

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Hydronephrosis on Prior Imaging-Unknown Cause**

Literature Search Performed on: 02/14/2022  
 Beginning Date: January 2013  
 End Date: January 2022  
 Database: Ovid MEDLINE(R) ALL <1946 to February 11, 2022>

**Search Strategy**

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- 1 Hydronephrosis/bl, di, dg, et, pa, ur (7095)
- 2 exp Tomography, X-Ray Computed/ or exp Magnetic Resonance Imaging/ or Ultrasonography/ or Ultrasonography, Doppler/ or Ultrasonography, Doppler, Duplex/ or Ultrasonography, Doppler, Pulsed/ or Urography/ or Technetium Tc 99m Dimercaptosuccinic Acid/ or Technetium Tc 99m Mertiatide/ or Fluoroscopy/ or Radiopharmaceuticals/ (1141913)
- 3 "Urodynamics"/ (15778)
- 4 Hematuria/di, dg, pa (3045)
- 5 Kidney Diseases/ or Ureteral Diseases/ or Urethral Diseases/ or Urinary Bladder Diseases/ (105983)
- 6 Ureteral Obstruction/di, dg, pa, co or Urethral Obstruction/di, dg, pa, co or Urinary Bladder Neck Obstruction/di, dg, pa, co (9496)
- 7 Urinary Tract/dg or Kidney/dg or Kidney Pelvis/dg or Kidney Calices/dg or Ureter/dg or Urethra/dg or Urinary Bladder/dg (24374)
- 8 Vesico-Ureteral Reflux/di, dg, pa, co (4562)
- 9 Dilatation, pathologic/ (11224)
- 10 Renal Colic/ (635)
- 11 Pain/ or Abdominal Pain/ or Abdomen, Acute/ or Flank Pain/ or Pelvic Pain/ or Chronic Pain/ (196608)
- 12 pregnancy/ (936716)
- 13 1 and (or/2-12) (5158)
- 14 Hydronephrosis/ and (bladder dysfunction or ureteral dysfunction).tw. (32)
- 15 Blood Pressure/ and pregnancy/ and kidney/ (603)
- 16 Pregnancy complications/di, pa, dg (16773)
- 17 Renal Colic/ and 2 (181)
- 18 16 and (1 or 5 or 8 or 9) (383)
- 19 13 or 14 or 17 or 18 (5611)
- 20 19 not limit 19 to case reports (3683)
- 21 limit 20 to (abstracts and english language) (1996)
- 22 15 or 21 (2597)
- 23 limit 22 to yr="2013 -Current" (690)
- 24 limit 23 to "all child (0 to 18 years)" (317)
- 25 limit 24 to "all adult (19 plus years)" (74)
- 26 (23 not 24) or 25 (447)
- 27 limit 26 to children - focussed (23)
- 28 26 not 27 (424)
- 29 28 not animals/ (301)
- 30 (kidneys and obstructive uropathy).kw. (1)
- 31 (renal colic and pregnancy).kw. (8)
- 32 29 or 30 or 31 (309)
- 33 32 not Pre-Eclampsia/ (290)
- 34 limit 33 to case reports (1)
- 35 33 not 34 (289)

**Summary**

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Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	289	44

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Author Added	11	5
Supporting Docs	6	6
Total		55

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.