













- (4) Upon rupture, bleeding may be excessive
- (5) Shock signs and symptoms
- (6) Additional history
  - (a) Previous surgical adhesions
  - (b) Pelvic inflammatory disease
  - (c) Tubal ligation
  - (d) Use of an IUD
  - (e) Previous ectopic pregnancy
- (7) Additional physical exam
  - (a) Check for impending shock, orthostatic vital signs
  - (b) Presence and volume of vaginal blood
- f. Additional management
  - (1) See "general management"
  - (2) Second large bore IV line
  - (3) Trendelenburg, if shock impending
  - (4) Emergency transport to nearest surgically capable facility
- 4. Vaginal bleeding
  - a. Causes
    - (1) Menstruation
      - (a) Never assume that your emergency call for vaginal hemorrhage is due to normal menstruation
      - (b) Menorrhagia (heavy vaginal bleeding)
    - (2) Abortion/ miscarriage
      - (a) Assume always during first and second trimester of known or possible pregnancy
      - (b) Consider if last menstrual period > 60 days
      - (c) May have history of similar events
      - (d) Note particularly any tissue or large clots
        - i) If possible, collect material for pathological review
      - (e) Emotional support extremely important
    - (3) Placenta previa/ placenta abruption
      - (a) Vaginal bleeding in third trimester
      - (b) Always a serious emergency
    - (4) Other causes
      - (a) Lesion
      - (b) PID
      - (c) Trauma
      - (d) Onset of labor
  - b. Organs affected
    - (1) Female sexual organs
  - c. Complications
    - (1) May be life-threatening
    - (2) May lead to hypovolemic shock and death
  - d. Specific assessment findings
    - (1) Onset of symptoms
    - (2) Additional physical examination
      - (a) Check for impending shock, orthostatic vital signs
      - (b) Presence and volume of vaginal blood
  - e. Management
    - (1) See "general management"



