

# Intraventricular thrombolysis

Intraventricular - thrombolysis is a medical procedure that involves the administration of a [thrombolytic agent](#) directly into the ventricles of the brain. Thrombolysis refers to the breakdown or dissolution of blood clots. This procedure is typically used to treat conditions where there is a clot (thrombus) obstructing the flow of cerebrospinal fluid within the ventricular system of the brain.

The most common indication for intraventricular thrombolysis is the presence of intraventricular hemorrhage (IVH) associated with certain types of strokes, particularly intracerebral hemorrhage (ICH). Intraventricular hemorrhage occurs when bleeding occurs within the ventricles of the brain.

The procedure involves the insertion of a catheter or a specialized device into the ventricles. Through this catheter, a thrombolytic drug, such as tissue plasminogen activator (tPA), can be delivered directly to the site of the clot. The aim is to dissolve the clot, improve the circulation of cerebrospinal fluid, and potentially reduce the severity of the hemorrhage.

It's important to note that the decision to use intraventricular thrombolysis is complex and depends on various factors, including the patient's overall health, the severity and location of the clot, and the specific circumstances of the medical condition. The procedure carries certain risks, and its use is determined on a case-by-case basis by a neurologist or neurosurgeon.

As with any medical intervention, the benefits and risks of intraventricular thrombolysis should be carefully considered, and the procedure should be performed by qualified healthcare professionals in a controlled clinical setting. If you have specific questions or concerns about this procedure, it is recommended to consult with a healthcare provider for personalized information based on your individual health situation.

see [Intraventricular tissue plasminogen activator](#)

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Last update: **2024/06/07 03:00**

