

Preterm Birth (P.T.B) and its management



Mehdi Paydar MD. FACOG

Objectives

- ✓ Definition
- ✓ Prevalence
- ✓ Classification
- ✓ P.T.B Rate (Trend
- ✓ Etiologies
- ✓ Management
 - Surgical
 - Medical

Definition of P.T.B

P.T.B Is Incomplete Development of various organ systems at birth.

Note: P.T.B is defined by WHO as birth before 37 weeks.

« 39 week Rule »

This rule prohibiting non medically indicated deliveries before 39 weeks.

Etiologies of P.T.B

- Maternal and fetal conditions 30-35%
- Spontaneous P.T.B with intact membranes 40-45%
- Idiopathic P.T.B with **PPROM** 30-35%
- Others: multifetal pregnancy; placental complication, previa... 3%

Finally: Reasons for P.T.B have multiple, often interacting antecedents and contributing factors.

Management of P.T Birth

- ✓ Surgical, (cerclage, repair, pessaries...)
- ✓ Medical

Medical

- Tocolytics
- Mg. SO_4
- Corticosteroid
- Antibiotics
- Psychotherapy



Thank You