

POCUS NO ABDÔMEN AGUDO DA CRIANÇA

Emergency evaluation of the child with acute abdominal pain

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- **Ultrasonography (US)** – Because it has the advantage of no radiation exposure and can be performed at the bedside, ultrasonography may be useful for several conditions that cause abdominal pain in children including the following:
 - Gallstones.
 - Genitourinary conditions (eg, ovarian torsion, ruptured ovarian cyst, and testicular torsion). (See "[Ovarian and fallopian tube torsion](#)", [section on 'Ultrasound'](#) and "[Causes of scrotal pain in children and adolescents](#)", [section on 'Role of imaging'](#) and "[Evaluation and management of ruptured ovarian cyst](#)", [section on 'Laboratory tests'](#).)
 - Intussusception ([image 6](#)). (See "[Intussusception in children](#)", [section on 'Ultrasonography'](#).)
 - Appendicitis – US is the recommended imaging modality for children with atypical or equivocal findings, although the utility of US for diagnosing appendicitis depends upon the experience of the ultrasonographer, and may also vary based upon a child's body mass index ([image 7](#) and [image 8](#) and [table 2](#)). (See "[Acute appendicitis in children: Diagnostic imaging](#)", [section on 'Imaging approach'](#) and "[Acute appendicitis in children: Diagnostic imaging](#)", [section on 'Test performance'](#).)
 - As part of a focused abdominal sonography for trauma (FAST examination) in a trauma patient with blunt injury, a negative FAST examination by an experienced ultrasonographer may exclude significant intraabdominal hemorrhage as the explanation for shock. (See "[Trauma management: Approach to the unstable child](#)", [section on 'FAST \(Focused Assessment with Sonography for Trauma\)'](#).)