## Management of multiple rib fractures and flail chest — in-hospital management of adults 16 years of age or older

## **Guidelines referenced**

ORGANIZATION	TITLE, YEAR	CITATION	GRADING SYSTEM
Eastern Association for the Surgery of Trauma	Pain management for blunt thoracic trauma: A joint practice management guideline from the Eastern Association for the Surgery of Trauma and Trauma Anesthesiology Society, 2016 <sup>1</sup>	EAST/TAS 2016	GRADE Framework
American Pain Society	Management of Postoperative Pain: A Clinical Practice Guideline from the American Pain Society, the American Society of Regional Anesthesia and Pain Medicine, and the American Society of Anesthesiologists' Committee on Regional Anesthesia, Executive Committee, and Administrative Council, 2016 <sup>2</sup>	APS	Systemic review of literature and Delphi method
Eastern Association for the Surgery of Trauma	Operative fixation of rib fractures after blunt trauma: A practice management guideline from the Eastern Association for the Surgery of Trauma, 2017 <sup>3</sup>	EAST 2017	GRADE Framework
<b>Rib Fracture Colloquium</b> (Park City, UT, March 19–20, 2016)	Consensus statement: Surgical stabilization of rib fractures rib fracture colloquium clinical practice guidelines, 2017 <sup>4</sup>	Colloquium	GRADE and Delphi methods
Eastern Association for the Surgery of Trauma	Management of pulmonary contusion and flail chest: An Eastern Association for the Surgery of Trauma practice management guideline, 2012 <sup>2</sup>	EAST 2012	Level 1: Convincingly justifiable based on available scientific information alone. Supported by prospective randomized studies or prospective, noncomparative studies or retrospective series with controls. Level 2: Reasonably justifiable by available scientific evidence and strongly supported by expert opinion. Supported by prospective, noncomparative studies or retrospective series with controls or a preponderance of retrospective analyses. Level 3: Supported by available data but lacking adequate evidence. Supported by retrospective analyses.