

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Lower Urinary Tract Symptoms: Suspicion of Benign**  
**Prostatic Hyperplasia**

Literature Search Performed on: 11/01/2017

Beginning Date: January 1997

End Date: October 2017

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 Lower Urinary Tract Symptoms/di, dg, pa, pp or Prostatic Hyperplasia/di, dg, pa, pp or Urinary Bladder Neck Obstruction/di, dg, pa, pp (11407)
- 2 (benign prostatic hyperplasia and (diagnostic imaging or bladder outlet obstruction or Lower urinary tract symptoms)).kw. (227)
- 3 Prostatic hyperplasia/ and practice guideline/ (37)
- 4 exp diagnostic imaging/ (2575228)
- 5 (1 and 4) or 2 or 3 (2625)
- 6 limit 5 to (abstracts and english language and humans and yr="1997-Current") (882)
- 7 6 not (male/ or female/) (9)
- 8 (6 and male/) or 7 (842)
- 9 limit 8 to "all child (0 to 18 years)" (50)
- 10 8 not (9 or exp adult/) (188)
- 11 (8 and exp adult/) or 10 (816)
- 12 limit 11 to case reports (42)
- 13 11 not 12 (774)
- 14 remove duplicates from 13 (729)

**Summary**

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| Source                | #Unique Refs | #Retained Refs |
|-----------------------|--------------|----------------|
| Old bibliography      | 27           | 3              |
| Literature Search(es) | 719          | 26             |
| Author Added          | 10           | 8              |
| Supporting Docs       | 2            | 2              |
| Total                 |              | 39             |

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.