



# ESTS SCHOOL

SAVE THE DATES!

**ESTS  
SCHOOL OF  
THORACIC  
SURGERY**

## SKILL TRACK CHEST WALL SURGERY COURSE

In Collaboration with the Chest Wall International Group (CWIG)

**25-27 September 2024**

**Leuven, Belgium**

An application will be made for accreditation to European Accreditation Council for Continuing Medical Education (EACCME®).

This course is intended for thoracic surgeons willing to expand their theoretical knowledge as well as their practical skills in the treatment of chest wall disorders.

Course Organisers:



Hans Van Veer, MD  
University Hospitals Leuven, Belgium



Alessandro Bertani  
Director of Education  
IRCCS ISMETT - UPMC Italy



For CWIG  
Jose Ribas de Campos, MD, PhD  
Sao Paulo, Brazil

INFORMATION: [www.ests.org](http://www.ests.org)

### DAY 1: WEDNESDAY 25 SEPTEMBER 2024 | PARK INN BY RADISSON LEUVEN

12:30-12:40h	<b>Welcome and introduction to the course by ESTS Director of Education</b> Alessandro Bertani	15:30-15:45h	<b>Pectus excavatum. Basics</b> Hans Van Veer
12:40-12:45	<b>Welcome and introduction to the course by local host</b> Hans Van Veer	15:45-16:00h	<b>Pectus excavatum. Non-surgical treatment</b> Ana Laín Fernández
12:45-14:30h	<b>SESSION 1. CHEST WALL TRAUMA</b> Chairs: Hans Van Veer, Pablo Moreno	16:00-16:30h	<b>Pectus excavatum. Surgical treatment</b> Marcelo Martinez-Ferro
12:45-13:00h	<b>What, when and how on treatment of flail rib fractures</b> Pablo Moreno	16:30-16:45h	<b>Updates on adult pectus excavatum repair</b> Dawn Jaroszewski [VIRTUAL]
13:00-13:30h	<b>What, when and how on treatment of isolated non-flail multiple rib fractures</b> Pieter-Jan van Huijstee	16:45-17:00h	<b>Session Q&amp;A</b> All faculty
13:30-13:45h	<b>Long term follow-up after rib fixation for flail chest and multiple rib fractures</b> Fabrizio Minervini [VIRTUAL]	17:00-17:15h	Coffee Break
13:45-14:00h	<b>Associated lesions in thoracic trauma: what to think of?</b> Erik de Loos	17:15-18:30h	<b>SESSION 3. RESECTION AND RECONSTRUCTION OF THE CHEST WALL (HYBRID SESSION)</b> Chairs: Pieter-Jan Van Huijstee, Jose Aranda
14:00-14:15h	<b>Pain control in thoracic trauma</b> TBC	17:15-17:30h	<b>When do we need a reconstruction?</b> Frederic De Ryck
14:15-14:30h	<b>Session Q&amp;A</b> All faculty	17:30-17:45h	<b>Rigid chest wall reconstruction: classical and modern techniques</b> Jose Aranda
14:30-14:45h	Coffee break	17:45-18:00h	<b>Optimal chest wall prosthesis</b> Paolo Nicola Camillo Girotti [VIRTUAL]
14:45-17:00h	<b>SESSION 2. CONGENITAL CHEST WALL DEFORMITIES (HYBRID SESSION)</b> Chairs: Erik de Loos, Ana Laín Fernández	18:00-18:15h	<b>Soft tissue reconstruction: classical techniques</b> Servet Bölükbas [VIRTUAL]
14:45-15:00h	<b>Pectus Carinatum. Basics</b> Hans Van Veer	18:15-18:30h	<b>Session Q&amp;A</b> All Faculty
15:00-15:15h	<b>Pectus Carinatum. Non-surgical treatment</b> Marcelo Martinez-Ferro	19:00-22:30h	<b>First Course Dinner</b>
15:15-15:30h	<b>Pectus Carinatum. Surgical treatment</b> Jose Ribas		

### DAY 2: THURSDAY 26 SEPTEMBER 2024 | VESALIUS INSTITUTE OF KU LEUVEN

08:30-10:45h	<b>SESSION 4. PATIENT ASSESSMENT &amp; PAIN REGIMEN</b> Chairs: Pablo Moreno, Jose Ribas	10:50-12:00h	<b>SESSION 5. DRY LAB- PRESENTATION OF AVAILABLE EQUIPMENT</b>
08:30-08:40h	<b>Preoperative diagnostic and functional assessment in resectional surgery</b> Jose Aranda		<b>Dry lab: Getting to know the available instruments/equipment</b> All on site faculty
08:45-09:05h	<b>Preoperative diagnostic and functional assessment in congenital chest wall surgery: new modalities</b> Erik de Loos	12:00-13:00h	Lunch
09:05-09:15h	<b>Discussion</b> All faculty	13:00-15:00h	<b>SESSION 6. WET LAB I</b>  <b>Wet lab I: attendees distribution and rotation</b> All on site faculty
09:15-09:35h	<b>Conventional systemic drugs, including pharmaco knowledge</b> Hans Van Veer	15:00-15:30h	Coffee break
09:35-10:00h	<b>Local analgesia / blocks in finding the best pain killer strategy for preventing chronic pain</b> Steve Coppens	15:30-18:00h	<b>SESSION 7. WET LAB II</b>  <b>Wet lab II: attendees distribution and rotation</b> All on site faculty
10:00-10:20h	<b>Cryoablation and other new techniques</b> Joel Dunning [VIRTUAL]	17:30-18:00h	<b>Wet- lab wrap up: difficulties in participant's workshop exercises questions &amp; answers</b> All on site faculty
10:20-10:35h	<b>Pain Q&amp;A</b> All faculty	18:30-19:00h	<b>Bus departure to the hotel</b>
10:35-10:50h	Coffee break	19:30-22:30h	<b>Second Course Dinner</b>

### DAY 3: FRIDAY 27 SEPTEMBER 2024 | PARK INN BY RADISSON LEUVEN

08:30-10:30h	<b>SESSION 8. ADVANCED KNOWLEDGE SESSION</b> Chairs: Pieter-Jan Van Huijstee, Ana Laín Fernández	10:45-12:30h	<b>SESSION 9. INTERACTIVE CASE DISCUSSION</b> Chairs: Hans Van Veer, Jose Ribas
08:30-08:50h	<b>Nuss procedure - Asian perspective &amp; modifications</b> Hyung Yoo Park [VIRTUAL]	10:45-12:00h	<b>Attendees presenting cases for open discussion</b> All on site faculty
08:50-09:10h	<b>Nuss procedure - European perspective &amp; modifications</b> Hans Pilegaard [VIRTUAL]	12:00-12:30h	<b>Final review: participants questions and answers</b> All on site faculty
09:10-09:30h	<b>Treating complex cases - Jeune, sternal cleft, Poland</b> Tunç Lacin [VIRTUAL]	12:30-13:00h	<b>Feedback and farewell</b> Light lunch before departure
09:30-09:50h	<b>Treating complex cases - pectus arcuatum</b> Jose Ribas	13:00h	<b>End of Course</b>
09:50-10:10h	<b>Managing orthopaedic complications when treating congenital chest wall deformities</b> Korkut Bostanci [VIRTUAL]		
10:10-10:30h	<b>Long term follow up of chest wall resection &amp; reconstruction: physiological effects</b> Niccolo Daddi [VIRTUAL]		
10:30-10:45h	Coffee break		

