

## □ Vacuum

In neurosurgery, a **vacuum** refers to a controlled negative pressure environment applied to [drainage systems](#). It enables passive, continuous evacuation of fluid—such as blood from a chronic subdural hematoma—through a catheter connected to a sealed collection device.

Vacuum-based systems (e.g., SEPS) use low-level suction to promote safe decompression of the subdural space, minimize reaccumulation, and avoid the risks associated with manual aspiration or high-pressure systems.

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