



ESTS SCHOOL

**ESTS
SCHOOL OF
THORACIC
SURGERY**

SKILL TRACK CHEST WALL SURGERY COURSE

In Collaboration with the Chest Wall International Group (CWIG)

30 September - 2 October 2025 **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

FACULTY

ON SITE



Jose Aranda, Salamanca, Spain



Steve Coppens, Leuven, Belgium



Carlos de la Torre Ramos, Madrid, Spain



Erik de Loos, Heerlen, The Netherlands



Ana Laín Fernández, Barcelona, Spain



Pablo Moreno de la Santa, Vigo, Spain



Jose Ribas M. Campos, Sao Paulo, Brazil



Pieter-Jan van Huijstee, The Hague,
The Netherlands



Hans Van Veer, Leuven, Belgium

VIRTUAL



Alessandro Bertani, Palermo, Italy



Frank de Paoli, Aarhus, Denmark



Frederic De Ryck, Ghent, Belgium



Caroline Fortmann, Hannover, Germany



Michael R. Gooseman, Hull, UK



Dawn Jaroszewski, Phoenix, USA



Tunç Lacin, Istanbul, Turkey



Sungsoo Lee, Seoul, Korea



Olaf Mercier, Paris, France



Fabrizio Minervini, Luzern, Switzerland



Bejal Pandya, London, UK



Zacha Slawomir, Szczecin, Poland



Michele Torre, Genova, Italy

DAY 1: TUESDAY 30 SEPTEMBER 2025 | PARK INN BY RADISSON LEUVEN

12:30-12:40h	Welcome and introduction to the course by ESTS Director of Education Alessandro Bertani [VIRTUAL]	15:15-15:30h	Pectus Carinatum. Surgical treatment Jose Ribas
12:40-12:45	Welcome and introduction to the course by local host Hans Van Veer	15:30-15:45h	Pectus excavatum. Basics Hans Van Veer
12:45-14:30h	SESSION 1. CHEST WALL TRAUMA In collaboration with CWIS  Chairs: Hans Van Veer, Pablo Moreno	15:45-16:00h	Pectus excavatum. Non-surgical treatment Ana Laín Fernández
12:45-13:00h	What, when and how on treatment of flail rib fractures Pablo Moreno	16:00-16:30h	Pectus excavatum. Surgical treatment Caroline Fortmann [VIRTUAL]
13:00-13:30h	What, when and how on treatment of isolated non-flail multiple rib fractures Pieter-Jan van Huijstee	16:30-16:45h	Updates on adult pectus excavatum repair Dawn Jaroszewski [VIRTUAL]
13:30-13:45h	Long term follow-up after rib fixation for flail chest and multiple rib fractures Fabrizio Minervini [VIRTUAL]	16:45-17:00h	Session Q&A All faculty
13:45-14:00h	Associated lesions in thoracic trauma: what to think of? Erik de Loos	17:00-17:15h	Coffee Break
14:00-14:15h	Addressing patient related outcomes after thoracic trauma Michael R. Gooseman [VIRTUAL]	17:15-18:30h	SESSION 3. RESECTION AND RECONSTRUCTION OF THE CHEST WALL (HYBRID SESSION) Chairs: Pieter-Jan Van Huijstee, Jose Aranda
14:15-14:30h	Session Q&A All faculty	17:15-17:30h	When do we need a reconstruction? Frederic De Ryck [VIRTUAL]
14:30-14:45h	Coffee break	17:30-17:45h	Rigid chest wall reconstruction: classical and modern techniques Jose Aranda
14:45-17:00h	SESSION 2. CONGENITAL CHEST WALL DEFORMITIES (HYBRID SESSION) Chairs: Erik de Loos, Ana Laín Fernández	17:45-18:00h	Soft tissue reconstruction: classical techniques Olaf Mercier [VIRTUAL]
14:45-15:00h	Pectus Carinatum. Basics Hans Van Veer	18:00-18:15h	Session Q&A All Faculty
15:00-15:15h	Pectus Carinatum. Non-surgical treatment Michele Torre [VIRTUAL]	19:30-22:30h	First Course Dinner

DAY 2: WEDNESDAY 01 OCTOBER 2025 | VESALIUS INSTITUTE OF KU LEUVEN

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

DAY 3: THURSDAY 2 OCTOBER 2025 | PARK INN BY RADISSON LEUVEN

08:30-10:30h	SESSION 8. ADVANCED KNOWLEDGE SESSION Chairs: Pieter-Jan Van Huijstee, Ana Laín Fernández	12:15-12:30h	Discussion and review: participants questions and answers All on site faculty
08:30-08:50h	Nuss procedure - Asian perspective & modifications Sungsoo Lee [VIRTUAL]	12:30-13:00h	Lunch
08:50-09:10h	Nuss procedure - European perspective & modifications Frank de Paoli [VIRTUAL]	13:30-15:15h	SESSION 10. MASTERS @ WORK Chairs: Erik de Loos, Carlos de la Torre
09:10-09:30h	Treating complex cases - Jeune, sternal cleft, Poland Tunç Lacin [VIRTUAL]	13:30-13:50h	How I do it: Nuss Hans Van Veer
09:30-09:50h	Treating complex cases - pectus arcuatum Jose Ribas	13:50-14:10h	How I do it: Nuss Ana Lain
09:50-10:10h	Managing orthopaedic complications when treating congenital chest wall deformities, with a focus on scoliosis Zacha Slawomir [VIRTUAL]	14:10-14:30h	How I do it: cryo analgesia Carlos de la Torre
10:10-10:30h	US and MRI insights in cardiac effects of pectus and pectus treatment Bejal Pandya [VIRTUAL]	14:30-14:50h	How I do it: carinatum/arcuatum: Abramson procedure Erik de Loos
10:30-10:45h	Coffee break	14:50-15:05h	How I do it: rib fracture fixation PJ van Huijstee
10:45-12:30h	SESSION 9. INTERACTIVE CASE DISCUSSION Chairs: Hans Van Veer, Jose Ribas	15:05-15:15h	Discussion on techniques, remaining questions All session speakers
10:45-12:15h	Attendees presenting cases for open discussion All on site faculty	15:15-15:30h	Feedback and farewell Hans Van Veer
		15:30h	End of Course

