Welcome to the end of October 2020 edition of the SPOCUS Focus monthly newsletter, where we hope to disseminate the spookiest sono-centric literature of the past month to our members!

Highlights of this month’s edition include several tricks and treats:
- A ghoulish case report of a POCUS picking up a parasitic infestation
- A new trick for using carotid ultrasound to detect a pulse intra-arrest
- A sweet treat! Using oral midazolam to better enable pediatric abdominal POCUS

…plus many more, including a review of POCUS simulation models!

Please enjoy the links provided below, and you will find a list of prior newsletters under the members only section of the SPOCUS.org website.


Quality of abdominal ultrasound image acquisition by novice practitioners following a minimal training session on healthy volunteers. Waterman B et al. CJEM. 2020.22(S2):S74-S78. #EMS #prehospital #studentPOCUS

Assessing the validity of two-dimensional carotid ultrasound to detect the presence and absence of a pulse. Sanchez S et al. Resuscitation. 10.1016/j.resuscitation.2020.10.002 #criticalcare #emergencymedicine #vascular


Ultrasound-guided regional anaesthesia and reduction of distal radius fractures in an emergency department. Ammann S et al. Swiss Med Wkly. 2020.150:w20288. #emergencymedicine #ortho


Comparison of ultrasound-guided versus fluoroscopy-guided reduction of forearm fractures in children.
Gillon JT et al. Emerg Radiol. 10.1007/s10140-020-01862-6 #emergencymedicine #orthopaedics


Enhancing cooperation during pediatric ultrasound: Oral midazolam versus conventional techniques.


Increased body mass index is associated with decreased imaging quality of point-of-care abdominal aortic ultrasonography. Jeeji AK et al. J Clin Ultrasound. 10.1002/jcu.22929 #emergencymedicine #primarycare #vascular


Accuracy of Emergency Physicians for Detection of Regional Wall Motion Abnormalities in Patients With Chest Pain Without ST-Elevation Myocardial Infarction. Sağlam C et al. 10.1002/jum.15513 #cardiology #criticalcare #emergencymedicine

Validity of thoracic ultrasonography to rule out iatrogenic pneumothorax performed by pulmonologists without experience in this procedure. Ramos Hernández C et al. Rev Clin Esp. 10.1016/j.rce.2020.01.012 #emergencymedicine #pulmonary #studentPOCUS

Use and impact of point-of-care ultrasonography in general practice: a prospective observational study.
Aakjær Andersen C et al. BMJ Open. 2020.10(9):e037664. #internalmedicine #primarycare

Enjoy, & see you next month!

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