

ICM7078 Diagnostic Tools in Critical Illness

Diagnostic Tools in Critical Illness

View Online



@article{Acheampong_Vincent_2015, title={A positive fluid balance is an independent prognostic factor in patients with sepsis}, volume={19}, DOI={10.1186/s13054-015-0970-1}, number={1}, journal={Critical Care}, author={Acheampong, Angela and Vincent, Jean-Louis}, year={2015}, month={Dec} }

@article{Agricola_Bove_Oppizzi_Marino_Zangrillo_Margonato_Picano_2005, title={"Ultrasound Comet-Tail Images": A Marker Of Pulmonary Edema}, volume={127}, DOI={10.1378/chest.127.5.1690}, number={5}, journal={Chest}, author={Agricola, Eustachio and Bove, Tiziana and Oppizzi, Michele and Marino, Giovanni and Zangrillo, Alberto and Margonato, Alberto and Picano, Eugenio}, year={2005}, month={May}, pages={1690-1695} }

@article{Al Deeb_Barbic_Featherstone_Dankoff_Barbic_2014, title={Point-of-care Ultrasonography for the Diagnosis of Acute Cardiogenic Pulmonary Edema in Patients Presenting With Acute Dyspnea: A Systematic Review and Meta-analysis}, volume={21}, DOI={10.1111/acem.12435}, number={8}, journal={Academic Emergency Medicine}, author={Al Deeb, Mohammad and Barbic, Skye and Featherstone, Robin and Dankoff, Jerrald and Barbic, David}, year={2014}, month={Aug}, pages={843-852} }

@article{Antonakaki_Mirza_Sundar_Grapsa_2016, title={Epstein-Barr futile myocarditis requiring urgent orthotopic heart transplantation}, volume={31}, DOI={10.1177/0267659115618460}, number={5}, journal={Perfusion}, author={Antonakaki, Dimitra and Mirza, Sajjad Ahmed and Sundar, Shweta and Grapsa, Julia}, year={2016}, month={Jul}, pages={431-432} }

@article{Atkinson_Bryant_Dong_Maaser_Kucharzik_Maconi_Asthana_Blaivas_Goudie_Gilja_et al._2017, title={How to perform gastrointestinal ultrasound: Anatomy and normal findings}, volume={23}, DOI={10.3748/wjg.v23.i38.6931}, number={38}, journal={World Journal of Gastroenterology}, author={Atkinson, Nathan S S and Bryant, Robert V and Dong, Yi and Maaser, Christian and Kucharzik, Torsten and Maconi, Giovanni and Asthana, Anil K and Blaivas, Michael and Goudie, Adrian and Gilja, Odd Helge and Nuernberg, Dieter and Schreiber-Dietrich, Dagmar and Dietrich, Christoph F}, year={2017}, month={Oct}, pages={6931-6941} }

@article{Atkinson_Bowra_Milne_Lewis_Lambert_Jarman_Noble_Lamprecht_Harris_Connolly_2017a, title={International Federation for Emergency Medicine Consensus Statement: Sonography in hypotension and cardiac arrest (SHoC): An international consensus on the use of point of care ultrasound for undifferentiated hypotension and

during cardiac arrest}, volume={19}, DOI={10.1017/cem.2016.394}, number={06}, journal={CJEM}, author={Atkinson, Paul and Bowra, Justin and Milne, James and Lewis, David and Lambert, Mike and Jarman, Bob and Noble, Vicki E. and Lamprecht, Hein and Harris, Tim and Connolly, Jim}, year={2017}, month={Nov}, pages={459-470} }

@article{Atkinson_Bowra_Milne_Lewis_Lambert_Jarman_Noble_Lamprecht_Harris_Connolly_2017b, title={International Federation for Emergency Medicine Consensus Statement: Sonography in hypotension and cardiac arrest (SHoC): An international consensus on the use of point of care ultrasound for undifferentiated hypotension and during cardiac arrest}, volume={19}, DOI={10.1017/cem.2016.394}, number={06}, journal={CJEM}, author={Atkinson, Paul and Bowra, Justin and Milne, James and Lewis, David and Lambert, Mike and Jarman, Bob and Noble, Vicki E. and Lamprecht, Hein and Harris, Tim and Connolly, Jim}, year={2017}, month={Nov}, pages={459-470} }

@article{Atkinson_Milne_Diegelmann_Lamprecht_Stander_Lussier_Pham_Henneberry_Fraser_Howlett_et al._2018, title={Does Point-of-Care Ultrasonography Improve Clinical Outcomes in Emergency Department Patients With Undifferentiated Hypotension? An International Randomized Controlled Trial From the SHoC-ED Investigators}, DOI={10.1016/j.annemergmed.2018.04.002}, journal={Annals of Emergency Medicine}, author={Atkinson, Paul R. and Milne, James and Diegelmann, Laura and Lamprecht, Hein and Stander, Melanie and Lussier, David and Pham, Chau and Henneberry, Ryan and Fraser, Jacqueline M. and Howlett, Michael K. and Mekwan, Jayanand and Ramrattan, Brian and Middleton, Joanna and van Hoving, Daniel J. and Peach, Mandy and Taylor, Luke and Dahn, Tara and Hurley, Sean and MacSween, Kayla and Richardson, Luke R. and Stoica, George and Hunter, Samuel and Olszynski, Paul A. and Lewis, David A.}, year={2018}, month={Jun} }

@article{Baumgartner_Hung_Bermejo_Chambers_Evangelista_Griffin_lung_Otto_Pellikka_Quinones_2009, title={Echocardiographic assessment of valve stenosis: EAE/ASE recommendations for clinical practice}, volume={10}, DOI={10.1093/ejechocard/jen303}, number={1}, journal={European Journal of Echocardiography}, author={Baumgartner, H. and Hung, J. and Bermejo, J. and Chambers, J. B. and Evangelista, A. and Griffin, B. P. and lung, B. and Otto, C. M. and Pellikka, P. A. and Quinones, M.}, year={2009}, month={Jan}, pages={1-25} }

@article{Bloom_Grundlingh_Bestwick_Harris_2014, title={The role of venous blood gas in the Emergency Department}, volume={21}, DOI={10.1097/MEJ.0b013e32836437cf}, number={2}, journal={European Journal of Emergency Medicine}, author={Bloom, Benjamin M. and Grundlingh, Johann and Bestwick, Jonathan P. and Harris, Tim}, year={2014}, month={Apr}, pages={81-88} }

@book{Bonita Anderson_31AD, title={Echocardiography: The Normal Examination and Echocardiographic Measurements}, url={https://www.amazon.co.uk/Echocardiography-Normal-Examination-Echocardiographic-Measurements/dp/0992322219/ref=sr_1_1?s=books&ie=UTF8&qid=1527070994&sr=1-1&keywords=Echocardiography%3A+The+Normal+Examination+of+Echocardiographic+M

measurements}, publisher={Echotext Pty Ltd; 3rd Revised edition edition}, author={Bonita Anderson}, year={31AD} }

@article{Breitkreutz_Walcher_Seeger_2007, title={Focused echocardiographic evaluation in resuscitation management: Concept of an advanced life support-conformed algorithm}, volume={35}, DOI={10.1097/01.CCM.0000260626.23848.FC}, number={Suppl}, journal={Critical Care Medicine}, author={Breitkreutz, Raoul and Walcher, Felix and Seeger, Florian H.}, year={2007}, month={May}, pages={S150-S161} }

@article{Browning_Datta_Gray_Graham_2014, title={Peripheral venous and arterial lactate agreement in septic patients in the Emergency Department}, volume={21}, DOI={10.1097/MEJ.0b013e328361321c}, number={2}, journal={European Journal of Emergency Medicine}, author={Browning, Robert and Datta, Deepankar and Gray, Alasdair J. and Graham, Catriona}, year={2014}, month={Apr}, pages={139-141} }

@article{Cai_Mehta_Sgarbossa_Pinski_Wagner_Califf_Barbajelata_2013, title={The left bundle-branch block puzzle in the 2013 ST-elevation myocardial infarction guideline: From falsely declaring emergency to denying reperfusion in a high-risk population. Are the Sgarbossa Criteria ready for prime time?}, volume={166}, DOI={10.1016/j.ahj.2013.03.032}, number={3}, journal={American Heart Journal}, author={Cai, Qiangjun and Mehta, Nilay and Sgarbossa, Elena B. and Pinski, Sergio L. and Wagner, Galen S. and Califf, Robert M. and Barbajelata, Alejandro}, year={2013}, month={Sep}, pages={409-413} }

@article{Caiulo_Gargani_Caiulo_Fisicaro_Moramarco_Latini_Picano_2011, title={Lung ultrasound in bronchiolitis: comparison with chest X-ray}, volume={170}, DOI={10.1007/s00431-011-1461-2}, number={11}, journal={European Journal of Pediatrics}, author={Caiulo, Vito Antonio and Gargani, Luna and Caiulo, Silvana and Fisicaro, Andrea and Moramarco, Fulvio and Latini, Giuseppe and Picano, Eugenio}, year={2011}, month={Nov}, pages={1427-1433} }

@article{Chaikof_Brewster_Dalman_Makaroun_Illig_Sicard_Timaran_Upchurch_Veith_2009, title={The care of patients with an abdominal aortic aneurysm: The Society for Vascular Surgery practice guidelines}, volume={50}, DOI={10.1016/j.jvs.2009.07.002}, number={4}, journal={Journal of Vascular Surgery}, author={Chaikof, Elliot L. and Brewster, David C. and Dalman, Ronald L. and Makaroun, Michel S. and Illig, Karl A. and Sicard, Gregorio A. and Timaran, Carlos H. and Upchurch, Gilbert R. and Veith, Frank J.}, year={2009}, month={Oct}, pages={S2-S49} }

@article{Chiem_Chan_Ander_Kobylyvker_Manson_2015, title={Comparison of Expert and Novice Sonographers' Performance in Focused Lung Ultrasonography in Dyspnea (FLUID) to Diagnose Patients With Acute Heart Failure Syndrome}, volume={22}, DOI={10.1111/acem.12651}, number={5}, journal={Academic Emergency Medicine}, author={Chiem, Alan T. and Chan, Connie H. and Ander, Douglas S. and Kobylyvker, Andrew N. and Manson, William C.}, year={2015}, month={May}, pages={564-573} }

@article{Claire-Del_Granado_Mehta_2016, title={Fluid overload in the ICU: evaluation and management}, volume={17}, DOI={10.1186/s12882-016-0323-6}, number={1}, journal={BMC Nephrology}, author={Claire-Del Granado, Rolando and Mehta, Ravindra L.}, year={2016}, month={Dec} }

@article{Coca_King_Rosenthal_Perkal_Parikh_2010, title={The duration of postoperative acute kidney injury is an additional parameter predicting long-term survival in diabetic veterans}, volume={78}, DOI={10.1038/ki.2010.259}, number={9}, journal={Kidney International}, author={Coca, Steven G. and King, Joseph T. and Rosenthal, Ronnie A. and Perkal, Melissa F. and Parikh, Chirag R.}, year={2010}, month={Nov}, pages={926-933} }

@article{Copetti_Soldati_Copetti_2008, title={Chest sonography: a useful tool to differentiate acute cardiogenic pulmonary edema from acute respiratory distress syndrome}, volume={6}, DOI={10.1186/1476-7120-6-16}, number={1}, journal={Cardiovascular Ultrasound}, author={Copetti, Roberto and Soldati, Gino and Copetti, Paolo}, year={2008}, month={Apr} }

@article{Cortellaro_Colombo_Coen_Duca_2012, title={Lung ultrasound is an accurate diagnostic tool for the diagnosis of pneumonia in the emergency department}, volume={29}, DOI={10.1136/emj.2010.101584}, number={1}, journal={Emergency Medicine Journal}, author={Cortellaro, Francesca and Colombo, Silvia and Coen, Daniele and Duca, Pier Giorgio}, year={2012}, month={Jan}, pages={19-23} }

@article{Ding_Shen_Yang_He_Zhang_2011, title={Diagnosis of Pneumothorax by Radiography and Ultrasonography}, volume={140}, DOI={10.1378/chest.10-2946}, number={4}, journal={Chest}, author={Ding, Wu and Shen, Yuehong and Yang, Jianxin and He, Xiaojun and Zhang, Mao}, year={2011}, month={Oct}, pages={859-866} }

@article{Fair_Mallin_Adler_Ockerse_Steenblik_Tonna_Youngquist_2019, title={Transesophageal Echocardiography During Cardiopulmonary Resuscitation Is Associated With Shorter Compression Pauses Compared With Transthoracic Echocardiography}, DOI={10.1016/j.annemergmed.2019.01.018}, journal={Annals of Emergency Medicine}, author={Fair, James and Mallin, Michael P. and Adler, Aaron and Ockerse, Patrick and Steenblik, Jacob and Tonna, Joseph and Youngquist, Scott T.}, year={2019}, month={Feb} }

@article{Frassi_Gargani_Tesorio_Raciti_Mottola_Picano_2007, title={Prognostic Value of Extravascular Lung Water Assessed With Ultrasound Lung Comets by Chest Sonography in Patients With Dyspnea and/or Chest Pain}, volume={13}, DOI={10.1016/j.cardfail.2007.07.003}, number={10}, journal={Journal of Cardiac Failure}, author={Frassi, Francesca and Gargani, Luna and Tesorio, Paola and Raciti, Mauro and Mottola, Gaetano and Picano, Eugenio}, year={2007}, month={Dec}, pages={830-835} }

@article{Gargani_Pang_Frassi_Miglioranza_Dini_Landi_Picano_2015, title={Persistent pulmonary congestion before discharge predicts rehospitalization in heart failure: a lung ultrasound study}, volume={13}, DOI={10.1186/s12947-015-0033-4}, number={1}, journal={Cardiovascular Ultrasound}, author={Gargani, Luna and Pang, P. S. and Frassi, F. and Miglioranza, M.H. and Dini, F. L. and Landi, P. and Picano, E.}, year={2015}, month={Dec} }

@article{Gottlieb_Russell_2018, title={How Safe Is the Ultrasonographically Guided Peripheral Internal Jugular Line?}, volume={71}, DOI={10.1016/j.annemergmed.2017.08.047}, number={1}, journal={Annals of Emergency Medicine}, author={Gottlieb, Michael and Russell, Frances M.}, year={2018},

month={Jan}, pages={132-137} }

@article{Gulati_Katz_Follansbee_Gorcsan_1996, title={Mitral annular descent velocity by tissue Doppler echocardiography as an index of global left ventricular function}, volume={77}, DOI={10.1016/S0002-9149(96)00033-1}, number={11}, journal={The American Journal of Cardiology}, author={Gulati, Vijay K. and Katz, William E. and Follansbee, William P. and Gorcsan, John}, year={1996}, month={May}, pages={979-984} }

@article{Gunnerson_Saul_He_Kellum_2006, title={Lactate versus non-lactate metabolic acidosis: a retrospective outcome evaluation of critically ill patients}, volume={10}, DOI={10.1186/cc3987}, number={1}, journal={Critical Care}, author={Gunnerson, Kyle and Saul, Melissa and He, Shui and Kellum, JohnA}, year={2006} }

@article{Hoffmann_Nürnberg_Westergaard_2012, title={Focus on abnormal air}, volume={19}, DOI={10.1097/MEJ.0b013e3283543cd3}, number={5}, journal={European Journal of Emergency Medicine}, author={Hoffmann, Beatrice and Nürnberg, Dieter and Westergaard, Mary C.}, year={2012}, month={Oct}, pages={284-291} }

@book{Houghton_2009, address={London, [England]}, title={Making sense of echocardiography: a hands-on guide}, url={https://ebookcentral.proquest.com/lib/gmul-ebooks/detail.action?docID=564813}, publisher={Hodder Arnold}, author={Houghton, Andrew R.}, year={2009} }

@article{Kadappu_Thomas_2015, title={Tissue Doppler Imaging in Echocardiography: Value and Limitations}, volume={24}, DOI={10.1016/j.hlc.2014.10.003}, number={3}, journal={Heart, Lung and Circulation}, author={Kadappu, Krishna K. and Thomas, Liza}, year={2015}, month={Mar}, pages={224-233} }

@book{Kaddoura_2009, address={Edinburgh}, edition={2nd ed}, title={Echo made easy}, url={http://ezproxy.library.qmul.ac.uk/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=QMUL&isbn=9780702050602&uid=^u}, publisher={Churchill Livingstone}, author={Kaddoura, Sam}, year={2009} }

@article{Kanani_Hartshorn_2017, title={NICE clinical guideline NG39: Major trauma: assessment and initial management}, volume={102}, DOI={10.1136/archdischild-2016-310869}, number={1}, journal={Archives of disease in childhood - Education & practice edition}, author={Kanani, Anand Nitin and Hartshorn, Stuart}, year={2017}, month={Feb}, pages={20-23} }

@article{Kaplan_Kellum_2007, title={COMPARISON OF ACID BASE MODELS FOR PREDICTION OF HOSPITAL MORTALITY FOLLOWING TRAUMA}, DOI={10.1097/shk.0b013e3181618946}, journal={Shock}, author={Kaplan, Lewis J. and Kellum, John A.}, year={2007}, month={Dec} }

@article{Kelly_Klim_Rees_2014, title={Agreement between mathematically arterialised venous versus arterial blood gas values in patients undergoing non-invasive ventilation: a cohort study}, volume={31}, DOI={10.1136/emmermed-2013-202879}, number={e1}, journal={Emergency Medicine Journal}, author={Kelly, Anne-Maree and Klim, Sharon and

Rees, Stephen E}, year={2014}, month={Oct}, pages={e46-e49} }

@article{Labovitz_Noble_Bierig_Goldstein_Jones_Kort_Porter_Spencer_Tayal_Wei_2010, title={Focused Cardiac Ultrasound in the Emergent Setting: A Consensus Statement of the American Society of Echocardiography and American College of Emergency Physicians}, volume={23}, DOI={10.1016/j.echo.2010.10.005}, number={12}, journal={Journal of the American Society of Echocardiography}, author={Labovitz, Arthur J. and Noble, Vicki E. and Bierig, Michelle and Goldstein, Steven A. and Jones, Robert and Kort, Smadar and Porter, Thomas R. and Spencer, Kirk T. and Tayal, Vivek S. and Wei, Kevin}, year={2010}, month={Dec}, pages={1225-1230} }

@article{Langdorf_Medak_Hendey_Nishijima_Mower_Raja_Baumann_Anglin_Anderson_Lotfi pour_et al._2015, title={Prevalence and Clinical Import of Thoracic Injury Identified by Chest Computed Tomography but Not Chest Radiography in Blunt Trauma: Multicenter Prospective Cohort Study}, volume={66}, DOI={10.1016/j.annemergmed.2015.06.003}, number={6}, journal={Annals of Emergency Medicine}, author={Langdorf, Mark I. and Medak, Anthony J. and Hendey, Gregory W. and Nishijima, Daniel K. and Mower, William R. and Raja, Ali S. and Baumann, Brigitte M. and Anglin, Deirdre R. and Anderson, Craig L. and Lotfi pour, Shahram and Reed, Karin E. and Zuabi, Nadia and Khan, Nooreen A. and Bithell, Chelsey A. and Rowther, Armaan A. and Villar, Julian and Rodriguez, Robert M.}, year={2015}, month={Dec}, pages={589-600} }

@article{Laursen_Sloth_Lassen_Christensen_Lambrechtsen_Madsen_Henriksen_Davidsen_Rasmussen_2014, title={Point-of-care ultrasonography in patients admitted with respiratory symptoms: a single-blind, randomised controlled trial}, volume={2}, DOI={10.1016/S2213-2600(14)70135-3}, number={8}, journal={The Lancet Respiratory Medicine}, author={Laursen, Christian B and Sloth, Erik and Lassen, Annmarie Touborg and Christensen, René dePont and Lambrechtsen, Jess and Madsen, Poul Henning and Henriksen, Daniel Pilsgaard and Davidsen, Jesper Rømhild and Rasmussen, Finn}, year={2014}, month={Aug}, pages={638-646} }

@article{Lederle_1999, title={Does This Patient Have Abdominal Aortic Aneurysm?}, volume={281}, DOI={10.1001/jama.281.1.77}, number={1}, journal={JAMA}, author={Lederle, Frank A.}, year={1999}, month={Jan} }

@article{Leidel_Kirchhoff_Bogner_Braunstein_Biberthaler_Kanz_2012, title={Comparison of intraosseous versus central venous vascular access in adults under resuscitation in the emergency department with inaccessible peripheral veins}, volume={83}, DOI={10.1016/j.resuscitation.2011.08.017}, number={1}, journal={Resuscitation}, author={Leidel, Bernd A. and Kirchhoff, Chlodwig and Bogner, Viktoria and Braunstein, Volker and Biberthaler, Peter and Kanz, Karl-Georg}, year={2012}, month={Jan}, pages={40-45} }

@article{Libby_2013, title={Mechanisms of Acute Coronary Syndromes and Their Implications for Therapy}, volume={368}, DOI={10.1056/NEJMra1216063}, number={21}, journal={New England Journal of Medicine}, author={Libby, Peter}, year={2013}, month={May}, pages={2004-2013} }

@article{Long_April_2019, title={What Is the Diagnostic Accuracy of Point-of-Care

Ultrasonography in Patients With Suspected Blunt Thoracoabdominal Trauma?}, DOI={10.1016/j.annemergmed.2019.01.016}, journal={Annals of Emergency Medicine}, author={Long, Brit and April, Michael D.}, year={2019}, month={Feb} }

@article{Lyon_Egan_Gowens_Andrews_Clegg_2010, title={Issues around conducting prehospital research on out-of-hospital cardiac arrest: lessons from the TOPCAT study}, volume={27}, DOI={10.1136/emj.2009.087395}, number={8}, journal={Emergency Medicine Journal}, author={Lyon, R. M. and Egan, G. and Gowens, P. and Andrews, P. and Clegg, G.}, year={2010}, month={Aug}, pages={637-638} }

@article{Martindale_Wakai_Collins_Levy_Diercks_Hiestand_Fermann_deSouza_Sinert_2016, title={Diagnosing Acute Heart Failure in the Emergency Department: A Systematic Review and Meta-analysis}, volume={23}, DOI={10.1111/acem.12878}, number={3}, journal={Academic Emergency Medicine}, author={Martindale, Jennifer L. and Wakai, Abel and Collins, Sean P. and Levy, Phillip D. and Diercks, Deborah and Hiestand, Brian C. and Fermann, Gregory J. and deSouza, Ian and Sinert, Richard}, year={2016}, month={Mar}, pages={223-242} }

@article{McGivery_Atkinson_Lewis_Taylor_Harris_Gadd_Fraser_Stoica_2018, title={Emergency department ultrasound for the detection of B-lines in the early diagnosis of acute decompensated heart failure: a systematic review and meta-analysis}, volume={20}, DOI={10.1017/cem.2018.27}, number={03}, journal={CJEM}, author={McGivery, Kyle and Atkinson, Paul and Lewis, David and Taylor, Luke and Harris, Tim and Gadd, Kathleen and Fraser, Jacqueline and Stoica, George}, year={2018}, month={May}, pages={343-352} }

@article{McKeever_Hearson_Housley_Reynolds_Kinnear_Harrison_Kelly_Shaw_2016, title={Using venous blood gas analysis in the assessment of COPD exacerbations: a prospective cohort study}, volume={71}, DOI={10.1136/thoraxjnl-2015-207573}, number={3}, journal={Thorax}, author={McKeever, Tricia M and Hearson, Glenn and Housley, Gemma and Reynolds, Catherine and Kinnear, William and Harrison, Tim W and Kelly, Anne-Maree and Shaw, Dominick E}, year={2016}, month={Mar}, pages={210-215} }

@article{Meyers_Limkakeng_Jaffa_Patel_Theiling_Rezaie_Stewart_Zhuang_Pera_Smith_2015, title={Validation of the modified Sgarbossa criteria for acute coronary occlusion in the setting of left bundle branch block: A retrospective case-control study}, volume={170}, DOI={10.1016/j.ahj.2015.09.005}, number={6}, journal={American Heart Journal}, author={Meyers, H. Pendell and Limkakeng, Alexander T. and Jaffa, Elias J. and Patel, Anjni and Theiling, B. Jason and Rezaie, Salim R. and Stewart, Todd and Zhuang, Cassandra and Pera, Vijaya K. and Smith, Stephen W.}, year={2015}, month={Dec}, pages={1255-1264} }

@article{Michard_Teboul_2000, title={Using heart-lung interactions to assess fluid responsiveness during mechanical ventilation}, volume={4}, DOI={10.1186/cc710}, number={5}, journal={Critical Care}, author={Michard, Frédéric and Teboul, Jean-Louis}, year={2000} }

@article{Millington_Koenig_2018, title={Better With Ultrasound}, volume={153},

DOI={10.1016/j.chest.2017.06.043}, number={1}, journal={Chest}, author={Millington, Scott J. and Koenig, Seth}, year={2018}, month={Jan}, pages={224-232} }

@article{Moriwaki_2009, title={Ultrasonography for the Diagnosis of Intraperitoneal Free Air in Chest-Abdominal-Pelvic Blunt Trauma and Critical Acute Abdominal Pain}, volume={144}, DOI={10.1001/archsurg.2008.553}, number={2}, journal={Archives of Surgery}, author={Moriwaki, Yoshihiro}, year={2009}, month={Feb} }

@article{Muslu_Sert_Kaya_Demircioglu_Gözdemir_Usta_Boynukalın_2011, title={Use of Sonography for Rapid Identification of Esophageal and Tracheal Intubations in Adult Patients}, volume={30}, DOI={10.7863/jum.2011.30.5.671}, number={5}, journal={Journal of Ultrasound in Medicine}, author={Muslu, Bunyamin and Sert, Hüseyin and Kaya, Ahmet and Demircioglu, Rüveyda Irem and Gözdemir, Muhammet and Usta, Burhanettin and Boynukalın, Kadriye Serife}, year={2011}, month={May}, pages={671-676} }

@article{Nagdev_Mantuani_2013, title={A novel in-plane technique for ultrasound-guided pericardiocentesis}, volume={31}, DOI={10.1016/j.ajem.2013.05.021}, number={9}, journal={The American Journal of Emergency Medicine}, author={Nagdev, Arun and Mantuani, Daniel}, year={2013}, month={Sep}, pages={1424.e5-1424.e9} }

@article{Neeland_Kontos_de Lemos_2012, title={Evolving Considerations in the Management of Patients With Left Bundle Branch Block and Suspected Myocardial Infarction}, volume={60}, DOI={10.1016/j.jacc.2012.02.054}, number={2}, journal={Journal of the American College of Cardiology}, author={Neeland, Ian J. and Kontos, Michael C. and de Lemos, James A.}, year={2012}, month={Jul}, pages={96-105} }

@article{Oveland_Lossius_Wemmelund_Stokkeland_Knudsen_Sloth_2013, title={Using Thoracic Ultrasonography to Accurately Assess Pneumothorax Progression During Positive Pressure Ventilation}, volume={143}, DOI={10.1378/chest.12-1445}, number={2}, journal={Chest}, author={Oveland, Nils Petter and Lossius, Hans Morten and Wemmelund, Kristian and Stokkeland, Paal Johan and Knudsen, Lars and Sloth, Erik}, year={2013}, month={Feb}, pages={415-422} }

@article{Paquet_Valli_Philippon_Devilliers_Bloom_Hausfater_Riou_Freund_2016, title={Agreement between arterial and venous lactate in emergency department patients}, DOI={10.1016/j.ajem.2019.01.034}, journal={European Journal of Emergency Medicine}, author={Paquet, Anne-Laure and Valli, Vanina and Philippon, Anne-Laure and Devilliers, Catherine and Bloom, Ben and Hausfater, Pierre and Riou, Bruno and Freund, Yonathan}, year={2016}, month={Nov} }

@article{Perera_Mailhot_Riley_Mandavia_2010, title={The RUSH Exam: Rapid Ultrasound in SHock in the Evaluation of the Critically Ill}, volume={28}, DOI={10.1016/j.emc.2009.09.010}, number={1}, journal={Emergency Medicine Clinics of North America}, author={Perera, Phillips and Mailhot, Thomas and Riley, David and Mandavia, Diku}, year={2010}, month={Feb}, pages={29-56} }

@article{Pivetta_Goffi_Lupia_Tizzani_Porrino_Ferreri_Volpicelli_Balzaretti_Banderalli_Iacobucci_et al._2015, title={Lung Ultrasound-Implemented Diagnosis of Acute Decompensated

Heart Failure in the ED}, volume={148}, DOI={10.1378/chest.14-2608}, number={1}, journal={Chest}, author={Pivetta, Emanuele and Goffi, Alberto and Lupia, Enrico and Tizzani, Maria and Porrino, Giulio and Ferreri, Enrico and Volpicelli, Giovanni and Balzaretto, Paolo and Banderali, Alessandra and Iacobucci, Antonello and Locatelli, Stefania and Casoli, Giovanna and Stone, Michael B. and Maule, Milena M. and Baldi, Ileana and Merletti, Franco and Cibinel, Gian Alfonso and Baron, Paolo and Battista, Stefania and Buonafede, Giuseppina and Busso, Valeria and Conterno, Andrea and Del Rizzo, Paola and Ferrera, Patrizia and Pecetto, Paolo Fascio and Moiraghi, Corrado and Morello, Fulvio and Steri, Fabio and Ciccone, Giovannino and Calasso, Cosimo and Caserta, Mimma A and Civita, Marina and Condo', Carmen and D'Alessandro, Vittorio and Del Colle, Sara and Ferrero, Stefania and Griot, Giulietta and Laurita, Emanuela and Lazzero, Alberto and Lo Curto, Francesca and Michelazzo, Marianna and Nicosia, Vincenza and Palmari, Nicola and Ricchiardi, Alberto and Rolfo, Andrea and Rostagno, Roberto and Bar, Fabrizio and Boero, Enrico and Frascisco, Mauro and Micossi, Ilaria}, year={2015}, month={Jul}, pages={202-210} }

@article{Ponikowski_Voors_Anker_Bueno_Cleland_Coats_Falk_González-Juanatey_Harjola_Jankowska_et al._2016, title={2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure}, volume={37}, DOI={10.1093/eurheartj/ehw128}, number={27}, journal={European Heart Journal}, author={Ponikowski, Piotr and Voors, Adriaan A. and Anker, Stefan D. and Bueno, Héctor and Cleland, John G. F. and Coats, Andrew J. S. and Falk, Volkmar and González-Juanatey, José Ramón and Harjola, Veli-Pekka and Jankowska, Ewa A. and Jessup, Mariell and Linde, Cecilia and Nihoyannopoulos, Petros and Parissis, John T. and Pieske, Burkert and Riley, Jillian P. and Rosano, Giuseppe M. C. and Ruilope, Luis M. and Ruschitzka, Frank and Rutten, Frans H. and van der Meer, Peter}, year={2016}, month={Jul}, pages={2129-2200} }

@article{Price_Via_Sloth_Guarracino_Breitkreutz_Catena_Talmor_2008, title={Echocardiography practice, training and accreditation in the intensive care: document for the World Interactive Network Focused on Critical Ultrasound (WINFOCUS)}, volume={6}, DOI={10.1186/1476-7120-6-49}, number={1}, journal={Cardiovascular Ultrasound}, author={Price, Susanna and Via, Gabriele and Sloth, Erik and Guarracino, Fabio and Breitkreutz, Raoul and Catena, Emanuele and Talmor, Daniel}, year={2008}, month={Dec} }

@article{Quinn_Sinert_2011, title={What is the utility of the Focused Assessment with Sonography in Trauma (FAST) exam in penetrating torso trauma?}, volume={42}, DOI={10.1016/j.injury.2010.07.249}, number={5}, journal={Injury}, author={Quinn, Antonia C. and Sinert, Richard}, year={2011}, month={May}, pages={482-487} }

@article{Rodriguez_Lum-Lung_Dixon_Nothmann_2006, title={A prospective study on esophageal Doppler hemodynamic assessment in the ED}, volume={24}, DOI={10.1016/j.ajem.2006.02.006}, number={6}, journal={The American Journal of Emergency Medicine}, author={Rodriguez, Robert M. and Lum-Lung, Michael and Dixon, Karen and Nothmann, Andrew}, year={2006}, month={Oct}, pages={658-663} }

@article{Rossaint_Bouillon_Cerny_Coats_Duranteau_Fernández-Mondéjar_Hunt_Komadina_Nardi_Neugebauer_et al._2010, title={Management of bleeding following major trauma: an updated European guideline}, volume={14}, DOI={10.1186/cc8943}, number={2},

journal={Critical Care}, author={Rossaint, Rolf and Bouillon, Bertil and Cerny, Vladimir and Coats, Timothy J and Duranteau, Jacques and Fernández-Mondéjar, Enrique and Hunt, Beverley J and Komadina, Radko and Nardi, Giuseppe and Neugebauer, Edmund and Ozier, Yves and Riddez, Louis and Schultz, Arthur and Stahel, Philip F and Vincent, Jean-Louis and Spahn, Donat R}, year={2010} }

@article{Russell_Ehrman_Cosby_Ansari_Tseeng_Christain_Bailitz_2015, title={Diagnosing Acute Heart Failure in Patients With Undifferentiated Dyspnea: A Lung and Cardiac Ultrasound (LuCUS) Protocol}, volume={22}, DOI={10.1111/acem.12570}, number={2}, journal={Academic Emergency Medicine}, author={Russell, Frances M. and Ehrman, Robert R. and Cosby, Karen and Ansari, Asim and Tseeng, Stephanie and Christain, Errick and Bailitz, John}, year={2015}, month={Feb}, pages={182-191} }

@article{Sauter_Hoess_Lehmann_Exadaktylos_Haider_2017, title={Detection of pneumothoraces in patients with multiple blunt trauma: use and limitations of eFAST}, volume={34}, DOI={10.1136/emmermed-2016-205980}, number={9}, journal={Emergency Medicine Journal}, author={Sauter, Thomas C and Hoess, Simon and Lehmann, Beat and Exadaktylos, Aristomenis K and Haider, Dominik G}, year={2017}, month={Sep}, pages={568-572} }

@article{Seraphim_Paschou_Grapsa_Nihoyannopoulos_2016, title={Pocket-Sized Echocardiography Devices: One Stop Shop Service?}, volume={24}, DOI={10.4250/jcu.2016.24.1.1}, number={1}, journal={Journal of Cardiovascular Ultrasound}, author={Seraphim, Andreas and Paschou, Stavroula A and Grapsa, Julia and Nihoyannopoulos, Petros}, year={2016} }

@article{SGARBOSSA_1996, title={Recent Advances in the Electrocardiographic Diagnosis of Myocardial Infarction: Left Bundle Branch Block and Pacing}, volume={19}, DOI={10.1111/j.1540-8159.1996.tb04217.x}, number={9}, journal={Pacing and Clinical Electrophysiology}, author={SGARBOSSA, ELENA B.}, year={1996}, month={Sep}, pages={1370-1379} }

@article{Sgarbossa_Pinski_Barbanelata_Underwood_Gates_Topol_Califf_Wagner_1996, title={Electrocardiographic Diagnosis of Evolving Acute Myocardial Infarction in the Presence of Left Bundle-Branch Block}, volume={334}, DOI={10.1056/NEJM199602223340801}, number={8}, journal={New England Journal of Medicine}, author={Sgarbossa, Elena B. and Pinski, Sergio L. and Barbanelata, Alejandro and Underwood, Donald A. and Gates, Kathy B. and Topol, Eric J. and Califf, Robert M. and Wagner, Galen S.}, year={1996}, month={Feb}, pages={481-487} }

@article{Sgarbossa_Pinski_Gates_Wagner_1996, title={Early electrocardiographic diagnosis of acute myocardial infarction in the presence of ventricular paced rhythm}, volume={77}, DOI={10.1016/S0002-9149(97)89377-0}, number={5}, journal={The American Journal of Cardiology}, author={Sgarbossa, Elena B. and Pinski, Sergio L. and Gates, Kathy B. and Wagner, Galen S.}, year={1996}, month={Feb}, pages={423-424} }

@article{Smith_Dodd_Henry_Dvorak_Pearce_2012, title={Diagnosis of ST-Elevation Myocardial Infarction in the Presence of Left Bundle Branch Block With the ST-Elevation to S-Wave Ratio in a Modified Sgarbossa Rule}, volume={60}, DOI={10.1016/j.annemergmed.2012.07.119}, number={6}, journal={Annals of

Emergency Medicine}, author={Smith, Stephen W. and Dodd, Kenneth W. and Henry, Timothy D. and Dvorak, David M. and Pearce, Lesly A.}, year={2012}, month={Dec}, pages={766-776} }

@book{Stewart_National Confidential Enquiry into Patient Outcome and Death_2009, address={London}, title={Adding insult to injury: a review of the care of patients who died in hospital with a primary diagnosis of acute kidney injury (acute renal failure)}, url={http://www.ncepod.org.uk/2009sc.htm}, publisher={National Confidential Enquiry into Patient Outcome and Death}, author={Stewart, J. and National Confidential Enquiry into Patient Outcome and Death}, year={2009} }

@article{Theerawit_Na Petvicharn_Tangsujaritvijit_Sutherasan_2018a, title={The Correlation Between Arterial Lactate and Venous Lactate in Patients With Sepsis and Septic Shock}, volume={33}, DOI={10.1177/0885066616663169}, number={2}, journal={Journal of Intensive Care Medicine}, author={Theerawit, Pongdhep and Na Petvicharn, Chalermpon and Tangsujaritvijit, Viratch and Sutherasan, Yuda}, year={2018}, month={Feb}, pages={116-120} }

@article{Theerawit_Na Petvicharn_Tangsujaritvijit_Sutherasan_2018b, title={The Correlation Between Arterial Lactate and Venous Lactate in Patients With Sepsis and Septic Shock}, volume={33}, DOI={10.1177/0885066616663169}, number={2}, journal={Journal of Intensive Care Medicine}, author={Theerawit, Pongdhep and Na Petvicharn, Chalermpon and Tangsujaritvijit, Viratch and Sutherasan, Yuda}, year={2018}, month={Feb}, pages={116-120} }

@article{Via_Hussain_Wells_Reardon_ElBarbary_Noble_Tsung_Neskovic_Price_Oren-Grinberg_et al._2014, title={International Evidence-Based Recommendations for Focused Cardiac Ultrasound}, volume={27}, DOI={10.1016/j.echo.2014.05.001}, number={7}, journal={Journal of the American Society of Echocardiography}, author={Via, Gabriele and Hussain, Arif and Wells, Mike and Reardon, Robert and ElBarbary, Mahmoud and Noble, Vicki E. and Tsung, James W. and Neskovic, Aleksandar N. and Price, Susanna and Oren-Grinberg, Achikam and Liteplo, Andrew and Cordioli, Ricardo and Naqvi, Nitha and Rola, Philippe and Poelaert, Jan and Gulić, Tatjana Golob and Sloth, Erik and Labovitz, Arthur and Kimura, Bruce and Breikreutz, Raoul and Masani, Navroz and Bowra, Justin and Talmor, Daniel and Guarracino, Fabio and Goudie, Adrian and Xiaoting, Wang and Chawla, Rajesh and Galderisi, Maurizio and Blaivas, Micheal and Petrovic, Tomislav and Storti, Enrico and Neri, Luca and Melniker, Lawrence}, year={2014}, month={Jul}, pages={683.e1-683.e33} }

@article{Volpicelli_Caramello_Cardinale_Mussa_Bar_Frascisco_2008, title={Bedside ultrasound of the lung for the monitoring of acute decompensated heart failure}, volume={26}, DOI={10.1016/j.ajem.2007.09.014}, number={5}, journal={The American Journal of Emergency Medicine}, author={Volpicelli, Giovanni and Caramello, Valeria and Cardinale, Luciano and Mussa, Alessandro and Bar, Fabrizio and Frascisco, Mauro F.}, year={2008}, month={Jun}, pages={585-591} }

@article{Volpicelli_Elbarbary_Blaivas_Lichtenstein_Mathis_Kirkpatrick_Melniker_Gargani_Noble_Via_et al._2012, title={International evidence-based recommendations for point-of-care lung ultrasound}, volume={38}, DOI={10.1007/s00134-012-2513-4},

number={4}, journal={Intensive Care Medicine}, author={Volpicelli, Giovanni and Elbarbary, Mahmoud and Blaivas, Michael and Lichtenstein, Daniel A. and Mathis, Gebhard and Kirkpatrick, Andrew W. and Melniker, Lawrence and Gargani, Luna and Noble, Vicki E. and Via, Gabriele and Dean, Anthony and Tsung, James W. and Soldati, Gino and Copetti, Roberto and Bouhemad, Belaid and Reissig, Angelika and Agricola, Eustachio and Rouby, Jean-Jacques and Arbelot, Charlotte and Liteplo, Andrew and Sargsyan, Ashot and Silva, Fernando and Hoppmann, Richard and Breittkreutz, Raoul and Seibel, Armin and Neri, Luca and Storti, Enrico and Petrovic, Tomislav}, year={2012}, month={Apr}, pages={577-591} }

@article{Xirouchaki_Magkanas_Vaporidi_Kondili_Plataki_Patrianakos_Akoumianaki_Georgopoulos_2011, title={Lung ultrasound in critically ill patients: comparison with bedside chest radiography}, volume={37}, DOI={10.1007/s00134-011-2317-y}, number={9}, journal={Intensive Care Medicine}, author={Xirouchaki, Nektaria and Magkanas, Eleftherios and Vaporidi, Katerina and Kondili, Eumorfia and Plataki, Maria and Patrianakos, Alexandros and Akoumianaki, Evaggelia and Georgopoulos, Dimitrios}, year={2011}, month={Sep}, pages={1488-1493} }

@article{Yunos_Bellomo_Hegarty_Story_Ho_Bailey_2012, title={Association Between a Chloride-Liberal vs Chloride-Restrictive Intravenous Fluid Administration Strategy and Kidney Injury in Critically Ill Adults}, volume={308}, DOI={10.1001/jama.2012.13356}, number={15}, journal={JAMA}, author={Yunos, Nor'azim Mohd and Bellomo, Rinaldo and Hegarty, Colin and Story, David and Ho, Lisa and Bailey, Michael}, year={2012}, month={Oct} }

@article{Zanobetti_Poggioni_Pini_2011, title={Can Chest Ultrasonography Replace Standard Chest Radiography for Evaluation of Acute Dyspnea in the ED?}, volume={139}, DOI={10.1378/chest.10-0435}, number={5}, journal={Chest}, author={Zanobetti, Maurizio and Poggioni, Claudio and Pini, Riccardo}, year={2011}, month={May}, pages={1140-1147} }

@article{Sgarbossa Criteria are Highly Specific for Acute Myocardial Infarction with Pacemakers_2010, volume={11}, url={https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2967688/}, number={4}, journal={Western Journal of Emergency Medicine}, publisher={California Chapter of the American Academy of Emergency Medicine (Cal/AAEM)}, year={2010} }

@article{Coronary Disease in Emergency Department Chest Pain Patients with Recent Negative Stress Testing_2010, volume={11}, url={https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2967694/}, number={4}, journal={Western Journal of Emergency Medicine}, publisher={California Chapter of the American Academy of Emergency Medicine (Cal/AAEM)}, year={2010} }

@article{2-E5: Critical Care Medicine 2_2013, volume={18}, DOI={10.1111/resp.12184_44}, journal={Respirology}, year={2013}, month={Nov}, pages={195-197} }

@article{Arteriovenous blood gas agreement in intensive care patients with varying levels of circulatory compromise: a pilot study., url={https://www.cicm.org.au/CICM_Media/CICMSite/CICM-Website/Resources/Publications/}

CCR%20Journal/Previous%20Editions/December%202015/ccr_17_4_011215-253.pdf} }

@misc{Standard of Practice and Guidance for Trauma Radiology in Severely Injured Patients,
url={ https://www.rcr.ac.uk/system/files/publication/field_publication_files/bfcr155_traumaradiol.pdf} }

@misc{Abdominal x-ray review: ABDO X (summary) | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/abdominal-x-ray-review-abdo-x-summary>} }

@misc{Focussed Assessment with Sonography for Trauma (FAST) scan | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/focussed-assessment-with-sonography-for-trauma-fast-scan>} }

@misc{Lower gastrointestinal bleeding | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/lower-gastrointestinal-bleeding>} }

@misc{Intestinal ischaemia | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/intestinal-ischaemia>} }

@misc{Acute pancreatitis | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/acute-pancreatitis>} }

@misc{Bowel obstruction | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/bowel-obstruction>} }

@misc{Haemoperitoneum | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/haemoperitoneum>} }

@misc{Abdominal trauma | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/abdominal-trauma>} }

@misc{Surgical haemostatic material | Radiology Reference Article | Radiopaedia.org,
url={ <https://radiopaedia.org/articles/surgical-haemostatic-material>} }

@misc{Is Contrast Induced Nephropathy (CIN) Really Not a Thing? - REBEL EM - Emergency Medicine Blog,
url={ <http://rebelem.com/contrast-induced-nephropathy-cin-really-not-thing/>} }

@misc{Does contrast cause kidney injury? The evidence - First10EM,
url={ <https://first10em.com/cin/>} }

@misc{Contrast Manual | American College of Radiology,
url={ <https://www.acr.org/Clinical-Resources/Contrast-Manual>} }

@misc{MR Safety | American College of Radiology,
url={ <https://www.acr.org/Clinical-Resources/Radiology-Safety/MR-Safety>} }

@misc{The Radiology Assistant : Welcome to the Radiology Assistant,

url={ <http://radiologyassistant.nl/> } }

@misc{HeadNeckBrainSpine, url={ <http://headneckbrainspine.com/> } }

@misc{Sonography in Hypotension and Cardiac Arrest (SHoC) Protocol Consensus Statement IFEM,

url={ <https://www.ifem.cc/wp-content/uploads/2016/02/PS-7-Sonography-in-Hypotension-and-Cardiac-Arrest-Consensus-Statement.pdf> } }

@misc{(423) Pinterest,

url={ <https://www.pinterest.co.uk/pin/7459155609437074/?lp=true> } }

@article{Percutaneous balloon dilatation of the mitral valve: An analysis of echocardiographic variables related to outcome and the mechanism of dilatation, url={ <https://heart.bmj.com/content/heartjnl/60/4/299.full.pdf> } }

@misc{Ultrasound in the evaluation of penetrating thoraco-abdominal trauma: a review of the literature,

url={ <http://www.medultrason.ro/ultrasound-in-the-evaluation-of-penetrating-thoraco-abdominal-trauma-a-review-of-the-literature/> } }

@article{American Journal of Respiratory and Critical Care Medicine,

url={ <https://www.atsjournals.org/doi/abs/10.1164/rccm.201003-0369OC> } }

@misc{Towards evidence-based emergency medicine: best BETs from the Manchester Royal Infirmary, url={ <https://emj.bmj.com/content/emjmed/25/4/222.1.full.pdf> } }

@misc{Overview of abdominal aortic aneurysm - UpToDate,

url={ <https://www.uptodate.com/contents/overview-of-abdominal-aortic-aneurysm> } }

@misc{Coursebook transgit ch08 by EFSUMB - Issuu,

url={ https://issuu.com/efsumb/docs/coursebook-transgit_ch08?e=3336122/6603975 } }

@article{Ultrasound-assisted cannulation of the internal jugular vein: A prospective comparison to the external landmark-guided technique,

url={ <https://www.ahajournals.org/doi/pdf/10.1161/01.CIR.87.5.1557> } }

@misc{Best practice recommendations for cleaning and disinfection of ultrasound transducers whilst maintaining transducer integrity,

url={ http://efsumb.org/safety/resources/2017-probe_cleaning.pdf } }

@misc{Kidney Disease: Improving Global Outcomes (KDIGO) Acute Kidney Injury Work Group. KDIGO Clinical Practice Guideline for Acute Kidney Injury,

url={ <https://kdigo.org/wp-content/uploads/2016/10/KDIGO-2012-AKI-Guideline-English.pdf> } }

@misc{The RUSH Exam: Rapid Ultrasound in Shock in the Evaluation of the Critically Ill,

url={ <https://pdfs.semanticscholar.org/86a1/b3319b1f30266c99e378720af7a298973572.pdf> } }

@article{The Role of Ultrasound in Renal Insufficiency: The Essentials, volume={ 21},

url={ <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=00013644-200512000-00003&LSLINK=80&D=ovft> },
number={4}, journal={Ultrasound Quarterly}, pages={227-244} }

@misc{Soft Tissue Ultrasound,
url={ <https://www.acep.org/sonoguide/basic/soft-tissue-ultrasound/> } }