Objectives

- Identify the causes and risk factors to intrapartum hemorrhage
- Recognize the early signs of excessive blood loss
- Discuss the treatment of intrapartum hemorrhage and its consequences
- Review the physiology of pregnancy that affects blood loss at delivery
- Describe the sequelae of hypovolemic shock

Intrapartum Hemorrhage

Content Outline

1. Causes
   A. Placental abruption
   B. Uterine atony
   C. Vaginal lacerations

2. Risk factors
   A. Over-distended uterus
   B. Prolonged labor
   C. Premature rupture of membranes
   D. Grand multiparity
   E. Retained Placenta

3. Blood Loss and Hypovolemic shock
   A. Blood loss estimation
   B. Blood loss Indicators
   C. Pregnancy physiologic factors affecting blood loss
   D. Hypovolemic shock
      1. Clinical signs and symptoms
      2. Treatment

4. Treatment
   A. Volume resuscitation
      1. Crystalloids
      2. Colloids
      3. Blood component therapy
         A. Packed red blood cells
         B. Fresh frozen plasma
         C. Cryoprecipitate
         D. Transfusion
         E. Complications
   B. Pharmacological
   C. Surgical

Reading Material Resources
