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®**  
**Second and Third Trimester Vaginal Bleeding**

Literature Search Performed on: 03/12/2018  
Beginning Date: January 2012  
End Date: February 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

1. exp diagnostic imaging/ and (low-lying placenta or vasa previa or uterine rupture or placental abruption or Cervical Incompetence).tw. (726)  
2. (mid-trimester or second trimester or third trimester).tw. and 1 (142)  
3. (Pregnancy Trimester, Second/ or Pregnancy Trimester, Third/ or Labor, Obstetric/) and exp diagnostic imaging/ (6964)  
4. (low-lying placenta or vasa previa or uter* rupture or placenta* abruption or Cervical Incompetence).tw. and 3 (162)  
5. Uterine hemorrhage/ and 3 (84)  
6. (mid-trimester or second trimester or third trimester).tw. and Uterine hemorrhage/di, dg (34)  
7. (mid-trimester or second trimester or third trimester).tw. and Pregnancy Complications/di, dg (818)  
8. 7 and (low-lying placenta or vasa previa or uter* rupture or placenta* abruption or Cervical Incompetence).tw. (31)  
9. Obstetric Labor Complications/ and (low-lying placenta or vasa previa or uter* rupture or placenta* abruption or Cervical Incompetence).tw. (453)  
10. exp diagnostic imaging/ and 9 (28)  
11. (placenta previa/di, dg or Cervical Incompetence/di, dg or vasa previa/di, dg or placental abruption/di, dg or uterine rupture/di, dg) and exp diagnostic imaging/ (1228)  
12. 2 or 4 or 5 or 6 or 8 or 10 or 11 (1419)  
13. limit 12 to (abstracts and english language and humans and yr="2012 -Current") (200)  
14. limit 13 to case reports (46)  
15. 13 not 14 (154)  
16. remove duplicates from 15 (154)

### Summary

<table>
<thead>
<tr>
<th>Source</th>
<th>#Unique Refs</th>
<th>#Retained Refs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old bibliography</td>
<td>74</td>
<td>18</td>
</tr>
<tr>
<td>Literature Search(es)</td>
<td>100</td>
<td>21</td>
</tr>
<tr>
<td>Author Added</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Supporting Docs</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>51</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.