



**VIII EDITION**  
DECEMBER 6<sup>th</sup>-7<sup>th</sup>, 2024  
ROME-ITALY

# ROME INTERNATIONAL SHOULDER COURSE: THE EXPERTS QUESTION THEMSELVES

Chairman:  
**Stefano Gumina**



**SAPIENZA**  
UNIVERSITÀ DI ROMA



**SCIENTIFIC PROGRAM**



# FACULTY

## EUROPE

- Agostini Francesco**  
Italy
- Alta Tjarco**  
Netherlands
- Altarocca Alberto**  
Italy
- Annoni Matteo**  
Italy
- Ascani Claudio**  
Italy
- Benestante Paolo**  
Italy
- Bonifacio Marco**  
Italy
- Borroni Mario**  
Italy
- Brindisino Fabrizio**  
Italy
- Calvo Emilio**  
Spain
- Campagna Vincenzo**  
Italy
- Candela Vittorio**  
Italy
- Castagna Alessandro**  
Italy
- Cerulli Simona**  
Italy
- Chillemi Claudio**  
Italy
- Colonna Vincenzo**  
Italy
- Collin Philippe**  
France
- Conti Marco**  
Italy
- Cusolito Giovanni**  
Italy
- De Carli Angelo**  
Italy
- Del Vecchio Lorenzo**  
Italy
- Dettori Antonio**  
Italy
- Di Giacomo Giovanni**  
Italy
- Delaney Ruth**  
Ireland
- Di Sante Luca**  
Italy
- Ekelund Anders Lennart**  
Sweden
- Fiscaro Andrea**  
Italy
- Franceschetti Edoardo**  
Italy
- Franceschi Francesco**  
Italy
- Gallo Chiara**  
Italy
- Garofalo Raffaele**  
Italy
- Gerber Christian**  
Switzerland
- German Lawrence**  
Italy
- Gumina Stefano**  
Italy
- Hertel Ralph**  
Switzerland
- Hochreiter Bettina**  
Switzerland
- Inglese Francesco**  
Italy
- Iudicelli Giovanni**  
Italy
- Lafosse Laurent**  
France
- Lardo Diego**  
France
- Levy Ofer**  
UK/Israel
- Lucchetti Dario**  
Italy
- Luciani Piergiorgio**  
Italy
- Luciani Pierluigi**  
Italy
- Macri Marco**  
Italy
- Maffulli Nicola**  
Italy
- Maiotti Marco**  
Italy
- Maremmani Daniele**  
Italy
- Mantovani Matteo**  
Italy
- Masmejean Emmanuel**  
France
- Milano Giuseppe**  
Italy
- Moroder Philippe**  
Switzerland
- Nicoletti Simone**  
Italy
- Paladini Paolo**  
Italy
- Paoloni Marco**  
Italy
- Parisi Filippo**  
Italy
- Parolin Mauro**  
Italy
- Porcellini Giuseppe**  
Italy
- Rosati Giorgio**  
Italy
- Russo Raffaele**  
Italy
- Saccomanno Maria Stella**  
Italy
- Salomon Mattia**  
Italy
- Savina Alessio**  
Italy
- Severini Gabriele**  
Italy
- Silvestri Elena**  
Italy
- Taverna Ettore**  
Italy
- Tonozzi Enrico**  
Italy
- Tudisco Cosimo**  
Italy
- Umile Longo Giuseppe**  
Italy
- Verborgt Olivier**  
Belgium
- Werthel Jean David**  
France
- Zumstein Matthias**  
Switzerland





# FACULTY

## US-CANADA

**Abrams Jeffrey**  
USA

**Athwal George**  
Canada

**Cordasco Frank Anthony**  
USA

**Flatow Evan**  
USA

**Frankle Mark Alan**  
USA

**Iannotti Joseph**  
USA

**Indelli Pier Francesco**  
USA

**Koh Jason**  
USA

**Krishnan Butch Sumant**  
USA

**Levine William Noah**  
USA

**Mazzocca Augustus**  
USA

**Ricchetti Eric**  
USA

**Sanchez -Sotelo Joaquin**  
USA

## ASIA-OCEANIA-WESTERN ASIA

**Al Thani Saeed**  
UAE

**Ball Craig**  
New Zealand

**Chidambaram Ram**  
India

**El-Sayed Hany**  
Egypt

**Jae Chul Yoo**  
South Korea

**Jiang Chun Yan**  
China

**Maqdes Ali**  
Kuwait

**Morsy Mohamed Gamal**  
Egypt

**Noh Kyu-Cheol**  
South Korea

**Oh Joo Han**  
South Korea

**Park Hyung Bin**  
South Korea

**Park Jin-Young**  
South Korea

**Peter Poon**  
New Zealand

**Sae Hoon Kim**  
South Korea

**Saleh Usama H.**  
UAE

**Shin Sang-Jin**  
South Korea

**Song Hyun Seok**  
South Korea

**Yang Soo Kim**  
South Korea

## CENTRAL-SOUTH AMERICA

**Guevara Alvarez Alberto**  
Mexico

**Moya Daniel**  
Argentina

**Rivera Rosado Alberto**  
Puerto Rico





# TIMETABLE

FRIDAY-DECEMBER 6 <sup>th</sup> , 2024				
	PLENARY ROOM-FERNANDEZ	SFORZA D Room	SFORZA E Room	MEDICI Room
07.10-08.10 am		ICL 1	ICL 2	ICL 3
08.15-09.00 am	<b>ROTATOR CUFF TEAR</b> Presentations, Lecture, Round table	<b>SHOULDER REHABILITATION:            WHAT THE EXPERTS SAY            II Edition</b>		
09.00-10.30 am				
10.30-11.00 am	BREAK			
11.00-12.45 pm	<b>ROTATOR CUFF TEAR</b> Presentations, Lecture, Round table	<b>SHOULDER REHABILITATION:            WHAT THE EXPERTS SAY            II Edition</b>		
12.45-01.00 pm				
01.00-02.00 pm		LUNCH SYMPOSIUM STRYKER	SYMPOSIUM RELIEVE SHOULDER ARTHROPLASY	LUNCH SYMPOSIUM ARTREX
02.00-02.10 pm	<b>SHOULDER INSTABILITY</b> Presentations, Lecture and Round table	<b>SHOULDER REHABILITATION:            WHAT THE EXPERTS SAY            II Edition</b>		
02.15-05.00 pm				
05.00-05.25 pm				





# TIMETABLE

SATURDAY-DECEMBER 7 <sup>th</sup> , 2024				
	PLENARY ROOM-FERNANDEZ	SFORZA D Room	SFORZA E Room	MEDICI Room
07.10-08.10 am		ICL 4	ICL 5	ICL 6
08.20-08.30 am	<b>SHOULDER ARTHROPLASTY AND COMPLEX REVISION</b> Presentations, Lecture, Round table	<b>SHOULDER REHABILITATION: WHAT THE EXPERTS SAY II Edition</b>	<b>SHOULDER ULTRASOUND COURSE</b>	
08.30-09.00 am				
09.00-10.30 am				
10.35-11.05 am	BREAK			
11.05-12.00 am	<b>SHOULDER ARTHROPLASTY AND COMPLEX REVISION CASES</b> Presentations, Lecture, Round table	<b>SHOULDER REHABILITATION: WHAT THE EXPERTS SAY II Edition</b>	<b>SHOULDER ULTRASOUND COURSE</b>	
12.00-12.30 am				
12.30-12.40 pm				
12.40-01.00 pm				
01.00-02.00 pm		LUNCH SYMPOSIUM MEDACTA	SYMPOSIUM BIOCOMPOSITE-UBER ROS	
02.00-02.10 pm	<b>COMPLEX HUMERAL FRACTURES</b> and Round table	<b>SHOULDER REHABILITATION: WHAT THE EXPERTS SAY II Edition</b>		
02.15-04.00 pm				
04.00-05.00 pm				





## **ICLs 1**

**07:10-08:10 SFORZA D ROOM**

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### **WHY DO WE DO SO MANY PRIMARY TRSA**

**Chairman: Joseph Iannotti**

07:10-07:20

What are the current indications for an anatomic TSA and are the results better than reverse TSA for the same indications?  
What would you have done for your shoulder if you needed a total shoulder replacement?

**Eric Ricchetti**

07:20-07:30

What are the current indications for a reverse TSA in an active patient with an intact rotator cuff under the age of 70?  
What is an anatomic reverse TSA? What would you have done for your arthritic shoulder replacement with an intact rotator cuff?

**Mark Alan Frankle**

07:30-07:40

What are the reasons that primary reverse TSA in patients with an intact rotator cuff has become the operation of choice for so many surgeons? What is the limit of glenoid bone loss when an anatomic TSA is still indicated? Is a partial single tendon rotator cuff tear on MRI in a 70+ year old patient an indication for a reverse TSA?

**Christian Gerber**

07:40-08:10

Discussion





# SCIENTIFIC PROGRAM FRIDAY-DECEMBER 6<sup>th</sup>, 2024

## ICLs 2

### 07:10-08:10 SFORZA E ROOM

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#### **REVISION SHOULDER ARTHROPLASTY: PEARLS AND PITFALLS FROM AN INTERNATIONAL PERSPECTIVE**

**Chairman: Sumant Krishnan**

- 07:10-07:18 Clinical Evaluation and Etiologies: Why Do Implants Fail?  
**Stefano Gumina, Vittorio Candela**
- 07:18-07:26 Implant "Explantation": Tips for Success  
**Raffaele Garofalo**
- 07:26-07:34 Humeral Reconstruction: Metal, Bone, and More  
**Anders Ekelund**
- 07:34-07:42 Glenoid Reconstruction: Metal, Bone, and More  
**Sumant Krishnan**
- 07:42-07:50 Infected Implants: What To Do and When  
**Phillipe Collin**
- 07:50-08:10 Discussion

## ICLs 3

### 07:10-08:10 MEDICI ROOM

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#### **OPERATIVE APPROACHES FOR COMPLEX PROXIMAL HUMERAL FRACTURES: STATE OF ART IN 2025**

**Chairman: Evan Flatow**

- 07:10-07:18 IM nails are a strong contender  
**Jin Young Park**
- 07:18-07:26 Solid and proven-plates are perfect  
**Chun Yan Jiang**
- 07:26-07:34 Do the arthroplasty first, not after failed ORIF!  
**Alessandro Castagna**
- 07:34-08:10 Discussion





# SCIENTIFIC PROGRAM FRIDAY-DECEMBER 6<sup>th</sup>, 2024

## PLENARY FERNANDEZ ROOM

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08:15-8:20 Welcome from the Chairman  
**Stefano Gumina**

## SESSION 1: ROTATOR CUFF TEAR

Lecture (7 minutes) followed by experts' discussion (13 minutes)

08:20-08:40 Risk Factors for Subscapularis Tendon Tears: Differences Between Isolated Subscapularis Tears and Combined Posterosuperior Tears  
**Hyung Bin Park**

Experts' discussion  
**Frank Anthony Cordasco, Ali Maqdes, Hyung Bin Park, Olivier Verborgt**

08:40-09:00 Anterior cable reconstruction in large retracted anterior rotator cuff tear  
**Sang-Jin Shin**

Experts' discussion  
**Augustus Mazzocca, Mohamed Gamal Morsy, Paolo Paladini, Sang-Jin Shin**

## 09:00-09:30 ROUND TABLE 1: ROTATOR CUFF HEALING

2 Lectures (7 minutes) followed by experts' discussion (26 minutes)

09:00-09:07 ROHI: New predictive score of RC healing  
**Joo Han Oh**

09:07-09:14 Rotator cuff healing: How is it measured and what are the clinical outcomes of healing vs not healing  
**Joseph Iannotti**

Experts' discussion  
**Craig Ball, Ruth Delaney, Joseph Iannotti, Joo Han Oh, Matthias Zumstein**







# SCIENTIFIC PROGRAM FRIDAY-DECEMBER 6<sup>th</sup>, 2024

## PLENARY FERNANDEZ ROOM

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### SESSION 1: ROTATOR CUFF TEAR

09:30-09:40      LECTIO MAGISTRALIS Biological strategies to enhance surgical treatment for rotator cuff repair: my current practice  
**Usama H. Saleh**

**09:40-10:20      ROUND TABLE 2: ROTATOR CUFF AUGMENTATION**  
1 Lecture followed by experts' discussion (33 minutes)

09:40-09:47      Massive Rotator Cuff Repairs With and Without Augmentation:  
Functional Return and meeting patient expectation  
**Jeffrey Abrams**

Experts' discussion  
**Jeffrey Abrams, George Athwal, Alberto Rivera Rosado, Usama H. Saleh,  
Nicola Maffulli**

10:20-10:30      LECTIO MAGISTRALIS Rotator Cuff: an intriguing challenge  
**Alessandro Castagna**

**10:30-11:00      BREAK**

11:00-11:20      Massive RCT: What to repair, what to replace?  
**Emilio Calvo**

Experts' discussion  
**Emilio Calvo, William Noah Levine, Hyung Seok Song, Ettore Taverna**

11:20-11:30      LECTIO MAGISTRALIS Causes responsible for rotator cuff re-tear  
**Stefano Gumina**

11:30-11:50      Are we replacing to arthroplasty too much instead of repairing in older age?  
**Jae Chul Yoo**

Experts' discussion  
**Philippe Collin, Jae Chul Yoo, Giuseppe Umile Longo, Daniel Moya**





**PLENARY FERNANDEZ ROOM**

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**SESSION 1: ROTATOR CUFF TEAR**

- 11:50-13:00**      **ROUND TABLE 3: THE BICEPS LOVER GUYS**  
3 Lectures (7 minutes) followed by experts' discussion (19 minutes)
- 11:50-11:57      Biceps as a primary graft in developing countries  
**Alberto Guevara Alvares**
- 11:57-12:04      Suture bridge repair reinforced by biceps rerouting in large to massive rotator cuff tear  
**Jin Young Park**
- 12:04-12:30      Biceps Rerouting and Acromiografraft  
**Kim Yang Soo**  
Experts' discussion  
**Claudio Chillemi, Alberto Guevara Alvares, Kim Yang Soo, Eric Ricchetti, Maristella Saccomanno**
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- 12:30-12:50      Lower Trapezius and Latissimus Dorsi Transfer relieve Teres Minor Activity into the Physiological Range  
**Matthias Zumstein**  
Experts' discussion  
**Evan Lloyd Flatow, Hany El Sayed, Jae Chul Yoo, Matthias Zumstein**
- 12:50-13:00      LECTIO MAGISTRALIS Clinical and structural outcome 20 years after repair of massive rotator cuff tears  
**Philippe Collin**
- 13:00-14:00**      **BREAK**





# SCIENTIFIC PROGRAM FRIDAY-DECEMBER 6<sup>th</sup>, 2024

## SFORZA D ROOM

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### Lunch Symposium STRYKER

- 13:00-14:00**      **CASE DISCUSSIONS AND INNOVATION ACROSS THE SPECTRUM OF SHOULDER SURGERY (NO ECM)**  
**Chairmen: Emilio Calvo, Paolo Paladini**
- 13:00-13:05      Welcome & Introduction
- 13:05-13:15      SCR for massive tear lesions with autologous graft  
**Claudio Chillemi**
- 13:15-13:25      InSpace™ system implantation in subjects with full thickness massive rotator cuff tear (MRCT)  
**Emilio Calvo**
- 13:25-13:35      The value of BluePrint in my practice  
**Paolo Paladini**
- 13:35-13:45      My experience in revision cases with Blueprint  
**George Athwal**
- 13:45-14:00      Q&A All Faculty

## MEDICI ROOM

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### Lunch Symposium ARTHREX

- 13:00-14:00**      **BIOLOGIC AUGMENTATION IN ROTATOR CUFF: MYTH OR GOLD STANDARD?**  
**Chairman: Philippe Moroder**
- 13:00-13:20      Autograft Rotator Cuff Augmentation is the Way to Go  
**Maristella Saccomanno**
- 13:20-13:40      US Way of Rotator Cuff Augmentation  
**Augustus Mazzocca**
- 13:40-14:00      Wrap up Case Discussion  
**Philippe Moroder**





## SFORZA E ROOM

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### Symposium RELIVE SHOULDER ARTHROPLASTY

- 13:00-13:10 Surgery by **Joaquin Sanchez-Sotelo**
- 13:10-13:20 Surgery by **Peter Poon**
- 13:20-13:30 Surgery by **Jiang Chun Yan**
- 13:30-14:00 Experts' discussion  
**Mario Borroni, Vittorio Candela, Peter Poon, Sang-Jin Shin, Joaquin Sanchez-Sotelo, Jiang Chun Yan**

## PLENARY FERNANDEZ ROOM

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### SESSION 2: SHOULDER INSTABILITY

Lecture (7 minuts) followed by experts' discussion (13 minuts)

- 14:00-14:20 Where are we in 2024 with the management of first-time dislocations of the glenohumeral joint in athletes from 14 to 20 years of age?  
**Frank Anthony Cordasco**
- Experts' discussion  
**Tjarco Alta, Frank Anthony Cordasco, Jean David Werthel**
- 14:20-14:40 Anterior Instability is a midrange issue. Why does it matter?  
**Ralph Hertel**
- Experts' discussion  
**Alessandro Castagna, Ralph Hertel, Joseph Iannotti**
- 14:40-14:50 LECTIO MAGISTRALIS Open Bankart: why is it still valid?  
**Daniel Moya**





## PLENARY FERNANDEZ ROOM

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### SESSION 2: SHOULDER INSTABILITY

- 14:50-16:30**      **ROUND TABLE 4: "LATARJET: FROM HEAVEN TO HELL"**  
3 Lectures (7 minutes) followed by experts' discussion (19 minutes)
- 14:50-14:57      Anterior instability with subcritical bone loss in contact athletes  
**Ruth Delaney**
- 14:57-15:14      Bone loss and instability-why I don't do Latarjet anymore  
**William Noah Levine**
- 15:14-15:30      What if Latarjet fails?  
**Emilio Calvo**  
  
Experts' discussion  
**Jeffrey Abrams, Emilio Calvo, Ruth Delaney, William Noah Levine, Marco Maiotti, Raffaele Russo**
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- 15:30-15:50      LECTIO MAGISTRALIS What I have learned about shoulder instability  
**Laurent Lafosse (virtual live)**  
  
Experts' discussion  
**Emilio Calvo, Laurent Lafosse**
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- 15:50-16:20      "THE GIANTS QUESTION THEMSELVES"  
Questions asked to each other by two GIANTS of shoulder surgery after more than 30 years of practice (Shoulder Instability)  
**Anders Lennart Ekelund, Evan Lloyd Flatow**
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- 16:20-16:40      Acromioclavicular anatomy and biomechanics: how these effects operative and nonoperative treatment  
**Augustus Mazzocca**  
  
Experts' discussion  
**Saeed Al Thani, Vincenzo Campagna, Ram Chidambaram, Augustus Mazzocca**





## PLENARY FERNANDEZ ROOM

### SESSION 2: SHOULDER INSTABILITY

16:40-17:20

#### ROUND TABLE 5: "POSTERIOR SHOULDER INSTABILITY: FROM STATIC TO DYNAMIC"

2 Lectures (7 minutes) followed by experts' discussion (26 minutes)

16:40-16:47

Static posterior instability and decentering, where does it come from and how can we treat it?

**Philippe Moroder**

16:47-16:54

Posterior instability: what does the acromion have to do with it?

**Bettina Hochreiter**

Experts' discussion

**Bettina Hochreiter, Raffaele Garofalo, Philippe Moroder, Hyun Seok Song, Jean David Werrthel**

END OF THE DAY





# SCIENTIFIC PROGRAM

## SATURDAY-DECEMBER 7<sup>th</sup>, 2024

### ICLs 4

#### 07:10-08:10 SFORZA D ROOM

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##### **SHOULDER INSTABILITY 2.0**

**Chairmen: Giovanni Di Giacomo, Philippe Moroder**

- 07:10-07:18 Muscular re-education to avoid the scalpel  
**Philippe Moroder**
- 07:18-07:26 Next level image analysis for surgical planning  
**Giovanni Di Giacomo**
- 07:26-07:34 Tips and Tricks for execution of an arthroscopic Bankart with remplissage  
**Augustus Mazzocca**
- 07:34-07:42 (Not) all bone grafting techniques are the same  
**Emilio Calvo**
- 07:42-08:10 Discussion

### ICLs 5

#### 07:10-08:10 SFORZA E ROOM

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##### **ENABLING TECHNOLOGIES: CAN THEY MAKE SURGEONS BETTER?**

**Chairman: George Athwal**

- 07:10-07:17 Robotics  
**Olivier Verborgt**
- 07:17-07:24 Mixed and Reality  
**Matthias Zumstein**
- 07:24-07:31 Optical Navigation  
**Craig Ball**
- 07:31-07:38 Patient specific guides  
**Jean David Werthel**
- 07:38-07:45 Patient Matched Implants  
**William Noah Levine**
- 07:45-07:52 Artificial Intelligence  
**Alberto Rivera Rosado**
- 07:52-08:10 Discussion





## ICLs 6

07:10-08:10 **MEDICI ROOM**

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### **PREVALENCE SUBSCAPULARIS TEAR AND FACTOR AFFECTING OUTCOME IN SUBS**

**Chairman: Jae Chul Yoo, Giuseppe Milano**

- 07:10-07:20 Subscapularis ABC (Essential Anatomy, Biomechanics and Classification)  
**Tjarco Alta**
- 07:20-07:30 Prevalence SBC tear and factor affecting outcome in subscapularis repair  
**Giuseppe Milano**
- 07:30-07:40 Partial SBC tear its diagnosis and treatment  
**Kyu-Cheol Noh**
- 07:40-07:50 Full thickness and large SBC tear arthroscopic repair approach and findings  
**Jae Chul Yoo**
- 07:50-08:00 Current augmentation options for large subscapularis tendon tear and repair  
**Eric Ricchetti**
- 08:00-08:10 Discussion







# SCIENTIFIC PROGRAM

## SATURDAY-DECEMBER 7<sup>th</sup>, 2024

### PLENARY FERNANDEZ ROOM

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## SESSION 3: AROUND THE SHOULDER

Lectures (7 minutes)

08:20-08:40

Neurological complications in shoulder surgery

**Emmanuel Masmajeán**

Experts' discussion

**Emmanuel Masmajeán, Daniel Moya, Joo Han Oh**

08:40-09:00

Scapulothoracic Abnormal Motion: clinical examination and management

**Jean David Werthel**

Experts' discussion

**Jean David Werthel, Philippe Moroder, Paolo Paladini**

### PLENARY FERNANDEZ ROOM

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## SESSION 4: SHOULDER ARTHROPLASTY

09:00-09:25

**SHOULDER ARTHROPLASTY. WHERE THE NEXT SEARCHES WILL BE DIRECTED**

3 Lectures (7 minutes) followed by experts' comment (4 minutes)

09:00-09:07

The thought of an American surgeon

**Mark Alan Frankle**

09:07-09:14

The thought of a European surgeon

**Anders Lennart Ekelund**

09:14-09:21

The thought of an Asian surgeon

**Kyu-Cheol Noh**

Experts' discussion

**Christian Gerber**

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09:25-09:45

Shoulder arthroplasty: less is more!

**Ofer Levy**

Experts' discussion

**Angelo De Carli, Alberto Guevara Alvarez, Ofer Levy**





# SCIENTIFIC PROGRAM

## SATURDAY-DECEMBER 7<sup>th</sup>, 2024

09:45-10:05 Why I like having both inset and onlay reverse tray options  
**Evan Lloyd Flatow**

Experts' discussion  
**Claudio Ascani, Evan Lloyd Flatow, Ralph Hertel**

10:05-10:25 Interview: Internal rotation after RSA  
**Interviewer: Philippe Collin**

Experts' discussion  
**Christian Gerber, Mark Alan Frankle**

10:25-10:35 LECTIO MAGISTRALIS Discovery and Leadership: A pathway for innovation  
**Joseph Iannotti**

**10:35-11:05 BREAK**

### PLENARY FERNANDEZ ROOM

## SESSION 4: SHOULDER ARTHROPLASTY

**11:05-12:05 ROUND TABLE 6 "GUEST NATION": THE CONTRIBUTION OF SOUTH KOREA IN SHOULDER SURGERY**

**Chairmen: Hyung Bin Park, Jae Chul Yoo**

11:05-11:15 Intro of KSES history  
**Jin-Young Park**

11:15-11:25 Current KSES status and vision  
**Kyu-Cheoul Noh**

11:25-11:35 Pitfalls of the computer assisted shoulder arthroplasty  
**Hyun Seok Song**

11:35-11:45 Novel way to address glenoid bone loss in instability: Partial Glenoid Arthroplasty  
**Sae Hoon Kim**

11:45-12:05 Panel discussion:  
**Hyung Bin Park, Jae Chul Yoo, Kyu-Cheoul Noh, Hyun Seok Song, Sae Hoon Kim, Jin-Young Park, Yang Soo Kim, Sang-Jin Shin, Joo Han Oh**





## SCIENTIFIC PROGRAM SATURDAY-DECEMBER 7<sup>th</sup>, 2024

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12:05-12:35      **Shoulder Arthroplasty "The Giants question themselves"**  
Questions asked to each other by two GIANTS of shoulder surgery after more than 30 years of practice  
**Christian Gerber, Joseph Iannotti**

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12:35-13:00      **Biomaterial Science and Clinical Application for Patient-Specific Arthroplasty**  
**Sumant Krishnan**  
Experts' discussion  
**Craig Ball, Francesco Franceschi, Sumant Krishnan**

**13:00-14:00      BREAK**

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### SFORZA D-E ROOM

## Lunch Symposium MEDACTA

**13:00-14:00      MASTERING RSA: STRATEGIES FOR SUCCESS!**  
**Chairman: Stefano Gumina**

13:00-13:10      Streamlined surgical execution: translating preoperative plans to the O.R. with precision  
**Matthias Zumstein**

13:10-13:20      How to plan the best RSA for your patient  
**Alessandro Castagna**

13:20-13:30      Critical insights to perfect the surgical experience: strategical and tactical planning  
**Ralph Hertel**

13:30-14:00      Experts' discussion  
**Alessandro Castagna, Stefano Gumina, Ralph Hertel, Matthias Zumstein**





## **MEDICI ROOM**

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### **Symposium BIOCOMPOSITES/UBER ROS**

- 13:00-14:00**      **PERIPROSTHETIC SHOULDER INFECTIONS: FROM PREVENTION TO TREATMENT**  
**Chairman: Pier Francesco Indelli**
- 13:00-13:15      Intraoperative prevention: surgical helmets  
**Giorgio Rosati**
- 13:15-13:30      Prevention and treatment of acute Periprosthetic Shoulder Infection with local antibiotic carrier  
**Simone Nicoletti**
- 13:30 -13:45      Single stage revision of infected total shoulder replacements  
**Ofer Levy**
- 13:45-14:00      Discussion

## **PLENARY FERNANDEZ ROOM**

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### **SESSION 4: SHOULDER ARTHROPLASTY**

- 14:00-14:40**      **ROUND TABLE 7 "ABOUT ANATOMIC TSA"**  
3 Lectures (7 minutes) followed by discussion (19 minutes)
- 14:00-14:07      TSA with augments  
**George Athwal**
- 14:07-14:14      Glenoid component loosening in anatomic total shoulder arthroplasty  
**Eric Ricchetti**
- 14:14-14:40      Computer Navigation in TSA results in better patient outcomes and fewer complications  
**Craig Ball**  
Experts' discussion  
**George Athwal, Craig Ball, Raffaele Garofalo, Sumant Krishnan, Eric Ricchetti, Jae Chul Yoo**
- 
- 14:40-15:00      Interview: "Five embarrassing questions on anatomic TSA"  
**Interviewer: Mario Borroni**  
Experts' discussion  
**Tjarco Alta, William Noah Levine, Noh Kyu-Cheol, Jason Koh**





## SCIENTIFIC PROGRAM SATURDAY-DECEMBER 7<sup>th</sup>, 2024

- 15:00-15:20 Bone preserving glenoid reaming in reverse shoulder arthroplasty  
**Ali Maqdes**  
Experts' discussion  
**Ali Maqdes, Mohamed Gamal Morsy, Alberto Rivera Rosado**
- 15:20-15:40 MR-Navigated Glenoid Replacement in Reverse Shoulder.  
**Ram Chidambaram**  
Experts' discussion  
**Ram Chidambaram, Giovanni Di Giacomo, Jason Koh**
- 15:40-16:00 Metal augmented glenoid in primary and revision reverse shoulder arthroplasty.  
**Raffaele Russo**  
Experts' discussion  
**Philippe Collin, Mark Alan Frankle, Sumant Krishnan, Raffaele Russo**
- 16:00-16:20 Reverse shoulder prosthesis in complex humeral head fractures: the unsolved problem of prosthesis height  
**Jason Koh**  
Experts' discussion  
**Jason Koh, Sang-Jin Shin, Cosimo Tudisco**

### PLENARY FERNANDEZ ROOM

## SESSION 4: SHOULDER ARTHROPLASTY

- 16:20-16:40 The applied technology: robotics, mixed reality, optical navigation, patient specific instrumentation  
**Philippe Collin**  
Experts' discussion  
**George Athwal, Philippe Collin, Giuseppe Milano, Alberto Rivera Rosado**
- 16:40-17:00 Stemless Shoulder Arthroplasty: fashion or future?  
**Saeed Al Thani**  
Experts' discussion  
**Saeed Al Thani, Evan Lloyd Flatow, Daniel Moya, Paolo Paladini**

End of the Day-See you in 2026!





# SCIENTIFIC PROGRAM FRIDAY-DECEMBER 6<sup>th</sup>, 2024

**09:00-17:45 SFORZA D-E ROOM**

## SHOULDER REHABILITATION COURSE

09:00-09:05 Welcome from the Chairman  
**Stefano Gumina, Filippo Parisi**

### **SESSION 1**

#### **CUFF TENDINOPATHY COMPLICATIONS: FROZEN SHOULDER**

Chairmen: **Mario Borroni, Mattia Salomon**

#### **FRONTAL SESSION**

09:05-09:15 What we need to know if we have a secondary frozen shoulder? (state of the art)  
**Usama H. Saleh**

09:15-09:25 Are Infiltrations needed and can they be dangerous?  
**Maristella Saccomanno**

09:25-09:40 Patient Management: Which is the correct assessment and treatment?  
**Fabrizio Brindisino**

#### **HANDS ON SESSION: ULTRASOUND & REHABILITATION**

Chairman: **Elena Silvestri**

09:40-10:10 Clinical case with the expert: assessment and treatment  
**Francesco Agostini, Fabrizio Brindisino**

#### **THE EXPERTS QUESTION THEMSELVES**

Chairman: **Elena Silvestri**

10:10-10:30 Clinical case with the expert: assessment and treatment  
**Fabrizio Brindisino, Francesco Inglesse**

**10:30-11:00 BREAK**





# SCIENTIFIC PROGRAM

## FRIDAY-DECEMBER 6<sup>th</sup>, 2024

### SESSION 2

#### CUFF TENDINOPATHY COMPLICATIONS: CALCIFIC TENDINOPATHY

Chairmen: Fabrizio Brindisino, Alessandro Castagna

##### FRONTAL SESSION

- 11:00-11:15 What do we need to know about the calcific tendinopathy  
**Mariastella Saccomanno**
- 11:15-11:25 Conservative approach. What can we use?  
**Vittorio Candela**
- 11:25-11:35 When do we need surgery, and which are the expectations during time?  
**Saeed Al Thani**
- 11:35-11:50 When is rehabilitation indicated and which is the strategy?  
**Matteo Annoni, Enrico Tonozzi**

#### HANDS ON SESSION: ULTRASOUND & REHABILITATION

Chairman: Marco Paoloni

- 11:50-12:15 Focused shockwave treatment for calcific tendinopathy of the shoulder  
**Francesco Agostini**

#### THE EXPERTS QUESTION THEMSELVES

Chairmen: Marco Paoloni, Filippo Parisi

- 12:15-12:45 Roundtable: The truth on Physical Therapies  
**Matteo Annoni, Marco Bonifacio, Simona Cerulli, Dario Lucchetti, Gabriele Severini**

### 12:45-14:00 BREAK

### SESSION 3

#### POSTERIOR SHOULDER INSTABILITY

Chairmen: Maristella Saccomanno, Enrico Tonozzi

- 14:10-14:25 What we need to know to treat a posterior shoulder instability (State of the art)  
**Philippe Moroder**
- 14:25-14:40 Surgical solution: what does the therapist need to know  
**Ali Maqdes**
- 14:40-14:55 The shoulder clinical evaluation algorithm  
**Francesco Inglese**
- 14:55-15:10 Instability assessment: information we look for and what tools and devices shall we use?  
**Chiara Gallo**





# SCIENTIFIC PROGRAM

## FRIDAY-DECEMBER 6<sup>th</sup>, 2024

### **HANDS ON SESSION**

- 15:10-15:25 The Show Motion- practical clinical case evaluation  
**Elena Silvestri**
- 15:25-15:40 Shoulder Pacemaker – Practical live challenge  
**Matteo Mantovani, Chiara Gallo**

### **THE EXPERTS QUESTION THEMSELVES**

**Chairman: Chiara Gallo**

- 15:40-16:00 5 Best exercises in Posterior Shoulder Instability  
**Francesco Inglese**

### **SESSION 4**

#### **ANTERIOR SHOULDER INSTABILITY**

**Chairmen: Francesco Inglese, Elena Silvestri**

#### **FRONTAL SESSION**

- 16:00-16:15 Anterior Instability State of the Art-What does the therapist need to know  
**Francesco Franceschi**
- 16:15-16:30 First episode in young athletes-a Teamwork approach  
**Paolo Paladini**
- 16:30-16:40 Biomechanics of Shoulder Anterior Instability  
**Elena Silvestri**
- 16:40-16:55 Rehabilitation Tips & Tricks in Anterior Shoulder Instability  
**Mattia Salomon**

### **HANDS ON SESSION**

**Chairman: Paolo Paladini**

- 16:55-17:10 Isokinetic evaluation and treatment in Shoulder Instability-EBM approach  
**Mauro Parolin**

### **THE EXPERTS QUESTION THEMSELVES**

**Chairman: Enrico Tonozzi**

- 17:10-17:25 5 best exercises in Anterior Shoulder Instability  
**Mattia Salomon**







**09:00-16:00 SFORZA D-E ROOM**

## **SHOULDER REHABILITATION COURSE**

### **SESSION 5**

#### **SHOULDER REPLACEMENT IN REHAB KEYVIEW**

**Chairmen: Fabrizio Brindisino, Giuseppe Milano**

#### **FRONTAL SESSION**

- 09:00-09:15 Indications for Total Shoulder Replacement  
**Raffaele Russo**
- 09:15-09:25 Indications for Reverse Shoulder Replacement  
**Giuseppe Porcellini**
- 09:25-09:35 Shoulder Reverse Arthroplasty for Fracture Management  
**Mohamed Gamal Morsy**
- 09:35-09:45 3 Complications to know about Shoulder Replacement: Instability, Fractures, Neurological damages  
**Edoardo Franceschetti**
- 09:45-10:00 Shoulder Replacement Rehabilitation: EBM approach  
**Elena Silvestri**

#### **HANDS ON SESSION**

**Chairmen: Chiara Gallo, Elena Silvestri**

- 10:00-10:15 3 BEST exercises for Total Shoulder Replacement  
**Enrico Tonozzi**
- 10:15-10:30 3 BEST exercises for Reverse Shoulder Replacement  
**Lawrence German**

**10:30-11:00 BREAK**





# SCIENTIFIC PROGRAM

## SATURDAY-DECEMBER 7<sup>th</sup>, 2024

### SESSION 6

#### RETURN TO PLAY Following SURGERY

Chairmen: **Giovanni Di Giacomo, Piergiorgio Luciani**

#### FRONTAL SESSION

- 11:00-11:15 Is a Return to Play possible after shoulder replacement? State of the art  
**George Athwal, Mark Frankle**
- 11:15-11:30 Return to play in Rotator Cuff Tears: guidelines for the Physio  
**Francesco Franceschi**
- 11:30-11:45 Return to play in Postsurgical Shoulder Instability: guidelines for the Physio  
**Angelo De Carli**
- 11:45-12:00 Cultural overlap Surgeon- physio- Trainer: Assessment criteria for RTP  
**Chiara Gallo**

#### THE EXPERTS QUESTION THEMSELVES

Chairman: **Filippo Parisi, Giuseppe Porcellini**

- 12:00-12:20 Round table: How to manage a TOP PLAYER patient  
**Mario Borroni, Angelo De Carli, Giovanni Di Giacomo, Piergiorgio Luciani, Marco Macri, Daniele Maremmani**

**12:20-14:00**

#### BREAK

#### HANDS ON SESSION – RETURN TO PLAY FUTURE

Chairmen: **Filippo Parisi, Enrico Tonozzi**

- 14:10-14:30 Total Body Biomechanic evaluation  
**Massimiliano Febbi**
- 14:30-14:50 Muscular Vibratory Energy in Shoulder Instability  
**Lawrence German, Daniele Maremmani**
- 14:50-15:10 Crio Ultrasound in LHB pathology  
**Marco Bonifacio, Dario Lucchetti**
- 15:10-15:30 Whole Body Electromyostimulation in Return to Play, when and how  
**Paolo Benestante**
- 15:30-15:50 BIA and Ultrasound in Return To Play  
**Marco Macri**
- 15:50-16:10 New Tools in Return to Play, a teamwork approach  
**Antonio Dettori, Chiara Gallo**





**MEDICI Room**

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**SHOULDER ULTRASOUND COURSE**

**08:30-12:30      HOW TO DIAGNOSE AND TREAT A PAINFUL SHOULDER**

**SESSION 1**

- 08:30-09:00      Ultrasound anatomy of the shoulder joint. Everything you have to know!  
**Diego Antonio Lardo**
- 09:00-09:30      How the ultrasound helps me in the diagnose of a painful shoulder: rotator cuff pathology and calcific tendinopathy, frozen shoulder, acromioclavicular joint arthropathy.  
**Alberto Altarocca**
- 09:30-10:00      The ultrasound-guided injection technique to treat a painful shoulder  
**Luca Di Sante**
- 10:00-10:30      Live Practical demonstration  
**Diego Antonio Lardo**

**10:30-11:00      BREAK**

**SESSION 2**

**Chairman: Alberto Altarocca, Luca Di Sante, Diego Antonio Lardo**

- 11:00-12:15      **Hands-on session**  
The audience will be divided into 6 ultrasound stations, each equipped with a dedicated tutor, model and ultrasound technician  
**Tutor: Marco Conti, Giovanni Cusolito, Lorenzo Del Vecchio, Andrea Fisicaro, Giovanni Iudicelli, Alessio Savina**
- 12:15 -12:30      End of the course!

