High risk Neonates

* **High risk newborn : an new born who has an increase likelihood of dying in neonate period or who has physiological problems that threaten growth and development & required special nursing ,medical care and technological support .**
* **Any baby exposed to any condition that make the survival rate of the neonate at danger.**
* **4 million newborn death almost all are due to preventive condition**

**Classification of high risk newborn :**

**classification according to**

1. **Birth weight**

* **Low birth weight (LBW):** an infant whose birth weight is less than 2500g regardless of gestational age.
* **Very low birth weight (VLBW) infant :** an infant whose birth weight less than 1500g.
* **Extremely low birth weight(ELBW) infant:** an infant whose birth weight less than 1000g .

1. **Classification according to Mortality .**
2. **Classification according to Path physiological Problems.**
3. **Classification according to gestational age**

* **Premature (Preterm) newborn :an infant born before completion of 37 week of gestation regardless of birth weight .**
* **Full term new born infant : an infant born between the beginning of 38 weeks and completion of the 42 weeks of gestational, regardless of birth weight.**
* **Post mature (post term ) newborn infant : an infant born after 42 weeks of gestational age , regardless of birth weight .**

**Factors Associated with High risk Neonates**

1. Birth weight less than 2000 g.
2. Gestational age less than 37 weeks
3. Sever birth asphyxia with five minutes Apgar score of 3 or less.
4. Gross congenital malformation .
5. Rh-incompatibility & un willing mother .
6. Maternal diabetes mellitus .
7. Respiratory distress
8. Lack health practice &lack early regular pre natal care.
9. Maternal age (Under 16 - 35 years ).
10. Maternal nutrition .
11. Maternal emotional health.
12. Maternal substance abuse &smoking .
13. Maternal heart disease , lung disease ,& urinary disease .
14. Vaginal bleeding