

Cause	Clinical Features	Imaging Findings
Complications of pregnancy		
Miscarriage	Pelvic pain and vaginal bleeding	Lack of live intra-uterine fetus
Ectopic pregnancy	In vitro vertilization or fertility	Lack of live intra-uterine fetus
	drugs; abdominal pain; vaginal	
	bleeding	
Molar pregnancy	Abdominal pain; hyperemesis;	Lack of normal intra-uterine fetus;
	disproportionate elevation of	endometrial multicystic mass
Placental abruption	betaHCG Pelvic pain and vaginal bleeding;	Separation of the placenta from the
riacental abruption	uterine contractions	uterus
Intra-amniotic infection	Fever; abdominal pain; leukocytosis;	???
	tachycardia; uterine contractions	
Uterine rupture	History of prior cesarean delivery or	Free fluid in the peritoneal cavity;
•	uterine pregnancy, peritoneal	discontinuity of the uterus
	irritation, vaginal bleeding	
Severe Pre-eclampsia	Abdominal pain; hypertension;	As pre-eclampsia; peritoneal fluid from
and the HELLP	hemolysis; elevated AST and LDH;	hemorrhage
syndrome	low platelets	
Diseases complicating pregnancy		
Ovarian torsion	Pelvic pain on the side of the torsion;	Cysts, swelling, or diminished flow (on
	elevated WBC count	color Doppler) of the ovary
Acute appendicitis	Right lower quadrant pain; anorexia;	Swollen appendix; peri-appendiceal fat
G 1911 11 11	elevated WBC count	stranding
Gallbladder disease	Intermittent right upper quadrant	Gallstones; gallbladder wall thickening;
D 1 -1	pain; fever and leukocystosis	pericholecystic fluid
Bowel obstruction	Prior abdominal surgery; abdominal	Distension proximal to, and collapse
	pain; new onset nausea and vomiting after the first trimester	distal to, the obstruction; abnormality at
Inflammatory bowel	Abdominal pain; altered bowel	the transition point (e.g., hernia) Bowel wall thickening; fat stranding
disease	movements; fever; weight loss	Bower wan thickening, fat stranding
Pancreatitis	Upper abdominal pain; elevated	Pancreas swelling and peripancreatic
Tuncicutitis	amylase and lipase; elevated WBC	fat stranding; focal fluid collections in
	count	or adjacent to the pancreas
Diverticulitis	Abdominal pain and fever; elevated	Diverticulae; pericolic fat stranding;
	WBC count	free air or free fluid in the peritoneal
		cavity
Pyelonephritis	Flank pain; fever; pyuria	Hyperemia of the kidney;
		hydronephrosis with debris
Nephrolithiasis	Flank pain; hematuria	Renal stone in the collecting system
Pneumonia	Abdominal or chest pain; fever;	Lung consolidation; pleural effusion
Dulmonomy11'	cough; dyspnea	Elling defeat in the males are
Pulmonary embolism	Acute chest pain; dyspnea; decreased	Filling defect in the pulmonary artery;
oxygen saturation abnormal lung perfusion		
No imaging findings: cystitis, gastroenteritis		

[&]quot;dDx Pregnant patient with symptoms", available at www.symptombasedradiology.com; Last updated: 10/07/16

REFERENCES

Hooton TM. Urinary tract infections and asymptomatic bacteriuria in pregnancy. UpToDate, accessed 4/20/12.

Kilpatrick CC, Orejuela FJ. Approach to abdominal pain in the pregnant and post-partum woman. UpToDate, accessed 4/20/12.

Preminger GM, Curhan GC. Nephrolithiasis during pregnancy. UpToDate, accessed 4/20/12.

Spalluto LB, Woodfield CA, DeBenedectis CM, Lazarus E. MR imaging evaluation of abdominal pain during pregnancy: appendicitis and other nonobstetric causes. RadioGraphics 2012;32:317-334.

Thadhani PI, Maynard SE. Renal and urinary tract physiology in normal pregnancy. UpToDate, accessed 4/20/12.

Wang PI, Chong ST, Kielar AZ et al. Imaging of pregnant and lactating patients: Part1, evidence-based review and recommendations. AJR 2012;198:778-784.

Wang PI, Chong ST, Kielar AZ et al. Imaging of pregnant and lactating patients: Part 2, evidence-based review and recommendations. AJR 2012;198:785-792.

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