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**

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