

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Penetrating Trauma–Lower Abdomen and Pelvis**

Literature Search Performed on: 04/16/2018

Beginning Date: January 2012

End Date: March 2018

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

**Search Strategy**

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- 1 exp diagnostic imaging/ (2418492)
- 2 (imaging or computed tomography or MRI or Cystography or Magnetic Resonance Imaging or urography or urethrography or contrast or xray or radiography or nuclear medicine or mag3 or Technetium or tc99 or ultrasound or Arteriography).tw. (1888593)
- 3 1 or 2 (3539625)
- 4 exp Wounds, Penetrating/ or (penetrating trauma\* or penetrating injur\* or wound\*).mp. (356566)
- 5 Urogenital System/ or Urinary Bladder/ or urethra/ or hematuria/ or vulva/ or testis/ or vagina/ or scrotum/ or urinary tract/ or ureter/ (210850)
- 6 4 and 5 and 3 (1103)
- 7 (Urogenital System/in or Urinary Bladder/in or urethra/in or vulva/in or testis/in or vagina/in or scrotum/in or urinary tract/in or ureter/in) and (penetrating.tw. or penetrating.kw. or penetrating trauma.kw. or penetrating injury.kw. or wound.tw. or wound.kw.) (423)
- 8 7 and 3 (147)
- 9 (Bladder/ and contusion/) or bladder contusion.mp. (44)
- 10 9 and 3 (19)
- 11 Bladder/dg and (contusion.tw. or contusion.kw.) (6)
- 12 (Urogenital System/in and Urogenital System/dg) or (Urinary Bladder/in and Urinary Bladder/dg) or (urethra/in and urethra/dg) or (vulva/in and Vulva/dg) or (testis/in and testis/dg) or (vagina/in and vagina/dg) or (scrotum/in and scrotum/dg) or (urinary tract/in and urinary tract/dg) or (ureter/in and ureter/dg) (830)
- 13 Pelvis/dg and Pelvis/in and Wounds, Penetrating/ (8)
- 14 (genitourinary trauma or genitourinary injury or genitourinary wound).mp. (145)
- 15 extraperitoneal bladder rupture.mp. (59)
- 16 intraperitoneal bladder rupture.mp. (101)
- 17 (lower urinary tract adj3 trauma\*).tw. (29)
- 18 (lower urinary tract adj3 injur\*).tw. (133)
- 19 Traumatic Urinary Bladder Injur\*.tw. (2)
- 20 Pelvic fracture urethral injur\*.tw. (77)
- 21 intra-abdominal injur\*.tw. (787)
- 22 (14 or 15 or 16 or 17 or 18 or 19 or 20 or 21) and 3 (529)
- 23 6 or 8 or 10 or 11 or 12 or 13 or 22 (2072)
- 24 limit 23 to (abstracts and english language and humans and yr="2012 -Current") (261)
- 25 limit 24 to case reports (84)
- 26 24 not 25 (177)
- 27 limit 26 to "all child (0 to 18 years)" (71)
- 28 limit 27 to "all adult (19 plus years)" (36)
- 29 26 not 27 (106)
- 30 28 or 29 (142)
- 31 remove duplicates from 30 (142)

**Summary**

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Source	#Unique Refs	#Retained Refs
Old bibliography	54	22
Literature Search(es)	142	3
Author Added	0	0

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Supporting Docs	1	1
Total		26

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.