Section with the phrenic nerve is covered by a perichondrium which is continuous with the epicardium. The phrenic nerve passes through a window in the diaphragm, which is formed by the fusion of the left and right pleurae. This window is known as the "window of the diaphragm." The diaphragm is pierced by the phrenic nerve, which supplies the diaphragm muscle. The phrenic nerve is a branch of the brachial plexus and is distributed to the diaphragm muscle, which is an important muscles of respiration.

The phrenic nerve is also innervated by the sympathetic nervous system, which controls the function of the diaphragm. The diaphragm is a thin, dome-shaped muscle that separates the thoracic cavity from the abdominal cavity. It is involved in both inspiration and expiration, and plays a crucial role in respiration.