

# Pressure

(symbol:  $p$  or  $P$ ) is the ratio of force to the area over which that force is distributed.

Pressure is force per unit area applied in a direction perpendicular to the surface of an object. Gauge pressure (also spelled gage pressure) is the pressure relative to the local atmospheric or ambient pressure. Pressure is measured in any unit of force divided by any unit of area. The SI unit of pressure is the newton per square meter, which is called the pascal (Pa) after the seventeenth-century philosopher and scientist Blaise Pascal.

see [Intra-Aneurysmal Pressure](#)

see [Jugular venous pressure](#)

see [Intracranial pressure](#)

see [Mean arterial pressure](#)

see [Negative pressure](#)

see [Plateau pressure](#)

From:

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

Permanent link:

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

Last update: **2025/02/25 08:03**

