

IMAGING			
Imaging Study	Times Available	Days	Other Info
US Abdomen w/ Appendix	8a-5p 8a-3p	Mon- Sat Sun	Next Day ultrasound ordered as Referral in EPIC Disposition
US Pelvis Complete w/doppler (females)	All times	All days	Consider for all with concern for ovarian pathology
MRI Pelvis w/o IV contrast	All times based on MRI availability	All days	Consider in patients not requiring sedation if: Ultrasound unavailable, rad unable to visualize appendix by US, patient specific characteristics (e.g. BMI)
CT Pelvis w/ IV contrast	All times	All days	Only consider if MRI not available within 2 hours

**Admission Criteria				
Clinical Decision Unit (CDU)	Inpatient Unit	Intensive Care Unit (ICU)		
No evidence of peritonitis Meets criteria for ultrasound imaging in am Does not meet any exclusion criteria (see CDU exclusion criteria) Does not meet discharge criteria***	Likely to require hospitalization > 24hrs Concern for Peritonitis Meets CDU exclusion criteria Does not require ICU level of care Does not meet Discharge criteria***	Clinical concern for sepsis (hypotension, poor perfusion, altered mental status)		
***	Discharge Criteria			

-Follow up w PMD within 24 hours arranged

- No insurance barriers to return for outpatient

-Pain controlled with OTC medications

-No social or transportation barriers to return next day

-Able to tolerate clear liquids

or appropriate follow-up

ultrasound

NOTE: This evidence based guideline was developed for educational purposes and for use in the Division of Pediatric Emergency Medicine at Hasbro Children's Hospital. Decisions about evaluation and treatment are the responsibility of the treating clinician and should always be tailored to the individual clinical circumstances. Developed 05/2017.

Atypical Presentations, Role of CRP, PAS Sensitivity

Atypical Presentations:

Consider imaging in patients with longer duration of illness and those in whom early scheduled follow-up cannot be assured.

<u>CRP:</u>

Atypical presentation could be perforated appendicitis/abscess: In those with fever, prominent vomiting, longer duration of illness, sending a CRP has been shown to be useful to identify patients with perforated appendicitis.

PAS Sensitivity with WBC 10K

PAS score < 4

Goldman reported 6% (5/83) had appendicitis. Bachur found 6.8% (11/162) had appendicitis.