



## Origin of Birth - What is a belly button?

People in the world have belly buttons, and they are always in the same place on their bodies. Do you know why?

As a baby develops inside the mother, he or she is connected to the mother's placenta by a special tube, called "umbilical cord". Umbilical cord is a lengthy tube with 20 - 60 cm long, and 1 cm diameter. It plays a significant role in sustaining the growth of the fetus by carrying oxygen and nutrients from the mother to the baby. It also carries wastes away from the baby back to the mother, so she can get rid of them.

Shortly after birth, it will be followed by cutting of umbilical cord by the doctor. The clamped umbilical cord is then cleaned, sterilized and covered by a piece of medical gauze. After about a week, the remaining umbilical stump dries and then falls off, leaving a scar that we call belly button. The baby will then start drinking milk and getting rid of waste on his or her own.

Your belly button marks the spot where your umbilical cord was once attached to your mother. The shape of the belly button is unique to everyone. Protect it! Don't pick it! And always keep it clean!



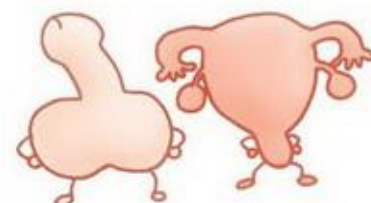
### Quiz :

#### 1. What is an umbilical cord?

- A. A lengthy tube that connects the fetus and the mother before the baby is born
- B. A toy inside the mother's body before the baby is born
- C. A communicator inside the mother's body before the baby is born
- D. A shield inside the mother's body before the baby is born

#### 2. How long is an umbilical cord?

- A. 5 - 6 cm
- B. 15 - 16 cm
- C. 50 - 60 cm
- D. 80 - 90 cm



**3. What are the functions of an umbilical cord :**

1. It carries nutrients to the fetus
2. It carries blood to the fetus
3. It carries waste from baby back to mother

A. 1, 2;      B. 1, 3;      C. 2, 3;      D. 1, 2, 3

**4. When should the umbilical cord be cut?**

- A. When the fetus is 40 weeks inside the mother's body
- B. When the baby is just born
- C. When the baby is one-month old
- D. When the baby is one-year old



**5. Who takes the role to cut the umbilical cord in general?**

- A. The baby itself
- B. Mother
- C. Medical professional
- D. No need to be cut, it will be fallen off soon.

**6. Which of the following statements are true?**

1. Do not put things inside your belly button
2. Do not pick your belly button with your fingers
3. Do not protect your belly button
4. Do not keep your bellybutton clean

A. 1, 2;      B. 3, 4;      C. 1, 3;      D. 2, 3, 4



**7. Which organ(s) replace the functions of an umbilical cord when the baby is born?**

- A. Nose      B. Mouth      C. Anal      D. All of the above

**8. What is the sequence of transmission of nutrients?**

- A. mother \ umbilical cord \ placenta \ fetus
- B. mother \ placenta \ umbilical cord \ fetus
- C. fetus \ umbilical cord \ placenta \ mother
- D. fetus \ placenta \ umbilical cord \ mother



Correct Answers :

1.A 2.C 3.B 4.B

5.C 6.A 7.D 8.B