

Clinical Guideline

Abdominal Ultrasonography

By Dr. CJ Tseng

Consultations: If abnormalities are noted at pelvic ultrasonography, an obstetrician and gynecologist or radiologist can be consulted for further evaluation. Color flow Doppler imaging may be helpful in certain cases (eg, ovarian torsion), and a repeat ultrasonographic examination may be necessary.

Further Outpatient Care:

- Perform further outpatient evaluation and repeat pelvic ultrasonography in cases of ovarian cysts.

Patient Education:

- Inform patients that the ultrasonographic examination performed by the emergency physician is for screening of potential life-threatening situations and/or difficult diagnoses.
- If an abnormal ultrasonographic finding is noted, subsequent ultrasonographic examination may be needed for detailed diagnosis.

Medical/Legal Pitfalls:

- The biggest pitfall of using ultrasonography in the ED is missing a diagnosis of an ectopic pregnancy. An interstitial pregnancy can be confused with an intrauterine pregnancy.
- Diagnosis of a carcinoma is beyond the present scope of practice for the emergency sonographer. It is sufficient to say that a complex mass is present in a particular anatomical location.
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Abdominal (liver, kidney, gallbladder) ultrasound uses sound waves to safely diagnose many causes of stomach pain. This test also monitors pregnancy.Â Abdominal ultrasound is an imaging test that used to diagnose a wide range of medical issues safely. It is fast and almost painless. It uses no radiation. Small Animal Abdominal Ultrasonography: The Pancreas. Elizabeth HuynhDVM. Elizabeth Huynh, DVM, is a diagnostic imaging resident and graduate student at University of Florida College of Veterinary Medicine. Her interests include ultrasonography, cross-sectional imaging, and nuclear medicine. She received her DVM from Ross University, finished her clinical year at Ohio State University, and completed a diagnostic imaging internship at Animal Specialty and Emergency Center in Los Angeles, California. An abdominal ultrasound uses sound waves to check a number of conditions. Learn about what ultrasounds are used for and if there are any risks.Â Abdominal Ultrasound. Medically reviewed by Shuvani Sanyal, M.D. â€” Written by the Healthline Editorial Team â€” Updated on September 17, 2018. Uses.