

AMNION

Meaning: Amnion: a thin membrane that encloses the developing fetus and contains amniotic fluid, providing protection during pregnancy.

1. The amnion is a crucial membrane that surrounds the developing fetus.
2. During pregnancy, the amnion fills with amniotic fluid to protect the baby.
3. Scientists study the amnion to understand better prenatal development.
4. In some species, the amnion also plays a role in gas exchange for the embryo.
5. The rupture of the amnion, commonly known as water breaking, signals labor onset.
6. An intact amnion is essential for maintaining a stable environment for the fetus.
7. Medical researchers are exploring the use of amnion-derived cells for regenerative therapies.
8. Disorders of the amnion can lead to complications in pregnancy and childbirth.
9. The structure of the amnion varies among different animals, reflecting their reproductive strategies.
10. In humans, the amnion develops from the inner cell mass of the blastocyst during early gestation.

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