

Priority Topic: VAGINAL BLEEDING

Key Features:

1. In **any woman** with vaginal bleeding, **rule out pregnancy**.
 - ✓ **The rest of the Key Features divide Vag Bleed into: Pregnant, Non-pregnant, and Menopausal. So, the first step in the decision tree is to determine pregnancy status.**
2. In **pregnant** patients with vaginal bleeding: **see also Priority Topic Pregnancy**
 - a) **Consider worrisome causes** (e.g., ectopic pregnancy, abruption, abortion), and confirm or exclude the diagnosis through appropriate **interpretation of test results**.

What you should study: Lots of options, just make sure you understand the interpretation of b-hCG and ultrasound. The notes from the podcast are good for this.

 - ✓ **EM Cases: Episode 23 Vaginal Bleed in Early Pregnancy**
 - ✓ **Ectopic Pregnancy AAFP 2014**
 - ✓ **Pregnancy Loss AAFP 2011**
 - ✓ **Early Pregnancy Loss ACOG 2017**
 - ✓ **First Trimester Bleed AAFP 2009**
 - ✓ **Late Pregnancy Bleed AAFP 2007** ****Important for Previa, Abruption**
 - ✓ **Trauma in Pregnancy SOGC 2015**
 - ✓ **Je saigne, tu saignes, elles saignent MduQ 2011**

b) Do not forget **blood typing and screening**, and offer **rH immunoglobulin treatment**, if appropriate.

What you should study:

- ✓ **EM Cases: Episode 23 Vaginal Bleed in Early Pregnancy**
- ✓ **Rh Immunization SOGC**

c) Diagnose (and treat) **hemodynamic instability**.

What you should study: See Priority Topics ACLS, Trauma

- ✓ **Hemorrhagic Shock SOGC 2002**

3. In a **non-pregnant** patient with vaginal bleeding:

a) Do an **appropriate work-up** and testing to diagnose worrisome causes (e.g., cancer), using an **age-appropriate approach**.

What you should study:

- ✓ **AUB in Premenopausal Women SOGC 2018**
- ✓ **PALM-COEN Figo Classification 2011**
- ✓ **IMB and Post-Coital Bleeding 2017**

b) Diagnose (and treat) **hemodynamic instability**.

What you should study: See Priority topics ACLS, Trauma

✓ Hemorrhagic Shock SOGC 2002

c) **Manage hemodynamically stable** but significant vaginal bleeding (e.g., with medical versus surgical treatment).

What you should study: The AJOG article is great!

✓ Acute AUB in Premenopausal Women ACOG 2013

✓ Management of AUB AJOG 2015 **Special attention to Table 1 and Table 3**

✓ ED Management of Vaginal Bleed 2013

✓ AUB Management Updates 2017

4. In a **post-menopausal** woman with vaginal bleeding, **investigate** any new or changed vaginal bleeding in a timely manner (e.g., with endometrial biopsy testing, ultrasonography, computed tomography, a Pap test, and with a pelvic examination).

What you should study:

✓ Postmenopausal bleeding 2012

✓ Endometrial cancer AAFP 2016

✓ Endometrial cancer SOGC 2013