

# CWIS in the Queen City

## CHARLOTTE, NC



### 2023 CHEST WALL INJURY SUMMIT AGENDA

## Thursday, April 27, 2023

7:00 AM	<b>BREAKFAST AND REGISTRATION</b>
7:30 AM	<b>Welcome and Opening Remarks</b> Thomas W. White, MD, FACS
7:45 AM	<b>Donald Trunkey Keynote Address: Opioid Management</b> Jay T. Bishoff, MD, FACS
8:30 AM	<b>Keynote Q&amp;A</b> Jay T. Bishoff, MD, FACS & Audience
8:45 AM	<b>UPDATED SOCIETY GUIDELINES</b> <ul style="list-style-type: none"> <li>• <b>SSRF Guidelines Update</b> Bhavik Patel, MBBS, MS (General Surgery), M.Phil (Research), FRACS, FACS</li> <li>• <b>SIS/CWIS Guideline</b> Bradley Faliks, MD</li> <li>• <b>Non-Union Guideline</b> Joseph D. Forrester, MD, MSc, FAWM, FACS</li> <li>• <b>EAST/CWIS PMG</b> Kaushik Mukherjee, MD, MSCI, FACS</li> </ul>
9:30 AM	<b>PANEL   Orthopedic Principles</b> <i>Moderator:</i> Peter A. Cole, MD, FAOA <ul style="list-style-type: none"> <li>• <b>Bone Health Work-Up and Optimization</b> Thomas Githens, DO</li> <li>• <b>How to Fix Fragility Fractures and Fragile Bone</b> David Weatherby, MD</li> <li>• <b>Question &amp; Answer session</b></li> </ul>
10:00 AM	<b>BREAK</b>
10:15 AM	<b>SCIENTIFIC SESSION #1</b> <i>Moderator:</i> John M. Green, MD, FACS; <i>Coordinator:</i> Gena Brawley, AC
	<b>Trends in Publications for Surgical Stabilisation of Rib Fractures: A Systematic Quantitative Literature Review</b> <i>Presenter:</i> Ropafadzo Muchabaiwa; <i>Discussant:</i> Susan Kartiko, MD, PhD, FACS
	<b>Sternal Fixation for Traumatic Sternal Fractures Demonstrates Better Long-Term Quality of Life Outcomes than Non-Operative Management: A Survey Analysis</b> <i>Presenter:</i> Sydney Todd, BS; <i>Discussant:</i> Raul Coimbra, MD, PhD, FACS
	<b>Clinical Outcome in Patients With and Without Chest Wall Injury after Cardiopulmonary Resuscitation</b> <i>Presenter:</i> Eva-Corina Caragounis, MD, PhD; <i>Discussant:</i> Chasen A. Croft, MD, FACS
	<b>Collaborative Centers Survey Project (CC2)</b> <i>Presenter:</i> Amanda Waite, MSN, ACNP; <i>Discussant:</i> Zachary D. Warriner, MD, FACS
	<b>Extracorporeal Membrane Oxygenation During Surgical Stabilization of Rib Fractures in Successful Management of Severe Blunt Chest Trauma: A case report.</b> <i>Presenter:</i> Stephanie Jensen, MD, MPH; <i>Discussant:</i> Fredric M. Pieracci, MD, MPH, FACS

# Thursday, April 27, 2023 - continued

11:15 AM	<b>William B Long III Award Presentation and Recipient Remarks</b> TBA
11:30 AM	<b>William B Long III Award Recipient Lecture</b> TBA
12:00 PM	<b>WORKING LUNCH AND CWISOCIETY BUSINESS MEETING</b> Open to all members and prospective members
	<b>SCIENTIFIC SESSION #2</b> <i>Moderator:</i> Phillip Antippa, MBBS, MPH, FRACS; <i>Coordinator:</i> Scott Gardner, PA-C
	<b>Surgical Reconstruction of Traumatic Sternal Body Nonunions</b> <i>Presenter:</i> Michael LaRoque; <i>Discussant:</i> Kyle Schmitt, MD, FACS
	<b>Injury Characteristics Associated with Combined Fractures of the Forequarter</b> <i>Presenter:</i> Richard Slay, MD, MS; <i>Discussant:</i> Bradley W. Thomas, MD, FACS
1:00 PM	<b>Hardware Performance for Anterior Chest Wall and Costal Cartilage Injuries: A Single Center Experience</b> <i>Presenter:</i> Jaya Sai Varre, MD; <i>Discussant:</i> Alicia R. Privette, MD
	<b>Chest Wall Stabilisation and Rib Fixation Using a Nitinol Screwless System in Selected Patients After Blunt Trauma: Long-term results in a single-centre experience</b> <i>Presenter:</i> Didier Lardinois, MD, PhD; <i>Discussant:</i> Andrew R. Doben, MD, FACS
	<b>Better Late Than Never- A Single Center Review of Delayed Surgical Stabilization of Rib Fractures</b> <i>Presenter:</i> Hason Khan, MS; <i>Discussant:</i> Adam J. Kaye, MD, MHA, FACS
2:00 PM	<b>PANEL   Frankenplating – “it’s crazy enough it just might work”</b> <i>Moderator:</i> Sean Dieffenbaugher, MD; <i>Coordinator:</i> Rafat Solaiman, BA
3:15 PM	<b>BREAK</b>
3:30 PM	<b>Panel   Wax On, Wax Off, Daniel Son</b> <i>Moderator:</i> Mark A. Kryskow, DO <ul style="list-style-type: none"> <li>• Didier Lardinois, MD, PhD</li> <li>• Mathieu Wijffels, MD, PhD</li> <li>• Evert A. Eriksson, MD, FACS, FCCM, FCCP</li> <li>• <b>Question &amp; Answer session</b></li> </ul>
4:00 PM	<b>Cine-session: Tips &amp; Tricks via video clips</b> <i>Moderators:</i> John G. Edwards, MD, PhD, FRCS (C-Th); Michael Gooseman, MEd, MEBCTS, FRCS (C/Th) <i>Coordinator:</i> Samantha Lahey, MD
5:00 PM	<b>ADJOURN</b>



# Friday, April 28, 2023

6:30 AM	<b>BREAKFAST AND REGISTRATION</b>
7:00 AM	<b>Welcome</b> Andrew R. Doben, MD, FACS
7:15 AM	<b>Presidential Address</b> Zachary M. Bauman, DO, MHA, FACOS, FACS
8:00 AM	<b>SCIENTIFIC SESSION #3</b> <i>Moderator:</i> Kaushik Mukherjee, MD, MSCI, FACS; <i>Coordinator:</i> Natalie Mukherjee, DNP, AGACNP-BC
	<b>Costal Margin Reconstruction for Complex Slipping Rib Syndrome</b> <i>Presenter:</i> Adam Hansen, MD; <i>Discussant:</i> Babak Sarani, MD, FACS, FCCM
	<b>Novel Application of Pectoralis Muscle Index as Predictor of Outcomes in Patients with Blunt Chest Wall Injury</b> <i>Presenter:</i> Connor Wakefield, MD; <i>Discussant:</i> Timothy H. Pohlman MD, FACS
	<b>The True-Blue Technique: Enhanced Chondral Assessment of the Chest Wall</b> <i>Presenter:</i> Indraneel Brahme, MD; <i>Discussant:</i> Ledford L. Powell, MD, FACS, FCCP, MBA
	<b>Peripheral Nerve Blocks and Catheters Decrease Early Opioid Requirements in Non-Operative Rib Fracture Patients</b> <i>Presenter:</i> Stephanie Gray, MD; <i>Discussant:</i> Daniel Ricaurte, MD
	<b>Surgical Stabilization of Rib Fractures in Anticoagulated Patients: Proceed with caution?</b> <i>Presenter:</i> Fredric M. Pieracci, MD, MPH, FACS; <i>Discussant:</i> Richard Lesperance, MD, FACS
9:00 AM	<b>Apical Rib Fractures: Are they worth the chase?</b> <i>Moderator:</i> Marc A. de Moya, MD, FACS Konstantinos Papagiannopoulos, MD (CTh); Feroze Y. Sidhwa, MD, MPH, FACS
9:30 AM	<b>BREAK</b>
10:00 AM	<b>SCIENTIFIC SESSION #4</b> <i>Moderator:</i> Stefan Schulz-Drost, MD, PhD, FEBS; <i>Coordinator:</i> Samantha Shugar, MS
	<b>Motor Vehicle Protective Device Usage Associated with Decreased Rate of Flail Chest: A retrospective database analysis</b> <i>Presenter:</i> Aria Bassiri, MD; <i>Discussant:</i> Ronald I. Gross, MD, FACS
	<b>Thal Tubes are Noninferior to Standard Chest Tubes for Traumatic Hemothorax: Single Center randomized clinical trial of 14Fr Thal Tube versus 28Fr Tube Thoracostomy</b> <i>Presenter:</i> Jason McCartt, MD; <i>Discussant:</i> Emily Cantrell, MD, FACS
	<b>Early vs. Late Surgical Stabilization of Multiple Rib Fractures in Patients with Traumatic Brain Injury: A nationwide analysis</b> <i>Presenter:</i> Emanuele Lagazzi, MD; <i>Discussant:</i> Sebastian D. Schubl, MD, FACS
	<b>Healthcare Utilisation and Outcomes in Patients with Blunt Chest Wall Trauma Following Discharge Home from the Emergency Department: A retrospective, population-based, observational data-linkage study</b> <i>Presenter:</i> Ceri Battle, PhD; <i>Discussant:</i> Christopher J. Wolff, MD, FACS
	<b>Sternoclavicular Joint Pathology: Examination of a 17-year Case Series and Recommendation of a Surgical Algorithm</b> <i>Presenter:</i> Lindsay Maier, MD; <i>Discussant:</i> Jonathan H. Nguyen, DO, FACS, FACOS
11:00 AM	<b>The Pain of Intercostal Neuralgia</b> Peter A. Cole, MD, FAOA; Thomas W. White, MD, FACS, CNSC
11:30 AM	<b>Live Patient Physical Therapy Demonstration</b> Ceri Battle, PhD
12:00 PM	<b>ADJOURN</b>

# Saturday, April 29, 2023

7:00 AM	<b>BREAKFAST AND REGISTRATION</b>
7:15 AM	<b>Welcome</b> Zachary M. Bauman, DO, MHA, FACOS, FACS
7:30 AM	<b>Invited Guest Speaker</b> Andrew Gaynor; Introduction by Andrew R. Doben, MD, FACS
	<b>SCIENTIFIC SESSION #5</b> <i>Moderator:</i> Eva-Corina Caragounis, MD, PhD; <i>Coordinator:</i> T. Russell Hill, PA-C
	<b>Hierarchal Clustering for the Identification of Distinct Rib Fracture Patterns: A Novel Big Data Utility for Clinical Studies</b> <i>Presenter:</i> Kiersten C. Woodyard, MD, MPH; <i>Discussant:</i> Jamie Tung, MD
8:15 AM	<b>Surgical Stabilization of Rib Fractures in the Geriatric Trauma Population Is Associated with Similar Mortality As Younger Patients</b> <i>Presenter:</i> Stephanie Jensen, MD, MPH; <i>Discussant:</i> Christopher Towe, MD
	<b>Costal Margin Injuries: Presentation, Management and Outcomes According To The Sheffield Classification</b> <i>Presenter:</i> John G. Edwards, MD, PhD, FRCS(C-Th); <i>Discussant:</i> Gerard A. Baltazar, DO, FACOS, FACS
	<b>Chest Wall Injury Fracture Patterns and Mechanism</b> <i>Presenter:</i> Jennifer Brewer, MD; <i>Discussant:</i> Dan Bonville, DO, FACS
	<b>SSRF'ing the literature: Trends in Publications Since Tanaka's Landmark Results over 20 years ago</b> <i>Presenter:</i> Christopher Thomas, MD, MS; <i>Discussant:</i> Brian D. Kim, MD, FACS
9:15 AM	<b>BREAK</b>
9:45 AM	<b>PANEL   Incongruent Research Outcomes vs Patient-Reported Experiences</b> <i>Moderator:</i> Timothy H. Pohlman, MD, FACS <i>Panelists:</i> Christopher J. Wolff, MD, FACS; Fredric M. Pieracci, MD, MPH, FACS; Sebastian D. Schubl, MD, FACS; Silvana Marasco, FRACS, MBioeth, PhD; Zachary M. Bauman, DO, MHA, FACOS, FACS
10:30 AM	<b>Winners Poster Session</b> <i>Moderators:</i> Esther M.M. Van Lieshout, PhD, MSc; Marko Bukur, MD, FACS; <i>Coordinator:</i> TBA
11:30 AM	<b>CWIS Town Hall: Current and Future Issues?</b> Andrew R. Doben, MD, FACS; Babak Sarani, MD, FACS, FCCM; Thomas W. White, MD, FACS, CNSC; Zachary M. Bauman, DO, MHA, FACOS, FACS
12:00 PM	<b>LUNCH</b>
12:45 PM	<b>CWIS – KLS Martin Resident Research Fellowship in Chest Wall Injury Outcomes Award 2022 Research Project Review</b> Thomas Zachary Paull, MD; <b>2023 Research Award Presentation</b> Brittany Levy, MD
1:15 PM	<b>CWIS Collaborative Centers</b> Evert A. Eriksson, MD, FACS, FCCM, FCCP
	<b>SCIENTIFIC SESSION #6</b> <i>Moderator:</i> Pieter Jean van Huijstee, MD, PhD; <i>Coordinator:</i> TBA
	<b>External Validation of Novel Revised Intensity Battle (RIB) Score and Comparison of Static Rib Fracture Scoring Systems</b> <i>Presenter:</i> Carl Buchholz, MD; <i>Discussant:</i> Mustafa Al-Jubouri, MD, FACS, MRCSI
1:30 PM	<b>Surgical Stabilization of Rib Fractures is Associated with Better Return on Investment for a Healthcare Institution than Non-Operative Management</b> <i>Presenter:</i> Zachary M. Bauman, DO, MHA, FACOS, FACS; <i>Discussant:</i> Forest R. Sheppard, MD, FACS
	<b>Return to Activity Recommendations and Standard Care Following Surgical Stabilisation of Rib Fractures: A survey of surgeons' practice patterns and perspectives</b> <i>Presenter:</i> Phillip Antippa, MBBS, MPH, FRACS; <i>Discussant:</i> Michel Wagner, MD, FACS
	<b>Neutrophil-lymphocyte Ratio is Associated with Mortality in Rib Fracture Patients</b> <i>Presenter:</i> Avanti Badrinathan, MD; <i>Discussant:</i> Jacques Townsend, DO
	<b>Anatomy of the Anterior Ribs and the Composition of the Costal Margin: A Pilot Study</b> <i>Presenter:</i> Arjun Patel, MD; <i>Discussant:</i> Mario G. Gasparri, MD, FACS
2:30 PM	<b>BREAK</b>
2:45 PM	<b>Call the attending! Oh wait....that's me!</b> Bradley Faliks, MD; Jordan Kirsch, DO
3:15 PM	<b>Awards Presentation</b> CWISummit Program Committee
3:30 PM	<b>Presidential Transfer</b> Zachary M. Bauman, DO, MHA, FACOS, FACS and Andrew R. Doben, MD, FACS
3:45 PM	<b>Closing Remarks</b> Thomas W. White, MD, FACS, CNSC
4:00 PM	<b>ADJOURN</b>