

CWIS International | Barcelona, Spain

Monday, 31 August – Tuesday, 1 September 2026

Time	Day 1
7:30 AM	BREAKFAST
8:30 AM	Welcome & Introductions <i>Thomas W. White, MD, FACS</i>
8:45 AM	Hands-on lab with skills stations <i>Attendees will rotate between each of the stations – meet in Classroom 5-7 (exhibitor hall)</i>
10:15 AM	Summary & Discussion
10:30 AM	BREAK
10:45 AM	Welcome & Introductions <i>Stefan Schulz-Drost, MD, PhD, FEBS & Pablo Moreno de la Santa, MD, FRCS</i>
11:00 AM	Chest Wall Injury Society Update & the 2026 CWISummit Recap <i>SarahAnn S. Whitbeck, MBA, MEd, FACEHP & Thomas W. White, MD, FACS</i>
11:30 AM	CWIS Guidelines Update (SSRF, Sternal) + ACS BPG <i>Zachary M. Bauman, DO, MHA, FACOS, FACS</i>
11:45 AM	CWIS Collaborative Centers Update <i>Zachary D. Warriner, MD, FACS</i>
12:00 PM	ADJOURN FOR LUNCH
1:00 PM	Scientific Abstract Presentations – 12 minutes each <i>Moderator: Matthieu Sarsam, MD & Michael R. Gooseman, FRCS (CTh), MEd</i>
	Traumatic Hemothorax Activates Complement, Stimulates Pro-Inflammatory Cytokine Release, and Primes Neutrophils for Local Inflammatory Reactive Oxygen Species Production <i>Presenter: Nicolle Barmettler, MD</i> <i>Discussant: Kyle M. Schmitt, MD</i>
	Chest Wall Injuries in Professional Rugby Union: Diagnosis, imaging, and return-to-play outcomes <i>Presenter: Abdullah AlShammari, MBBS, MPH</i> <i>Discussant: Mary F. Stuever, DO, FACS</i>
	Novel Deep Learning Method Based on a Fuzzy Regression Twin Support Vector Machine for the Early Detection of Flail Chest <i>Presenter: Hon Lok (David) Lo, MD</i> <i>Discussant: Gregory Semon, DO, FACS, FACOS</i>
	From ICU-Centered Nonoperative Care to Ward-Based SSRF: Decreasing ICU Utilization and Lower Complication Burden Across Three Eras in a Level 1 Trauma Center <i>Presenter: David Sutori, MD</i> <i>Discussant: Marina Troian, MD</i>
	Developing and Designing Co-Produced, Evidence-Based Patient Resources for Adults with Blunt Chest Injuries <i>Presenter: Ceri Battle, PhD</i> <i>Discussant: Brady Miller, MS</i>

2:00 PM	Creation of a Multidisciplinary Chest Wall Injury Program in the Middle East <i>Ahmed Faidh Ramzee, MBBS, CABS, MRCS</i>
2:15 PM	Costal Margin Rupture: What do you need to know? <i>Matthijs van Gool, MD</i>
2:30 PM	Update: CWIS/ESTS Partner Projects <i>Michael R. Gooseman, FRCS (CTh), MEd</i> <i>Zachary M. Bauman, DO, MHA, FACS, FACOS</i>
2:45 PM	BREAK
3:15 PM	Scientific Abstract Presentations – 12 minutes each <i>Moderator: Martin Wulschleger, MBBS, MD, PhD, FRACS, FACS & Alan Biloslavo, MD, FACS</i>
	SMuRFS-8: Exploring the Use of Bone Grafts in the Reconstruction of the Non-United Chest Wall <i>Presenter: Luca Baker, BSc (Hons), MBBS</i> <i>Discussant: Michael David Huelskamp, MD, MSc</i>
	Non-Union in Rib Fractures: Longitudinal Assessment of Healing Using a Novel CT-Based Classification System (NURFScore) in a Large Retrospective Cohort <i>Presenter: William Davies</i> <i>Discussant: Matthieu Sarsam, MD</i>
	Outcome After Surgical Revision and Stabilization of Symptomatic Non-Union Chest Wall Injuries <i>Presenter: Eva-Corina Caragounis, MD, PhD</i> <i>Discussant: Ian Hunt, BSc (Hons), MBBS, MRCS, FRCS (CTh)</i>
	Investigation of the Effect of Lung Contusion on Alveolar Cells Type 2 in Severe Chest Wall Instability <i>Presenter: Christopher Spering, MD, PhD</i> <i>Discussant: Cecilia Benz, MD</i>
	Does Fracture Location Matter? <i>Presenter: Benjamin C. Taylor, MD, PhD</i> <i>Discussant: Stefan Schulz-Drost, MD, PhD, FEBS</i>
4:15 PM	CIID Live Demo <i>Michelle C. Woodfall, MS, CNS, CCRN, CEN</i>
4:30 PM	Non-Flail Chest Rib Osteosynthesis: Is the evidence strong enough? <i>Pablo Moreno de la Santa, MD, FRCS</i>
4:45 PM	From Skepticism to Standard of Care: Building an SSRF program in Central Europe <i>David Sutori, MD</i>
5:00 PM	BREAK

Time	Day 2
7:30 AM	BREAKFAST
8:25 AM	Welcome <i>Joseph D. Forrester, MD, MSc, FAWM, FACS</i>
8:30 AM	Transitions of the Chest Wall and Their Interdisciplinary Impact in Trauma: Upper extremity, spine, abdomen <i>Stefan Schulz-Drost, MD, PhD, FEBS</i>
9:00 AM	Scientific Abstract Presentations – 12 minutes each <i>Moderator: Kurt A. Martinson, MD, FACS & Pablo Moreno de la Santa, MD, FRCS</i>
	Shoulder Dysfunction after Surgical Stabilization of Rib Fractures: An underreported functional morbidity <i>Presenter: Cecilia Benz, MD</i> <i>Discussant: Chiara Proli, MBBS</i>
	Rib Fractures with Concurrent Scapula and Sternal Fractures: High-energy injury with increased mortality and ventilator need <i>Presenter: Brandon Karcher, MD</i> <i>Discussant: Benjamin C. Taylor, MD, PhD</i>
	Clinical Relevance of Sternal Fractures in the German Trauma Registry <i>Presenter: Frederik Schörner, MD</i> <i>Discussant: Antonio Martin-Ucar, MD</i>
	Clinical Outcomes and Value Analysis After Surgical Stabilization of Traumatic Sternal Fractures: A multicenter adult trauma cohort using Vizient data <i>Presenter: Zachary Bauman, DO, MHA, FACOS, FACS</i> <i>Discussant: Matthijs van Gool, MD</i>
	Hidden in Plain Sight: A comprehensive analysis of missed rib fractures across five anatomic sectors of the chest wall <i>Presenter: Joseph Sucher, MD, FACS</i> <i>Discussant: Matthew C. Sherrier, MD</i>
10:00 AM	BREAK

10:15 AM	Current & Upcoming CWIS Research CWIS C-QoL Update <i>Mathieu M.E. Wijffels, MD, PhD (pre-record)</i> Chest Wall Reconstruction After CPR Guideline <i>Christopher Spering, MD, PhD, FEBS</i> Length of Stay Delphi Survey <i>Zachary Bauman, DO, MHA, FACS, FACOS</i> Non-Union Delphi Survey <i>Joseph D. Forrester, MD, MSc, FAWM, FACS</i> Too Frail to Fail <i>Jacob Hessey, MD (pre-record)</i>
10:45 AM	Ortho Session <i>Christopher Sperring, MD, PhD, FEBS</i> Bone grafting, Bone substitutes, Bone replacements/augmentation
11:45 AM	Complex Case Session/Frankenplating (5 minutes each) No Pain, All Gain; A Multidisciplinary Approach to Managing Rib Fracture Mal/Nonunion with Bridging Heterotopic Ossification. <i>Ahmed Faidh Ramzee, MBBS, CABS, MRCS</i> Beyond Cosmetic Outcomes: Thoracic complication after rib remodeling surgery <i>Yury Bellido Reyes, MD</i> Repair of Complex Recurrent Intercostal Transdiaphragmatic Hernia <i>Gregory Semon, DO, FACS, FACOS</i>
12:00 PM	LUNCH

1:00 PM	Scientific Abstract Presentations – 12 minutes each <i>Moderator: Ian Hunt, BSc (Hons), MBBS, MRCS, FRCS (CTh) & Pieter Jan van Huijstee, MD</i>
	A Human Ex Vivo Biomechanical Thorax Model of Respiration Taking into Account Negative Intrathoracic Pressure Using 3D Optoelectronic Plethysmography <i>Presenter: Michael David Huelskamp, MD, MSc</i> <i>Discussant: Shirley Hui, MD</i>
	Long-Term Outcome of Respiratory Function and Health-Related Quality of Life Following Chest Wall Reconstruction <i>Presenter: Christopher Spering, MD, PhD</i> <i>Discussant: Kata Sára Jiling</i>
	Prospective Evaluation of Quality of Life Following Non-Operative Management of Rib Fractures: Preliminary results from a prospective observational study <i>Presenter: Manuela Mastronardi, MD</i> <i>Discussant: Margherita Sandano, MD</i>
	Modified Frailty Index in Predicting Unfavorable Disposition in Geriatric Patients with Rib Fractures: Easier is not always better <i>Presenter: Kallen Beall, DO</i> <i>Discussant: Eva-Corina Caragounis, MD, PhD</i>
	The Short Course Advantage: Safer stewardship in rib fixation <i>Presenter: Erin Frohnappfel, PharmD</i> <i>Discussant: Alan Biloslavo, MD, FACS</i>
2:00 PM	The Great Debate: Procedural volume is a marker of quality <i>Pro: Kyle M. Schmitt, MD</i> <i>Con: John Edwards, MB ChB, PhD, FRCS(C/Th)</i>
2:30 PM	SSRF Tips, Tricks, & Shortcuts <i>Moderator: Thomas W. White, MD, FACS</i> <i>Panelists: Joseph Sucher, MD; Pieter Jan van Huijstee, MD; Hon Lok (David) Lo, MD</i>
3:00 PM	BREAK

3:15 PM	Physiotherapy topic <i>Ceri Battle, PhD, PT</i>
3:30 PM	Scientific Abstract Presentations – 12 minutes each <i>Moderator: Hayato Kurihara, MD & Mary F. Stuever, DO, FACS</i>
	Identifying Primary Pulmonary Predictors of Pneumonia Following Chest Wall Trauma <i>Presenter: Kata Sára Jiling</i> <i>Discussant: Alicia Mangram, MD, FACS</i>
	Mixed-Methods Study to Develop and Pilot a Competency Assessment Tool to Support Physiotherapists in the Care of Patients with Blunt CHEst Trauma (CATCh study) <i>Presenter: Edward Baker, PhD</i> <i>Discussant: Diego Mariani, MD, FEBS</i>
	Proposing a New Classification for Costal Margin Rupture and Intercostal Herniation <i>Presenter: Aina Lask, MD</i> <i>Discussant: John Edwards, MB ChB, PhD, FRCS(C/Th)</i>
	Advancing Surgical Treatment of Slipping Rib Syndrome: Outcomes of rib tip excision and novel technique of ladder plate stabilization for selected primary and revision surgery. Experience From a High-Volume centre <i>Presenter: Chiara Prolj, MBBS</i> <i>Discussant: Thomas W. White, MD, FACS</i>
	It Is Alive: Reanimating the abdominal wall <i>Presenter: Matthew C. Sherrier, MD</i> <i>Discussant: Zachary D. Warriner, MD, FACS</i>
4:30 PM	Chest Wall Injury Society Town Hall <i>CWIS Leadership</i>
4:55 PM	Wrap up and conclusions for next steps <i>Thomas W. White, MD, FACS</i>
5:00 PM	ADJOURN