolitan.com)

**I Portici Hotel\*\*\*\***  
[www.iportichotel.com](http://www.iportichotel.com)

**Zanhotel Tre Vecchi\*\*\*\***  
[www.zanhotel.it](http://www.zanhotel.it)

**Zanhotel Regina\*\*\***  
[www.zanhotel.it](http://www.zanhotel.it)

**Al Cappello Rosso\*\*\*\***  
[www.alcappellorosso.it](http://www.alcappellorosso.it)

**Art Hotel Commercianti\*\*\*\***  
[www.art-hotel-commercianti.com](http://www.art-hotel-commercianti.com)

**Art Hotel Novecento\*\*\*\***  
[www.arthotelnovecento.com](http://www.arthotelnovecento.com)

**Art Hotel Orologio\*\*\*\***  
[www.art-hotel-orologio.com](http://www.art-hotel-orologio.com)

**Hotel Corona D'Oro\*\*\*\*S**  
[www.hco.it](http://www.hco.it)

**Hotel Porta San Mamolo\*\*\*\***  
[www.hotel-portasanmamolo.it](http://www.hotel-portasanmamolo.it)

**Hotel Touring\*\*\*\***  
[www.hoteltouring.it](http://www.hoteltouring.it)

#### Railway Central Station nearby (200/500 m):

**Royal Hotel Carlton \*\*\*\***  
[www.royalhotelcarltonbologna.com](http://www.royalhotelcarltonbologna.com)

**Mercure Bologna Centro\*\*\*\***  
[www.all.accor.com](http://www.all.accor.com)

**NH De La Gare\*\*\*\***  
[www.nh-hotels.it](http://www.nh-hotels.it)

**Starhotels Excelsior\*\*\*\***  
[www.starhotels.com](http://www.starhotels.com)

**Unahotels Bologna Centro\*\*\*\***  
[www.gruppouna.it/unahotels/unahotels-bologna-centro](http://www.gruppouna.it/unahotels/unahotels-bologna-centro)

**Hotel Smy Bologna Centrale\*\*\*\***  
[www.smyhotels.com/it/smy-bologna](http://www.smyhotels.com/it/smy-bologna)  
[www.gruppouna.com](http://www.gruppouna.com)

**Zanhotel Europa\*\*\*\***  
[www.zanhotel.it/hotel-europa-bologna](http://www.zanhotel.it/hotel-europa-bologna)

**Millennium Hotel\*\*\*\***  
[www.millennhotelbologna.it](http://www.millennhotelbologna.it)

**Hotel Donatello\*\*\***  
[www.hoteldonatello.com](http://www.hoteldonatello.com)

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*on the cover: De humani corporis fabrica by Andrea Vesalio table (1514-1564), Rizzoli Library*