

Wave

A wave is an oscillation accompanied by a transfer of energy that travels through space or mass. Frequency refers to the addition of time. Wave motion transfers energy from one point to another, which may or may not displace particles of the transmission medium—that is, with little or no associated mass transport. Waves consist, instead, of oscillations or vibrations (of a physical quantity), around almost fixed locations.

Waves: Gamma, Beta, Alpha, [Theta wave](#), [Delta wave](#)

see [Beta wave](#)

see [F wave](#)

see [Gamma wave](#)

[Pulse wave](#)

Repetitive transient [intracranial pressure waveform](#) elevations up to 50 mmHg (ICP [B-waves](#)) are often used to define pathological conditions and determine indications for ICP-reducing treatment ¹⁾

¹⁾
Riedel CS, Martinez-Tejada I, Andresen M, Wilhjelm JE, Jennum P, Juhler M. Transient intracranial pressure elevations (B waves) are associated with sleep apnea. Fluids Barriers CNS. 2023 Oct 2;20(1):69. doi: 10.1186/s12987-023-00469-6. PMID: 37784168.

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