

# AO Masters Course— Hand & Wrist (With Human Anatomical Specimens)

December 06–09, 2025  
Davos, Switzerland

Lecture hall:  
Wisshorn

**Program**



## Goal of the event

The goal of this course is to increase knowledge and skills for managing difficult and complex cases in the hand and wrist. As a Masters' level course, state-of-the-art techniques and approaches, best practices for treatment, and the management of complications will all be addressed at a high level.

## Target participants

Hand and wrist surgeons and hand fellows with an interest in trauma and reconstruction. As this is a Masters' level course, participants should have several years of experience in management of complex hand injuries and complications. Participants have preferably already completed the AO Trauma Course— Management of Hand and Wrist Injuries and the AO Trauma Course— Advanced Principles of Fracture Management.

## Learning objectives

Upon completion of this course, participants will be able to:

- Describe, apply, and practice principles of surgical management of hand and wrist injuries
- Demonstrate and understand preoperative decision-making and indications and contraindications of those decisions
- Identify and summarize advantages and disadvantages of different fixation techniques
- List common complications of injury and treatment and discuss their prevention and management
- Relate principles and techniques of treatment to personal clinical experience

## Event description

This Masters' course addresses the latest techniques and best practices in operative fracture management to deal with complex orthopedic trauma of the hand and wrist. The course includes many case presentations and open group discussions moderated by experts in the field. The anatomical specimen lab provides participants the opportunity to practice the more intricate approaches and procedures.

## Chairpersons



**Inese Breide**

Hospital of traumatology and  
orthopaedics

Riga, Latvia



**Syed Kamran Ahmed**

Indus Hospital and Health Network  
(IHHN)

Karachi, Pakistan

## International faculty

**Rohit Arora**

Medicine University of Innsbruck, Germany

**Jay Bridgeman**

St. Louis University School of Medicine, USA

**Tahseen Cheema**

Bahawalpur Medical & Dental College, Pakistan

**Aida Garcia Gomez**

Universidad Militar Nueva Granada, Colombia

**Amit Gupta**

Norton Arm and Hand Institute, USA

**Abdel-Hakim Massoud**

Al-Azhar University, Egypt

**Matej Kastelec**

University Medical Centre Ljubljana, Slovenia

**Tahir Sığün**

Hemot Hospital, Turkey

**Sudhir Warriar**

Laud Clinic Mumbai, India

# Saturday

December 6, 2025

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**LOCATION: Wisshorn Morning – Spital Davos Afternoon**

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08:00–08:05	Welcome and introduction	I Breide, S Ahmed
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## Module 1

**Moderator: J. Bridgeman**

### Complications of phalanges and metacarpals

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08:05–08:10	Introductory case—extraarticular malunited fracture of phalanges	J Bridgeman
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08:10–09:10	<b>Small group discussion 1</b>	
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#### Complications of phalanges and metacarpals

Group 1

Group 2

Group 3

Group 4

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09:10–09:20	Nonunions and extraarticular malunions of phalanges and metacarpals	M Kastelec
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09:20–09:30	Summary	J Bridgeman
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## Module 2

**Moderator: T. Cheema**

### Proximal interphalangeal joint injury and sequelae

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09:30–09:35	Introductory case—intraarticular malunion of PIP joint	T Cheema
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09:35–10:35	<b>Small group discussion 2</b>	
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#### PIP joint injury and sequelae

Group 1

	Group 2	
	Group 3	
	Group 4	
10:35–10:45	Intraarticular malunions of finger joints	A Garcia
10:45–11:15	Coffee break	
11:15–12:00	Case based discussion phalanges and metacarpals intra and extraarticular and overall summary of module 1 and 2	T Cheema, A Garcia, J Bridgeman, M Kastelec, all faculty
12:00–12:30	Transfer to hospital	
12:30–13:15	Lunch	
13:15–13:30	Preparation for the LAB	
13:30–14:10	<b>Practical exercise 1</b>  <b>Metacarpal Plate fixation Corrective osteotomy—metacarpal rotational malunion of the small finger</b>  Bone defect, Bone graft	J Bridgeman
14:10–14:50	<b>Practical exercise 2</b>  <b>Dorsal exposure PIP and ORIF articular fracture</b>  Creating IA sagittal fracture: 4 <sup>th</sup> finger	A Garcia
14:50–15:30	<b>Practical exercise 3</b>  <b>Volar approach to the proximal interphalangeal (PIP) joint and hemihamate arthroplasty: Ring finger</b>	S Warriar
15:30–16:00	Coffee break	
16:00–16:40	<b>Practical exercise 4</b>  <b>Scaphoid ORIF, volar approach</b>	R Arora

16:40–17:20	<b>Practical exercise 5</b> <b>Distal radius volar lip fracture</b>	I Breide
17:20–18:00	<b>Practical exercise 6</b> <b>Scapholunate dissociation</b> Soft-tissue reconstruction	T Sügün
18:00–18:40	<b>Practical exercise 7</b> <b>Posttraumatic (chronic) distal radioulnar joint instability</b>	A Gupta
18:40–18:45	Summary of day 1	I Breide, S Ahmed

## Sunday

December 7, 2025

**LOCATION: Spital Davos**

08:00–08:40	<b>Practical Exercise 8</b> <b>Thumb basal joint arthritis and Trapeziometacarpal instability</b>	T Cheema
08:40–09:10	<b>Practical Exercise 9</b> <b>Distal radial dorsal approach intraarticular, dorsal plate fixation, partial denervation</b>	T Sügün
09:10–09:50	<b>Practical Exercise 10</b> <b>Scapholunate advanced collapse (SLAC) wrist—four-corner fusion—intercarpal fusion plate/headless compression screws</b>	M Kastelec
09:50–10:20	Coffee Break	
10:20–11:00	<b>Practical Exercise 11</b> <b>Ulnar shortening osteotomy</b>	A Massoud
11:00–11:40	<b>Practical Exercise 12</b>	T Cheema

	<b>Fingertips flaps V-Y flap</b>	
11:40–12:20	<b>Practical Exercise 13</b> <b>First dorsal metacarpal artery flap</b>	S Ahmed
12:20–13:00	<b>Practical Exercise 14</b> <b>Radial palsy tendon transfer</b>	A Garcia
13:00–13:05	Summary	
13:05–14:05	Lunch	
14:15	Transfer to the Davos Congress Center	
15:00	Opening of the Davos Congress Center	
15:00–17:00	Registration of Participants	
17:00–19:00	<b>Opening Ceremony</b> Davos Congress Center	

# Monday

December 08, 2025

**LOCATION: Wisshorn, Davos Congress Center**

## Module 3

**Moderator: A. Garcia**

### Scaphoid fracture and sequelae

08:00–08:05	Introductory case—complex nonunion	A Garcia
08:05–09:05	<b>Small group discussion 3</b> <b>Scaphoid fracture and sequelae</b>	

	Group 1	
	Group 2	
	Group 3	
	Group 4	
09:05–09:15	Vascularized versus conventional bone grafting	R. Arora
09:15–10:00	Panel discussion	A Garcia, R Arora, S Warrier, M Kastelec, All Faculty
10:00–10:05	Summary	A Garcia
10:05–10:20	Coffee Break	

## Module 4

Moderator: M. Kastelec

### Carpal fracture dislocations

10:20–10:25	Introductory case—carpal fracture dislocations	M Kastelec
10:25–11:25	<b>Small group discussion 4</b> <b>Carpal fracture dislocations</b> Group 1 Group 2 Group 3 Group 4	
11:25–11:35	Carpal fracture dislocations	S Warrier
11:35–11:40	Summary	M Kastelec
11:40–13:00	Lunch break	



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## Module 5

Moderator: T. Sūgun

### Skin coverage of complex wounds of the hand and wrist

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13:00–13:05	Introductory case: Skin coverage of complex wounds of the hand and wrist	T Sūgun
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13:05–14:05	<b>Small group discussion 5</b> <b>Skin coverage of complex wounds of the hand and wrist</b>  Group 1  Group 2  Group 3  Group 4	
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14:05–14:15	Reconstructive ladder of soft-tissue coverage	S Ahmed
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14:15–14:40	Summary	T Sūgun
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## Module 6

Moderator: A.Gupta

### Combined injuries

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14:40–14:45	Introductory case—mangled hand	A Gupta
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14:45–15:45	<b>Small group discussion 6</b> <b>Combined injuries</b>  Group 1  Group 2  Group 3  Group 4	
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15:45–15:55	Combined injuries	T Sūgun
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15:55–16:00	Summary	A Gupta
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16:00–16:30 Coffee break

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16:30–17:15 **SHARD Session** I Breide, S Warriar

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17:15–17:30 Q&A Summary, course evaluation and close of day 3

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## Tuesday

December 09, 2025

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**LOCATION:** Wisshorn, Davos Congress Center

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### Module 7

**Moderator:** R. Arora

### Complications of distal radial fractures

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08:00–08:05 Introductory case—malunited fracture of the distal radius R Arora

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08:05–09:05 **Small group discussion 7**  
**Complications of distal radial fractures**  
Group 1  
Group 2  
Group 3  
Group 4

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09:05–09:15 Distal radial complications including CRPS A Massoud

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09:15–09:20 Summary R Arora

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### Module 8

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**Moderator: I. Breide**

**Distal radioulnar joint (DRUJ)—injuries and salvage**

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09:20–09:25	Introductory case—DRUJ salvage	I Breide
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09:25–10:25	<b>Small group discussion 8</b>	
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**DRUJ injuries and salvage**

Group 1

Group 2

Group 3

Group 4

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10:25–10:35	DRUJ instability and salvage for traumatic disruption	A Gupta
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10:35–10:40	Summary	I Breide
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10:40–11:00	Coffee break	
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**Module 9**

**Moderator: A. Massoud**

**Wrist complications**

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11:00–11:05	Introductory case—wrist complications	A Massoud
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11:05–12:00	<b>Small group discussion 9</b>	
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**Wrist complications**

Group 1

Group 2

Group 3

Group 4

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12:00–13:00	Lunch break	
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13:00–13:10	Wrist salvage	J Bridgeman
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13:10–13:15	Summary	A Massoud
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13:15–14:00	Faculty panel debate on proximal row carpectomy (PRC) versus four-corner fusion	A Massoud, All Faculty
14:00–14:20	Coffee Break	
14:20–15:20	Participant case analysis and presentation	
15:20–15:30	Summary of participant case analysis and prize on best presentation	
15:30–16:00	Plenary lectures 3x10 min A. Gupta - S. Warrier - T. Cheema - Graceful aging	
16:00–16:30	Discussion with Faculty	
16:30–16:45	Conclusion and End of the Course	
17:45-20:30	<b>AO Davos Courses Night</b> Davos Congress Center	

# Event organization

## Organization

### AO Foundation

Luana Crisara'

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### Participant's contact:

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### Registration fee

AO Trauma Masters Course—Hand & Wrist (With Human Anatomical Specimens): 4350.00 CHF

Included in the course fee: coffee breaks, lunches, opening ceremony and AO Davos Courses night, course certificate, and Shard Session.

### Cancellation policy

50% until 30 days before the event. No refund thereafter.

### Online registration

<https://aofnd.my.site.com/evt/s/evt-event/a1oTG000004LyAO>

### Language

English