

# Peritoneum

The peritoneum is the largest serous membrane in the body and lines the abdominal cavity. It consists of two layers:

**Parietal Peritoneum:** This layer lines the abdominal wall and is not directly attached to any organs. It provides support and protection to the abdominal cavity.

**Visceral Peritoneum:** This layer covers the abdominal organs, such as the stomach, liver, intestines, and others. It forms a protective covering around these organs.

The space between the parietal and visceral layers is known as the peritoneal cavity. This cavity normally contains a small amount of fluid, allowing the organs to move and slide against each other without friction.

The peritoneum serves several important functions in the body:

**Protection:** It provides a protective covering for the abdominal organs, shielding them from external trauma or infection.

**Support:** The peritoneum helps support and stabilize the abdominal organs, preventing them from shifting excessively.

**Facilitation of Movement:** The serous fluid in the peritoneal cavity allows the abdominal organs to move and glide smoothly during various bodily activities, such as digestion.

**Immunological Defense:** The peritoneum plays a role in the body's immune response by helping to prevent the spread of infections or inflammation within the abdominal cavity.

**Nutrient and Waste Transport:** Blood vessels within the peritoneum contribute to the transport of nutrients to and waste products from the abdominal organs.

In medical procedures, the peritoneum is sometimes accessed for diagnostic or therapeutic purposes. For instance, laparoscopic surgery involves making small incisions in the abdominal wall to introduce a camera and surgical instruments into the peritoneal cavity, allowing surgeons to visualize and operate on abdominal organs.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=peritoneum>

Last update: **2024/06/07 02:53**

