

ICM7077 - Emergency Care

This module is designed to give students the opportunity to review a wide range of acute medical pathophysiology-disease processes that underpin acute illness, and the skills to manage them.

View Online



'A Universal FGM Flowchart and Reporting Tool'. n.d.
https://rcem.ac.uk/wp-content/uploads/2021/10/QEC_Guideline_Information_Sharing_to_Reduce_Community_Violence_Sept2017.pdf.

'Acute Coronary Syndromes (ACS) in Patients Presenting without Persistent ST-Segm'. n.d.
<https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/Acute-Coronary-Syndrome-s-ACS-in-patients-presenting-without-persistent-ST-segm>.

Adroge, H. J., and N. E. Madias. 2012. 'The Challenge of Hyponatremia'. *Journal of the American Society of Nephrology* 23 (7): 1140–48.
<https://doi.org/10.1681/ASN.2012020128>.

Ahmad, Faiz U., Robert M. Starke, Ricardo J. Komotar, and E. Sander Connolly. 2016. 'A Randomized Clinical Trial of Hypothermia as a Preferred Second-Line Treatment for Elevated Intracranial Pressure After Traumatic Brain Injury'. *Neurosurgery* 78 (2): N10–11.
<https://doi.org/10.1227/NEU.0000000000001171>.

Andrews, Peter J.D., H. Louise Sinclair, Aryelly Rodriguez, Bridget A. Harris, Claire G. Battison, Jonathan K.J. Rhodes, and Gordon D. Murray. 2015a. 'Hypothermia for Intracranial Hypertension after Traumatic Brain Injury'. *New England Journal of Medicine* 373 (25): 2403–12. <https://doi.org/10.1056/NEJMoa1507581>.

———. 2015b. 'Hypothermia for Intracranial Hypertension after Traumatic Brain Injury'. *New England Journal of Medicine* 373 (25): 2403–12.
<https://doi.org/10.1056/NEJMoa1507581>.

Ayling, O.G.S., J. Montbriand, J. Jiang, S. Ladak, L. Love, N. Eisenberg, J. Katz, H. Clarke, and G. Roche-Nagle. 2014. 'Continuous Regional Anaesthesia Provides Effective Pain Management and Reduces Opioid Requirement Following Major Lower Limb Amputation'. *European Journal of Vascular and Endovascular Surgery* 48 (5): 559–64.
<https://doi.org/10.1016/j.ejvs.2014.07.002>.

Beard, David J, and Paul Wood. 2015. 'Pain in Complex Trauma: Lessons from Afghanistan'. *BJA Education* 15 (4): 207–12. <https://doi.org/10.1093/bjaceaccp/mku035>.

Bernal, William, William M. Lee, Julia Wendon, Fin Stolze Larsen, and Roger Williams. 2015. 'Acute Liver Failure: A Curable Disease by 2024?' *Journal of Hepatology* 62 (1): S112–20.
<https://doi.org/10.1016/j.jhep.2014.12.016>.

Bernal, William, and Julia Wendon. 2013. 'Acute Liver Failure'. *New England Journal of*

Medicine 369 (26): 2525–34. <https://doi.org/10.1056/NEJMra1208937>.

Blaivas, Michael, Srikar Adhikari, and Lina Lander. 2011. 'A Prospective Comparison of Procedural Sedation and Ultrasound-Guided Interscalene Nerve Block for Shoulder Reduction in the Emergency Department'. *Academic Emergency Medicine* 18 (9): 922–27. <https://doi.org/10.1111/j.1553-2712.2011.01140.x>.

Brown, Sara A., Ellen Axenfeld, Elizabeth G. Stonesifer, William Hutson, Steven Hanish, Jean-Pierre Raufman, and Nathalie H. Urrunaga. 2018. 'Current and Prospective Therapies for Acute Liver Failure'. *Disease-a-Month* 64 (12): 493–522. <https://doi.org/10.1016/j.disamonth.2018.04.002>.

'BTS/SIGN British Guideline on the Management of Asthma | British Thoracic Society | Better Lung Health for All'. n.d. <https://www.brit-thoracic.org.uk/standards-of-care/guidelines/btssign-british-guideline-on-the-management-of-asthma/>.

Carney, Nancy, Annette M. Totten, Cindy O'Reilly, Jamie S. Ullman, Gregory W.J. Hawryluk, Michael J. Bell, Susan L. Bratton, et al. 2016. 'Guidelines for the Management of Severe Traumatic Brain Injury, Fourth Edition'. *Neurosurgery*, September. <https://doi.org/10.1227/NEU.0000000000001432>.

Carrie, Cédric, Laurent Stecken, Elsa Cayrol, Vincent Cottenceau, Laurent Petit, Philippe Revel, Matthieu Biais, and François Sztark. 2018. 'Bundle of Care for Blunt Chest Trauma Patients Improves Analgesia but Increases Rates of Intensive Care Unit Admission: A Retrospective Case-Control Study'. *Anaesthesia Critical Care & Pain Medicine* 37 (3): 211–15. <https://doi.org/10.1016/j.accpm.2017.05.008>.

'Chapter 11. Use of Hyperosmolar Therapy in the Management of Severe Pediatric Traumatic Brain Injury'. n.d. *Pediatric Critical Care Medicine* 4 (3). <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=00130478-200307001-00012&LSLINK=80&D=ovft>.

Chauny, Jean-Marc, Martin Marquis, Francis Bernard, David Williamson, Martin Albert, Mathieu Laroche, and Raoul Daoust. 2016. 'Risk of Delayed Intracranial Hemorrhage in Anticoagulated Patients with Mild Traumatic Brain Injury: Systematic Review and Meta-Analysis'. *The Journal of Emergency Medicine* 51 (5): 519–28. <https://doi.org/10.1016/j.jemermed.2016.05.045>.

Chris Lipp. n.d. 'Analgesia in the Emergency Department: A GRADE-Based Evaluation of Research Evidence and Recommendations for Practice'. *Critical Care* 17 (2). <https://doi.org/10.1186/cc12521>.

'Consent in Adults, Adolescents and Children in Emergency Departments'. n.d. https://rcem.ac.uk/wp-content/uploads/2021/10/Consent_Guidance_Revised_Jan2018.pdf. Costantino, Giorgio, Benjamin C. Sun, Franca Barbic, Ilaria Bossi, Giovanni Casazza, Franca Dipaola, Daniel McDermott, et al. 2016. 'Syncope Clinical Management in the Emergency Department: A Consensus from the First International Workshop on Syncope Risk Stratification in the Emergency Department'. *European Heart Journal* 37 (19): 1493–98. <https://doi.org/10.1093/eurheartj/ehv378>.

Cremers, A. J. H., T. Sprong, J. A. Schouten, G. Walraven, P. W. M. Hermans, J. F. Meis, and

- G. Ferwerda. 2014. 'Effect of Antibiotic Streamlining on Patient Outcome in Pneumococcal Bacteraemia'. *Journal of Antimicrobial Chemotherapy* 69 (8): 2258–64. <https://doi.org/10.1093/jac/dku109>.
- Crompton, Ellie M., Irina Lubomirova, Ioana Cotlarciuc, Thang S. Han, Sapna D. Sharma, and Pankaj Sharma. 2017. 'Meta-Analysis of Therapeutic Hypothermia for Traumatic Brain Injury in Adult and Pediatric Patients*'. *Critical Care Medicine* 45 (4): 575–83. <https://doi.org/10.1097/CCM.0000000000002205>.
- D'Ascenzo, Fabrizio, Giuseppe Biondi-Zoccai, Matthew J. Reed, Gelareh Z. Gabayan, Masaru Suzuki, Giorgio Costantino, Raffaello Furlan, et al. 2013. 'Incidence, Etiology and Predictors of Adverse Outcomes in 43,315 Patients Presenting to the Emergency Department with Syncope: An International Meta-Analysis'. *International Journal of Cardiology* 167 (1): 57–62. <https://doi.org/10.1016/j.ijcard.2011.11.083>.
- 'Diabetic Foot Problems: Prevention and Management | Guidance and Guidelines | NICE'. n.d. <https://www.nice.org.uk/guidance/ng19>.
- 'Diabetic Ketoacidosis and Hyperglycaemic Hyperosmolar State - Acute and Chronic Complications of Diabetes - Diapedia, The Living Textbook of Diabetes'. n.d. <https://www.diapedia.org/acute-and-chronic-complications-of-diabetes/71040851425/diabetic-ketoacidosis-and-hyperglycaemic-hyperosmolar-state>.
- Ducros, A., and M.-G. Bousser. 2013. 'Thunderclap Headache'. *BMJ* 346 (jan08 15): e8557–e8557. <https://doi.org/10.1136/bmj.e8557>.
- 'ED Patients in Police Custody'. n.d. https://rcem.ac.uk/wp-content/uploads/2021/10/ED_Patients_in_Police_Custody_revised_Jun_e2016.pdf.
- Edlow, Jonathan A., and Louis R. Caplan. 2000. 'Avoiding Pitfalls in the Diagnosis of Subarachnoid Hemorrhage'. *New England Journal of Medicine* 342 (1): 29–36. <https://doi.org/10.1056/NEJM200001063420106>.
- 'Efficacy of Postoperative Patient-Controlled and Continuous Infusion Epidural Analgesia versus Intravenous Patient-Controlled Analgesia with Opioids: A Meta-Analysis'. n.d. *Anesthesiology* 103 (5): 1079–88. <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=00000542-200511000-00023&LSLINK=80&D=ovft>.
- Fernandes, Peter M, William N Whiteley, Simon R Hart, and Rustam Al-Shahi Salman. 2013. 'Strokes: Mimics and Chameleons'. *Practical Neurology* 13 (1): 21–28. <https://doi.org/10.1136/practneurol-2012-000465>.
- 'Fever Control Management Is Preferable to Mild Therapeutic Hypothermia in Traumatic Brain Injury Patients with Abbreviated Injury Scale 3–4: A Multi-Center, Randomized Controlled Trial | Journal of Neurotrauma'. n.d. <https://www.liebertpub.com/doi/abs/10.1089/neu.2015.4033>.
- 'Fever in the Returning Traveller - Initial Assessment and Triage'. n.d. https://www.bmj.com/content/bmj/suppl/2018/01/25/bmj.j5773.DC1/fever_diff_v38_web.pdf.

Fink, Doug, Robert Serafino Wani, and Victoria Johnston. 2018. 'Fever in the Returning Traveller'. *BMJ*, January. <https://doi.org/10.1136/bmj.j5773>.

Fleming, Ian, and Christian Egeler. 2014. 'Regional Anaesthesia for Trauma: An Update'. *Continuing Education in Anaesthesia Critical Care & Pain* 14 (3): 136–41. <https://doi.org/10.1093/bjaceaccp/mkt048>.

Franko, Jan, Karen J. Kish, Brendan G. O'Connell, Sujata Subramanian, and James V. Yuschak. 2006. 'Advanced Age and Preinjury Warfarin Anticoagulation Increase the Risk of Mortality After Head Trauma'. *The Journal of Trauma: Injury, Infection, and Critical Care* 61 (1): 107–10. <https://doi.org/10.1097/01.ta.0000224220.89528.fc>.

Fu, Peter, Paul D. Weyker, and Christopher A. J. Webb. 2017. 'Case Report of Serratus Plane Catheter for Pain Management in a Patient With Multiple Rib Fractures and an Inferior Scapular Fracture'. *A & A Case Reports* 8 (6): 132–35. <https://doi.org/10.1213/XAA.0000000000000431>.

Galvagno, Samuel Michael, Charles E. Smith, Albert J. Varon, Erik A. Hasenboehler, Shahnaz Sultan, Gregory Shaefer, Kathleen B. To, et al. 2016. 'Pain Management for Blunt Thoracic Trauma'. *Journal of Trauma and Acute Care Surgery* 81 (5): 936–51. <https://doi.org/10.1097/TA.0000000000001209>.

Goldstein, Lee E., and Ann C. McKee. 2017. 'Shining (Laser) Light on Traumatic Brain Injury Blood Biomarkers'. *JAMA Neurology* 74 (9). <https://doi.org/10.1001/jamaneurol.2017.0800>.

'Guidelines for the Management of Excited Delirium / Acute Behavioural Disturbance (ABD)'. n.d.

https://rcem.ac.uk/wp-content/uploads/2022/01/Acute_Behavioural_Disturbance_Final.pdf.

Hankey, Graeme J. 2002. *Stroke: Your Questions Answered*. Edinburgh: Churchill Livingstone.

Hasan, Tasneem F., Alejandro A. Rabinstein, Erik H. Middlebrooks, Neil Haranhalli, Scott L. Silliman, James F. Meschia, and Rabih G. Tawk. 2018. 'Diagnosis and Management of Acute Ischemic Stroke'. *Mayo Clinic Proceedings* 93 (4): 523–38. <https://doi.org/10.1016/j.mayocp.2018.02.013>.

Hawker, J. I., S. Smith, G. E. Smith, R. Morbey, A. P. Johnson, D. M. Fleming, L. Shallcross, and A. C. Hayward. 2014. 'Trends in Antibiotic Prescribing in Primary Care for Clinical Syndromes Subject to National Recommendations to Reduce Antibiotic Resistance, UK 1995-2011: Analysis of a Large Database of Primary Care Consultations'. *Journal of Antimicrobial Chemotherapy* 69 (12): 3423–30. <https://doi.org/10.1093/jac/dku291>.

'HEART Score'. n.d. <http://www.heartscore.nl/>.

'HEART Score for Major Cardiac Events - MDCalc'. n.d.

<https://www.mdcalc.com/heart-score-major-cardiac-events#next-steps>.

Howard, Jerry Lee, Mark D. Cipolle, Sarah A. Horvat, Victoria M. Sabella, James F. Reed, Gerard Fulda, Glen Tinkoff, and Michael D. Pasquale. 2009. 'Preinjury Warfarin Worsens

Outcome in Elderly Patients Who Fall From Standing'. *The Journal of Trauma: Injury, Infection, and Critical Care* 66 (6): 1518–24.
<https://doi.org/10.1097/TA.0b013e3181a59728>.

'IAP Publish Information Sharing Statement « Independent Advisory Panel on Deaths in Custody'. n.d.
<https://www.iapondeathsincustody.org/s/IAP-Information-Sharing-Statement.pdf>.

'Information Sharing to Reduce Community Violence'. n.d.
https://rcem.ac.uk/wp-content/uploads/2021/10/QEC_Guideline_Information_Sharing_to_Reduce_Community_Violence_Sept2017.pdf.

Johnston, Victoria, Jane M. Stockley, David Dockrell, David Warrell, Robin Bailey, Geoffrey Pasvol, John Klein, et al. 2009. 'Fever in Returned Travellers Presenting in the United Kingdom: Recommendations for Investigation and Initial Management'. *Journal of Infection* 59 (1): 1–18. <https://doi.org/10.1016/j.jinf.2009.05.005>.

Larsen, Fin Stolze, Lars Ebbe Schmidt, Christine Bernsmeier, Allan Rasmussen, Helena Isoniemi, Vishal C. Patel, Evangelos Triantafyllou, et al. 2016. 'High-Volume Plasma Exchange in Patients with Acute Liver Failure: An Open Randomised Controlled Trial'. *Journal of Hepatology* 64 (1): 69–78. <https://doi.org/10.1016/j.jhep.2015.08.018>.

Lecky, Fiona E, Mahad Omar, Omar Bouamra, Tom Jenks, Antoinette Edwards, Ceri E Battle, and Phillip A Evans. 2015. 'The Effect of Preinjury Warfarin Use on Mortality Rates in Trauma Patients: A European Multicentre Study'. *Emergency Medicine Journal* 32 (12): 916–20. <https://doi.org/10.1136/emermed-2014-203959>.

Maas, Andrew I R, David K Menon, P David Adelson, Nada Andelic, Michael J Bell, Antonio Belli, Peter Bragge, et al. 2017. 'Traumatic Brain Injury: Integrated Approaches to Improve Prevention, Clinical Care, and Research'. *The Lancet Neurology* 16 (12): 987–1048.
[https://doi.org/10.1016/S1474-4422\(17\)30371-X](https://doi.org/10.1016/S1474-4422(17)30371-X).

Maisel, Alan S., Padma Krishnaswamy, Richard M. Nowak, James McCord, Judd E. Hollander, Philippe Duc, Torbjørn Omland, et al. 2002. 'Rapid Measurement of B-Type Natriuretic Peptide in the Emergency Diagnosis of Heart Failure'. *New England Journal of Medicine* 347 (3): 161–67. <https://doi.org/10.1056/NEJMoa020233>.

'Management of Domestic Abuse'. n.d.
https://rcem.ac.uk/wp-content/uploads/2021/10/Management_of_Domestic_Abuse_March2015.pdf.

'Management of Hyperkalaemia'. n.d. <http://www.rcpe.ac.uk/sites/default/files/Maxwell.pdf>.

Mason, Suzanne, Maxine Kuczawski, M Dawn Teare, Matt Stevenson, Steve Goodacre, Shammi Ramlakhan, Francis Morris, and Joanne Rothwell. 2017. 'AHEAD Study: An Observational Study of the Management of Anticoagulated Patients Who Suffer Head Injury'. *BMJ Open* 7 (1). <https://doi.org/10.1136/bmjopen-2016-014324>.

Mason, Suzanne, Maxine Kuczawski, Marion D Teare, Matthew Stevenson, Michael Holmes, Shammi Ramlakhan, Steve Goodacre, Francis Morris, and Rosemary Harper. 2014a. 'THE AHEAD STUDY: MANAGING ANTICOAGULATED PATIENTS WHO SUFFER HEAD INJURY'.

Emergency Medicine Journal 31 (9): 775.1-775.
<https://doi.org/10.1136/emmermed-2014-204221.1>.

———. 2014b. 'THE AHEAD STUDY: MANAGING ANTICOAGULATED PATIENTS WHO SUFFER HEAD INJURY'. Emergency Medicine Journal 31 (9): 775.1-775.
<https://doi.org/10.1136/emmermed-2014-204221.1>.

'Memorandum of Understanding – The Police Use of Restraint in Mental Health & Learning Disability Settings'. n.d.
https://rcem.ac.uk/wp-content/uploads/2021/11/Police_Use_of_Restraint_in_Mental_Health_and_LD_Settings.pdf.

Montague, B. T., J. R. Ouellette, and G. K. Buller. 2008. 'Retrospective Review of the Frequency of ECG Changes in Hyperkalemia'. Clinical Journal of the American Society of Nephrology 3 (2): 324–30. <https://doi.org/10.2215/CJN.04611007>.

Moss, Alastair J., Michelle C. Williams, David E. Newby, and Edward D. Nicol. 2017. 'The Updated NICE Guidelines: Cardiac CT as the First-Line Test for Coronary Artery Disease'. Current Cardiovascular Imaging Reports 10 (5).
<https://doi.org/10.1007/s12410-017-9412-6>.

Moya, A., R. Sutton, F. Ammirati, J.-J. Blanc, M. Brignole, J. B. Dahm, J.-C. Deharo, et al. 2009. 'Guidelines for the Diagnosis and Management of Syncope (Version 2009): The Task Force for the Diagnosis and Management of Syncope of the European Society of Cardiology (ESC)'. European Heart Journal 30 (21): 2631–71. <https://doi.org/10.1093/eurheartj/ehp298>.

Muir, Keith W, Gary A Ford, Claudia-Martina Messow, Ian Ford, Alicia Murray, Andrew Clifton, Martin M Brown, et al. 2017. 'Endovascular Therapy for Acute Ischaemic Stroke: The Pragmatic Ischaemic Stroke Thrombectomy Evaluation (PISTE) Randomised, Controlled Trial'. Journal of Neurology, Neurosurgery & Psychiatry 88 (1): 38–44.
<https://doi.org/10.1136/jnnp-2016-314117>.

'NaTHNaC | Launchpad to Services'. n.d. <https://nathnac.net/>.

'National Review of Asthma Deaths | RCP London'. n.d.
<https://www.rcplondon.ac.uk/projects/national-review-asthma-deaths>.

'NCEPOD - Non-Invasive Ventilation: Inspiring Change (2017)'. n.d.
<http://www.ncepod.org.uk/2017niv.html>.

Oram, R. A., T. J. McDonald, and B. Vaidya. 2013. 'Investigating Hypokalaemia'. BMJ 347 (sep24 1): f5137–f5137. <https://doi.org/10.1136/bmj.f5137>.

Pieracci, Fredric M., Soumitra R. Eachempati, Jian Shou, Lynn J. Hydo, and Philip S. Barie. 2007. 'Degree of Anticoagulation, but Not Warfarin Use Itself, Predicts Adverse Outcomes After Traumatic Brain Injury in Elderly Trauma Patients'. The Journal of Trauma: Injury, Infection, and Critical Care 63 (3): 525–30. <https://doi.org/10.1097/TA.0b013e31812e5216>.

'Pocket Guide to COPD Diagnosis, Management, and Prevention - 2017 - Global Initiative for Chronic Obstructive Lung Disease - GOLD'. n.d.

<http://goldcopd.org/pocket-guide-copd-diagnosis-management-prevention-2016/>.

Ponikowski, Piotr, Adriaan A. Voors, Stefan D. Anker, Héctor Bueno, John G. F. Cleland, Andrew J. S. Coats, Volkmar Falk, et al. 2016. '2016 ESC Guidelines for the Diagnosis and Treatment of Acute and Chronic Heart Failure'. *European Heart Journal* 37 (27): 2129–2200. <https://doi.org/10.1093/eurheartj/ehw128>.

'Post Cardiac Arrest Care'. n.d. <https://lifeinthefastlane.com/ccr/post-cardiac-arrest-resuscitation-care/>.

'ProMED-Mail'. n.d. <https://www.promedmail.org/>.

'Published Guidelines | British Infection Association (BIA)'. n.d. <https://www.britishinfection.org/guidelines-resources/published-guidelines/>.

'Resuscitation to Recovery'. n.d. <https://www.resus.org.uk/publications/resuscitation-to-recovery/>.

Richman, Jeffrey M., Spencer S. Liu, Genevieve Courpas, Robert Wong, Andrew J. Rowlingson, John McGready, Seth R. Cohen, and Christopher L. Wu. 2006. 'Does Continuous Peripheral Nerve Block Provide Superior Pain Control to Opioids? A Meta-Analysis'. *Anesthesia & Analgesia* 102 (1): 248–57. <https://doi.org/10.1213/01.ANE.0000181289.09675.7D>.

Roffi, Marco, Carlo Patrono, Jean-Philippe Collet, Christian Mueller, Marco Valgimigli, Felicita Andreotti, Jeroen J. Bax, et al. 2016. '2015 ESC Guidelines for the Management of Acute Coronary Syndromes in Patients Presenting without Persistent ST-Segment Elevation'. *European Heart Journal* 37 (3): 267–315. <https://doi.org/10.1093/eurheartj/ehv320>.

'Saline or Albumin for Fluid Resuscitation in Patients with Traumatic Brain Injury'. 2007. *New England Journal of Medicine* 357 (9): 874–84. <https://doi.org/10.1056/NEJMoa067514>.

'Scottish Intercollegiate Guidelines Network: 148. Acute Coronary Syndrome. A National Clinical Guideline'. n.d. <https://www.sign.ac.uk/assets/sign148.pdf>.

'Sensitivity of Computed Tomography Performed within Six Hours of Onset of Headache for Diagnosis of Subarachnoid Haemorrhage: Prospective Cohort Study'. n.d. <https://www.bmj.com/content/bmj/343/bmj.d4277.full.pdf>.

Slack, Andrew J., Georg Auzinger, Chris Willars, Tracy Dew, Rebecca Musto, Daniel Corsilli, Roy Sherwood, Julia A. Wendon, and William Bernal. 2014. 'Ammonia Clearance with Haemofiltration in Adults with Liver Disease'. *Liver International* 34 (1): 42–48. <https://doi.org/10.1111/liv.12221>.

'SSNAP - Home'. n.d. <https://www.strokeaudit.org/>.

Sun, Benjamin C., Giorgio Costantino, Franca Barbic, Ilaria Bossi, Giovanni Casazza, Franca Dipaola, Daniel McDermott, et al. 2014. 'Priorities for Emergency Department Syncope Research'. *Annals of Emergency Medicine* 64 (6): 649–655.e2. <https://doi.org/10.1016/j.annemergmed.2014.04.014>.

Teasdale, Graham, Andrew Maas, Fiona Lecky, Geoffrey Manley, Nino Stocchetti, and Gordon Murray. 2014. 'The Glasgow Coma Scale at 40 Years: Standing the Test of Time'. *The Lancet Neurology* 13 (8): 844-54. [https://doi.org/10.1016/S1474-4422\(14\)70120-6](https://doi.org/10.1016/S1474-4422(14)70120-6).

'The Management of Diabetic Ketoacidosis in Adults'. n.d. http://www.diabetologists-abcd.org.uk/JBDS/JBDS_IP_DKA_Adults_Revised.pdf.

'The Management of the Hyperosmolar Hyperglycaemic State (HHS) in Adults with Diabetes'. n.d. http://www.diabetologists-abcd.org.uk/JBDS/JBDS_IP_HHS_Adults.pdf.

'The Mental Capacity Act in Emergency Medicine Practice'. n.d. https://rcem.ac.uk/wp-content/uploads/2021/10/RCEM_Mental_Capacity_Act_in_EM_Practice_Feb2017.pdf.

'The Patient Who Absconds'. n.d. https://rcem.ac.uk/wp-content/uploads/2021/10/RCEM_Absconding_Guidance_V2.pdf.

'The Patient with Collapse: In Association with the Emergency Medicine Journal'. n.d. <http://learning.bmj.com/learning/search-result.html?moduleId=5004329>.

Trovato, Francesca M., Liane Rabinowich, and Mark J.W. McPhail. 2019. 'Update on the Management of Acute Liver Failure'. *Current Opinion in Critical Care* 25 (2): 157-64. <https://doi.org/10.1097/MCC.0000000000000583>.

'Viral Haemorrhagic Fever: ACDP Algorithm and Guidance on Management of Patients - GOV.UK'. n.d. <https://www.gov.uk/government/publications/viral-haemorrhagic-fever-algorithm-and-guidance-on-management-of-patients>.

Wakil, A., J. M. Ng, and S. L. Atkin. 2011. 'Investigating Hyponatraemia'. *BMJ* 342 (mar07 2): d1118-d1118. <https://doi.org/10.1136/bmj.d1118>.

Wendon, Julia, Juan Cordoba, Anil Dhawan, Fin Stolze Larsen, Michael Manns, Frederik Nevens, Didier Samuel, Kenneth J. Simpson, Ilan Yaron, and Mauro Bernardi. 2017. 'EASL Clinical Practical Guidelines on the Management of Acute (Fulminant) Liver Failure'. *Journal of Hepatology* 66 (5): 1047-81. <https://doi.org/10.1016/j.jhep.2016.12.003>.

'WHO | Antimicrobial Resistance'. n.d. <http://www.who.int/antimicrobial-resistance/en/>.

Williams, Michelle C, James Shambrook, and Edward D Nicol. 2018. 'Assessment of Patients with Stable Chest Pain'. *Heart* 104 (8): 691-99. <https://doi.org/10.1136/heartjnl-2017-311212>.