Contrast-Enhanced Ultrasound in Pediatrics

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1) Benefits and limitations of CEUS in pediatrics
2) Safety data regarding the use of ultrasound contrast agents in children
3) CEUS in children; indications currently in use or under clinical investigation in the United States:
   a) Contrast enhanced voiding urosonography
   b) Assessment of abdominal trauma
   c) Assessment of inflammatory bowel disease
   d) Pediatric oncology
      i) Tumor response to antiangiogenic agents
      ii) Assessing liver lesions after completion of therapy
4) Future directions of CEUS in pediatrics
   a) Testicular torsion
   b) Assessment of blood flow in the pediatric hip
   c) Ischemic/hypoxic brain injury

References:


