Guidelines and Guidance

Guidance

**Ebola infection prevention and control guidance for emergency departments**
From: Public Health England
First published: 20 November 2014

**Summary guidance for acute trust staff: identifying and managing patients who require assessment for Ebola virus disease**
(Public Health England, October 2014)

**Paediatric trauma radiology protocols**
(RCR, Sept 2014)

The International Federation for Emergency Medicine framework for quality and safety in the emergency department
Fiona Lecky, Jonathan Benger, Suzanne Mason, Peter Cameron, Chris Walsh, On behalf of the IFEM Quality Symposium Working Group
Emerg Med J 2014;31:926-929
[Abstract]

Journal articles

Analgesia and Anaesthesia

**Analgesic efficacy of local infiltration analgesia in hip and knee arthroplasty: a systematic review**
L. Ø. Andersen and H. Kehlet
Br. J. Anaesth. 2014 113: 360-374
[Abstract]

Regional analgesia in the emergency department for hip fractures: survey of current UK practice and its impact on services in a teaching hospital
Anwar Rashid, Eleanor Beswick, Svetlana Galitzine, Laurence Fitton
Emerg Med J 2014;31:909-913
[Abstract]
Opioid Analgesia for Acute Abdominal Pain in Children: A Systematic Review and Meta-analysis
Naveen Poonai, David Paskar, Shauna-Lee Konrad, Michael Rieder, Gary Joubert, Rodrick Lim, Asieh Golozar, Sefu Uledi, Andrew Worster and Samina Ali
Academic Emergency Medicine, November 2014, 21(11), (pages 1183–1192)

Low-dose Ketamine Improves Pain Relief in Patients Receiving Intravenous Opioids for Acute Pain in the Emergency Department: Results of a Randomized, Double-blind, Clinical Trial
Francesca L. Beaudoin, Charlie Lin, Wentao Guan and Roland C. Merchant
Academic Emergency Medicine, November 2014, 21(11), (pages 1193–1202)

Bleeding/Coagulation

Trauma Bleeding Management: The Concept of Goal-Directed Primary Care
Schöchl, Herbert MD; Schlimp, Christoph J. MD

Use of the Trauma Embolic Scoring System (TESS) to predict symptomatic deep vein thrombosis and fatal and non-fatal pulmonary embolism in severely injured patients
KM. Ho, S. Rao, KJ. Rittenhouse, FB. Rogers
Anaesthesia and Intensive Care, November 2014, Volume 42, Issue 6, November 2014, 709-714

Transfusion of stored red blood cells in trauma patients is not associated with increased procoagulant microparticles
Dhillon, Satbir K. MD; Houck, Mindy L. PA-C; Jenkins, Donald H. MD; Rosedahl, Jordan K.; Harmsen, William S. MS; Halling, Timothy M.; Park, Myung S. MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 674-678

Low level of procoagulant platelet microparticles is associated with impaired coagulation and transfusion requirements in trauma patients
Windeløv, Nis Agerlin MD, PhD; Johansson, Pär Ingemar MD, MPA, DMSc; Sørensen, Anne Marie MD, PhD; Perner, Anders MD, PhD; Wanscher, Michael MD, PhD; Larsen, Claus Falck MD, DMSc; Ostrowski, Sisse Rye MD, PhD, DMSc; Rasmussen, Lars Simon MD, PhD, DMSc
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 692-700

Injuries

Impaction bone grafting for periprosthetic fractures around a total hip arthroplasty
Bishoy Youssef, George Pavlou, Nikhil Shah, George Macheras, Eleftherios Tsiridis
Injury, November 2014, 45(11), p1674–1680

The epidemiology of firework-related injuries in the United States: 2000–2010
Justin Xavier Moore, Gerald McGwin, Russell L. Griffin
Injury, November 2014, 45(11), p1704–1709

Mortality in cancer patients after a fall-related injury: The impact of cancer spread and type
April Toomey, Lee Friedman
Injury, November 2014, 45(11), p1710–1716

Sudden survival improvement in critical neurotrauma: An exploratory analysis using a stratified statistical process control technique
Signe Søvik, Nils Oddvar Skaga, Rolf Hanoa, Torsten Eken
Injury, November 2014, 45(11), p1722–1730

Health-related quality of life after upper extremity injuries and predictors for suboptimal outcome
C.E. de Putter, R.W. Selles, J.A. Haagsma, S. Polinder, M.J.M. Panneman, S.E.R. Hovius, A. Burdorf, E.F. van Beeck
Injury, November 2014, 45(11), p1752–1758
Responsiveness of SF-36 and Lower Extremity Functional Scale for assessing outcomes in traumatic injuries of lower extremities
Shin-Liang Pan, Huey-Wen Liang, Wen-Hsuan Hou, Tian-Shin Yeh
Injury, November 2014, 45(11), p1759–1763

Potential pathogenic mechanism for stress fractures of the bowed femoral shaft in the elderly: Mechanical analysis by the CT-based finite element method
Yoto Oh, Yoshiaki Wakabayashi, Yoshiro Kurosa, Koji Fujita, Atsushi Okawa
Injury, November 2014, 45(11), p1764–1771

Accelerated rehabilitation following Achilles tendon repair after acute rupture – Development of an evidence-based treatment protocol
Mareen Brumann, Sebastian F. Baumbach, Wolf Mutschler, Hans Polzer
Injury, November 2014, 45(11), p1782–1790

Initial Management of Ankle Fractures in the Overweight and Obese: The Providence Pinch
P. Kaveh Mansuripur, Matthew E. Deren, Roman Hayda, Christopher T. Born

Time to Initial Operative Treatment Following Open Fracture Does Not Impact Development of Deep Infection: A Prospective Cohort Study of 736 Subjects
Weber, Donald MD, FRCS; Dulai, Sukhdeep K. MD, MSc, FRCS; Bergman, Joseph MD, FRCS; Buckley, Richard MD, FRCS; Beaufre, Lauren A. PT, PhD

Critical-Sized Defect in the Tibia: Is it Critical? Results From the SPRINT Trial
Sanders, David W. MD; Bhandari, Mohit MD; Guyatt, Gordon PhD; Heels-Ansdell, Diane PhD; Schemitsch, Emil H. MD; Swiontkowski, Marc MD; Tornetta, Paul III MD; Walter, Stephen PhD; on behalf of the SPRINT Investigators

Proximal Humerus Fractures With Associated Axillary Artery Injury
Thorsness, Robert MD; English, Christopher MD; Gross, Jonathan MD; Tyler, Wakenda MD; Voloshin, Ilya MD; Gorczyca, John MD

Upper Cervical Spine Trauma
Richard J. Bransford, Timothy B. Alton, Amit R. Patel, and Carlo Bellabarba
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O’Connor, James V. MD; DuBose, Joseph J. MD; Scalea, Thomas M. MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 660-665

Trauma center angiography use in high-grade blunt splenic injuries: Timing is everything
Zarzaur, Ben L. MD, MPH; Savage, Stephanie A. MD, MS; Croce, Martin A. MD; Fabian, Timothy C. MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 666-673

The peril of thoracoabdominal firearm trauma: 984 civilian injuries reviewed
Berg, Regan J. MD; Inaba, Kenji MD; Okoye, Obi MD; Karamanos, Efstathios MD; Strumwasser, Aaron MD; Chouliaras, Konstantinos MD; Teixeira, Pedro G. MD; Demetriades, Demetrios MD, PhD
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Blunt traumatic abdominal wall hernias: Associated injuries and optimal timing and method of repair
Erythropoietin for critically ill trauma patients: A missed opportunity?
Corwin, Howard L. MD; Napolitano, Lena M. MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 774-779

Optimal timing of femur fracture stabilization in polytrauma patients: A practice management guideline from the Eastern Association for the Surgery of Trauma
Gandhi, Rajesh R. MD; Overton, Tiffany L. MPH; Haut, Elliott R. MD, PhD; Lau, Brandyn MPH; Vallier, Heather A. MD; Rohs, Thomas MD; Hasenboehler, Erik MD; Lee, Jane Kayle MD; Alley, Darrell MD; Watters, Jennifer MD; Rogers, Frederick B. MD; Shafi, Shahid MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 787-795

Rib fractures: comparison of associated injuries between pediatric and adult population
Boris Kessel, Jasmin Dagan, Forat Swaid, Itamar Ashkenazi, Oded Olsha, Kobi Peleg, Adi Givon, Israel Trauma Group, Ricardo Alfici

Nursing in Trauma

Acute Care Nurse Practitioners in Trauma Care: Results of a Role Survey and Implications for the Future of Health Care Delivery
Noffsinger, Dana L.
Journal of Trauma Nursing: November/December 2014 - Volume 21 - Issue 6 - p 266-271

Detection of Missed Injuries in a Pediatric Trauma Center With the Addition of Acute Care Pediatric Nurse Practitioners
Resler, Julia; Hackworth, Jodi; Mayo, Erin; Rouse, Thomas M.

Blunt Chest Trauma
Stewart, Daphne J.

Against Medical Advice
Bartley, Marilynn Kyritsis

Paediatric Trauma

A new technique for stabilization of injuries at C2–C3 in young children
Kamal Hamoud, Janan Abbas
Injury, November 2014, 45(11), p1791–1795

Acute Coagulopathy in Children with Multiple Trauma: A Retrospective Study
George Sakellaris, Evangelos Blevrakis, Ioannis Petrakis, Anastasia Dimopoulou, Olga Dede, Nikolaos Partalis, Athanasios Alegakis, Chrysa Seremeti, Anna Maria Spanaki, George Briassoulis
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Pediatric Refracture Rates After Angulated and Completely Displaced Clavicle Shaft Fractures
Masnovi, Michelle E. MS; Mehlman, Charles T. DO, MPH; Eismann, Emily A. MS; Matey, Douglas A. DO

Complications of Tibial Eminence and Diaphyseal Fractures in Children: Prevention and Treatment
Martin J. Herman, Melissa A. Martinek, and Joshua M. Abzug
Evaluating the Pediatric Early Warning Score (PEWS) System for Admitted Patients in the Pediatric Emergency Department
Delia L. Gold, Leslie K. Mihalov and Daniel M. Cohen
Academic Emergency Medicine, November 2014, 21(11), (pages 1249–1256)

Pre-Hospital Care

The accuracy of alternative triage rules for identification of significant traumatic brain injury: a diagnostic cohort study
Gordon Fuller, Thomas Lawrence, Maralyn Woodford, Fiona Lecky
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What do the people who transport trauma patients know about tourniquets?
Wall, Piper L. DVM, PhD; Welander, John D. MD; Smith, Hayden L. PhD; Buising, Charisse M. PhD; Sahr, Sheryl M. MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 734-742

Radiology in Trauma

Upright Versus Supine Radiographs of Clavicle Fractures: Does Positioning Matter?
Backus, Jonathon D. MD; Merriman, David J. MD; McAndrew, Christopher M. MD; Gardner, Michael J. MD; Ricci, William M. MD

Resuscitation

Surgical Technique

Is primary total elbow arthroplasty safe for the treatment of open intra-articular distal humerus fractures?
Michael S. Linn, Michael J. Gardner, Christopher M. McAndrew, Bethany Gallagher, William M. Ricci
Injury, November 2014, 45(11), p1747–1751

Salvage of infected intramedullary knee arthrodesis with vascularized free fibula and staged fixation
Pedro C. Cavadas, Alessandro Thione, Alberto Perez-Garcia, Concepción Lorca-Garcia, Fernando Aranda-Romero
Injury, November 2014, 45(11), p1772–1775

The distally pedicled gracilis flap for salvage of complex knee wounds
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A new technique for stabilization of injuries at C2–C3 in young children
Kamal Hamoud, Janan Abbas
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Interfragmentary Suture Fixation for Displaced Acute Type II Distal Clavicle Fractures
Duralde, Xavier A. MD; Pennington, Scott D. MD; Murray, Douglas H. MD

Fixation of Unstable Type II Clavicle Fractures With Distal Clavicle Plate and Suture Button
Trauma Unit Management

**Effects of unconsciousness during spinal immobilization on tissue-interface pressures: A randomized controlled trial comparing a standard rigid spineboard with a newly developed soft-layered long spineboard**
Baukje Hemmes, Peter R.G. Brink, Martijn Poeze
Injury, November 2014, 45(11), p1741–1746

Development of hospital disaster resilience: conceptual framework and potential measurement
Shuang Zhong, Michele Clark, Xiang-Yu Hou, Yu-Li Zang, Gerard Fitzgerald
Emerg Med J 2014;31:930-938
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**Substantial Improvement in Prophylactic Antibiotic Administration for Open Fracture Patients: Results of a Performance Improvement Program**
Collinge, Cory A.; McWilliam-Ross, Kindra; Kelly, Kevin C.; Dombroski, Derek

**Natural History of Anterior Chest Wall Numbness After Plating of Clavicle Fractures: Educating Patients**
Christensen, Thomas J. MD; Horwitz, Daniel S. MD†; Kubiak, Erik N. MD

**Barriers to implementing the World Health Organization’s Trauma Care Checklist: A Canadian single-center experience**
Nolan, Brodie MD; Zakirova, Rimma MD, PhD; Bridge, Jennifer MPA, MHSc; Nathens, Avery B. MD, PhD; Stelfox, Henry Thomas MD, PhD
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**Establishing components of high-quality injury care: Focus groups with patients and patient families**
Gagliardi, Anna R. PhD; Boyd, Jamie M.; Evans, David MD; Gerein, Lynn; Nathens, Avery MD, PhD; Stelfox, Henry Thomas MD, PhD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 749-756

**The definition of polytrauma revisited: An international consensus process and proposal of the new ‘Berlin definition’**
Pape, Hans-Christoph MD; Lefering, Rolf PhD; Butcher, Nerida MD; Peitzman, Andrew MD; Leenen, Luke MD; Marzi, Ingo MD; Lichte, Philip MD; Josten, Christoph MD; Bouillon, Bertil; Schmucker, Uli PhD; Stahel, Philip MD; Giannoudis, Peter MD; Balogh, Zsolt MD
Journal of Trauma and Acute Care Surgery: November 2014 - Volume 77 - Issue 5 - p 780-786

**Can trauma surgeons manage mild traumatic brain injuries?**
Tiffany L. Overton, Shahid Shafi, George F. Cravens, Rajesh R. Gandhi

**Comparison of PIRO, SOFA, and MEDS Scores for Predicting Mortality in Emergency Department Patients With Severe Sepsis and Septic Shock**
Stephen P. J. Macdonald, Glenn Arendts, Daniel M. Fatovich and Simon G. A. Brown
Academic Emergency Medicine, November 2014, 21(11), (pages 1257–1263)

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