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.

**Literature Search**

**ACR Appropriateness Criteria®**

**Acute Onset Flank Pain-Suspicion of Stone Disease (Urolithiasis)**

Literature Search Performed on: 11/03/2020  
Beginning Date: January 2015  
End Date: October 2020  
Database: Ovid MEDLINE(R) ALL <1946 to November 02, 2020>

**Search Strategy**

1  *Urinary Calculi/ (8946)
2  renal stone.mp. (2180)
3  urinary stone disease.mp. (559)
4  *Flank Pain/ (275)
5  exp Diagnostic Imaging/ (2661432)
6  *Renal Colic/ (465)
7  *Kidney Calculi/ (14827)
8  1 or 2 or 3 or 4 or 6 or 7 (25162)
9  5 and 8 (4921)
10  limit 9 to (abstracts and english language and humans and yr="2015 -Current") (658)
11  limit 10 to case reports (79)
12  10 not 11 (579)

**Summary**

<table>
<thead>
<tr>
<th>Source</th>
<th>#Unique Refs</th>
<th>#Retained Refs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old bibliography</td>
<td>82</td>
<td>28</td>
</tr>
<tr>
<td>Literature Search(es)</td>
<td>579</td>
<td>18</td>
</tr>
<tr>
<td>Author Added</td>
<td>15</td>
<td>7</td>
</tr>
<tr>
<td>Supporting Docs</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>60</td>
</tr>
</tbody>
</table>

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.