Happy holidays & welcome to the end of December 2020 edition of the SPOCUS Focus monthly newsletter, where we hope to disseminate the best sono-centric literature of the past month to our members!

Highlights of this month’s edition include utilizing POCUS for bedside double-J stent insertion during the COVID era, the prevalence of alternative diagnoses on negative DVT ultrasound, sono-guided NGT placement for pediatrics, and a bevy of orthopaedic literature!

Please enjoy the links provided below. As always, you can find a list of prior newsletters under the members only section of the SPOCUS.org website. Without further ado...


Point of care ultrasound use by associate providers for differentiating abscess versus cellulitis skin and soft tissue infection in the emergency department. Knaysi G et al. J Emerg Med. 2020 Oct 22;S0736-4679(20)30710-1. #dermatology #emergencymedicine


Measuring the optic nerve sheath diameter with ultrasound in acute middle cerebral artery stroke patients. Guzeldag S et al. J Stroke Cerebrovasc Dis. 2020 Dec 8;30(20):105523. #criticalcare #emergencymedicine #neurology

Phenotyping the shoulder patient based on ultrasound-detected pathologies: a cross sectional study in general practice. Verdonk DL et al. Fam Pract. 2020 Dec 12;cmaa129. #orthopaedics #primarycare


The analgesic efficacy of erector spinae plane blocks in patients undergoing posterior lumbar spinal surgery for lumbar fracture. Yu Y et al. World Neurosurg. 2020 Dec 16;S1878-8750(20)32633-4. #anesthesia #emergencymedicine #trauma


Intravascular ultrasound in the endovascular treatment of patients with peripheral artery disease: current role and future perspectives. Loffroy R et al. Front Cardiovasc Med. 2020 Dec 2;7:551861. #IR #vascular

Ultrasound-based scoring system for indication of pyeloplasty in patients with UPJO-like hydronephrosis. Li B et al. Front Pediatr. 2020 Jul 2;8:353. #pediatrics #urology

Enjoy, & see you next month!
-SPOCUS

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