

The background features a light purple-to-blue gradient. It is decorated with several realistic water droplets of various sizes, some with highlights and shadows, scattered across the frame. A large, faint, circular watermark is visible in the upper center, containing the text 'www.ck12.org'.

Intrauterine Fetal Death

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Content :

- ❖ **Introduction .**
- ❖ **Definition of IUFD and IUGR .**
- ❖ **Their causes .**
- ❖ **Types of IUGR .**
- ❖ **Nursing management .**

Objectives :

❖ **By the end of this lecture the student will be able to :**

➤ **Define IUFD and IUGR .**

➤ **List the type of IUGR .**

➤ **Explain causes and nursing management of each condition .**

Introduction :

- **When an unborn life suddenly ends with fetal demise or stillbirth, the family members are profoundly affected.**
- **The sudden loss of an expected child is tragic and the family's grief can be very intense, can last for years, and can cause extreme psychological stress and emotional problems .**

Count...

- **History and physical examination are of limited value in the diagnosis of fetal death, since the only history tends to be recent absence of fetal movement. An inability to obtain fetal heart sounds on examination suggests fetal demise, but an ultrasound is necessary to confirm the absence of fetal cardiac activity. Once fetal demise is confirmed, induction of labor is indicated.**

Definition :

- **The death of a fetus at any time after 20 week of pregnancy .**

The cause of fetal death can be due to numerous conditions :

- 1. Infection.**
- 2. Hypertension, diabetes .**
- 3. Advanced maternal age , congenital anomalies .**
- 4. Rh disease, uterine rupture .**
- 5. Cord accident, premature rupture of membranes**
- 6. hemorrhage**
- 7. It may be unexplained**

Count...

- **Early pregnancy loss may be through a spontaneous abortion (miscarriage), an induced abortion (therapeutic abortion), or a ruptured ectopic pregnancy.**

Nursing management :

- **The period following a fetal death is extremely difficult for the family. For many women, emotional healing takes much longer than physical healing so all nursing management focus on providing emotional support and restore health .**

To assist families in the grieving process, use the following interventions:

- Provide accurate, understandable information to the family.**
- Encourage discussion of the loss and venting of feelings of grief and guilt.**
- Provide the family with baby mementos and pictures to validate the reality of death.**

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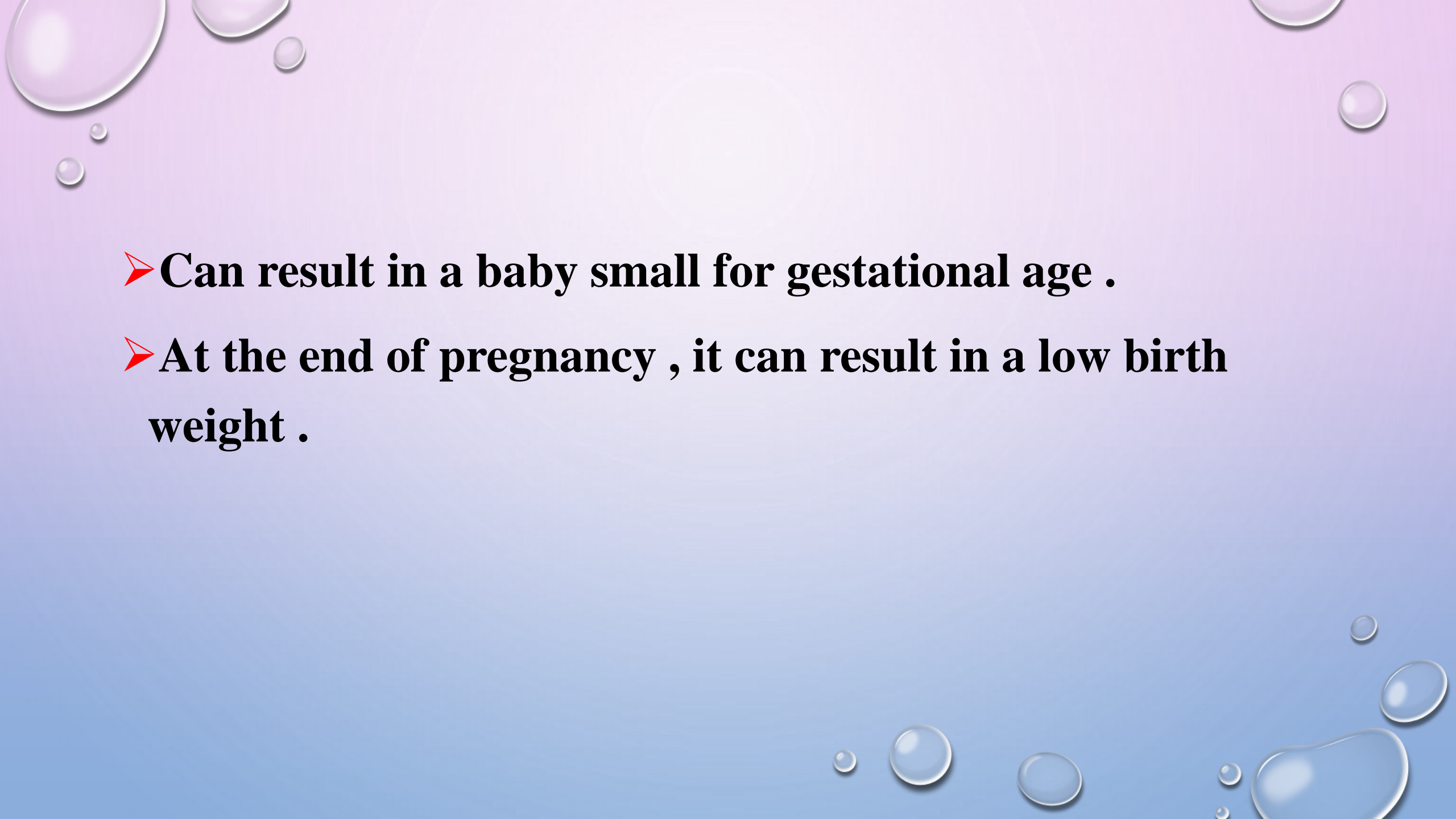
- **Use appropriate touch, such as holding a hand or touching a shoulder.**
- **Refer the family to the support group share pregnancy and infant loss support, inc., Which is designed for those who have lost an infant through abortion, miscarriage, fetal death, stillbirth, or other tragic circumstances.**

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Intrauterine growth restriction

Definition :

- **Refers to poor growth of a fetus while in the mother's womb during pregnancy .**

- 
- **Can result in a baby small for gestational age .**
 - **At the end of pregnancy , it can result in a low birth weight .**

Types :

1. Asymmetrical IUGR :

- **There is restriction of weight followed by length .The head continues to grow at normal or near normal rates. lack of subcutaneous fat leads to a thin and small body .**

2. Symmetrical IUGR :

- The head circumference of such a newborn in proportion to the rest of the body .**

Causes :

1. Maternal :

- **Pre pregnancy weight and nutritional status .**
- **Anemia .**
- **Alcohol , smoking or drug use .**
- **Cardiovascular , renal disease .**
- **Hypertension , gestational diabetes .**

Count...

2. Uteroplacental :

- **Multiple gestation .**
- **Uterine malformations .**
- **Placental insufficiency .**

Count...

3. Fetal :

- **Chromosomal abnormalities .**
- **Vertically transmitted infections .**

Management :

- **Management strategies based on monitoring and delivery methods .**
- **One of the monitoring techniques is an umbilical artery Doppler .**

➤ **Nursing Diagnosis ??????????**

Any questions ????