

Citation Grading: Ultrasound for the diagnosis and management of ureterolithiasis in the Emergency Department				
Citation #	Publication	Grade Quality	Comments	Findings
1	Coursey		Background for intro	
2	Brenner		Background for intro	
3	Smith-Bindman		Background for intro	
4	Moak	C Adequate	Prospective Observational: Modest sensitivity/specificity for hydronephrosis	Neutral
5	Kartal	C Adequate	Prospective Observational: Modest sensitivity, safe to follow up without CT	Supportive
6	Rosen	C Adequate	Prospective Observational: Modest sensitivity/specificity for hydronephrosis	Neutral
7	Gaspari	C Adequate	Prospective Observational: Good sens/spec, CT did discover other significant pathology	Supportive
8	Fields	C Adequate	Prospective Observational: No hydro and strong suspicion can d/c, no pt with alternate dx at FU, ureteral jets not helpful	Supportive
9	Smith-Bindman	A Outstanding	Prospective Randomized: 2800 pts, multicenter, randomized to 3 tx arms- POCUS, Rads US, CT. No difference in complication/serious outcome. Less radiation in US arms.	Supportive