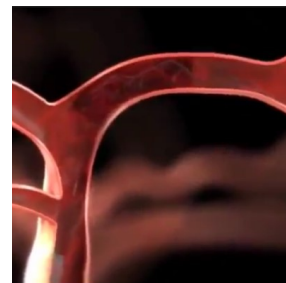
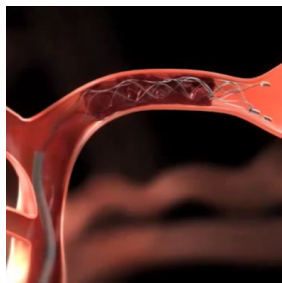
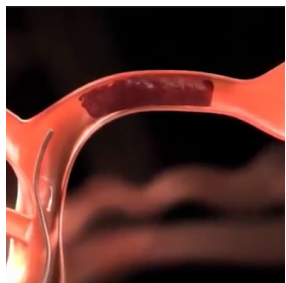


Mechanical Thrombectomy for Stroke: A Patient Guide

When a stroke occurs, quick decisions and timely treatment may improve recovery.

TIMELY TREATMENT = LESS BRAIN DAMAGE

There is an advanced treatment called mechanical thrombectomy in which trained doctors try and remove a large blood clot in your brain.



To remove the clot, doctors use real-time x-ray-guided imaging to thread a catheter device through the accessed artery up to the blockage in the brain.

The catheter device, called a stent retriever, attaches to the clot.

The stent retriever is then removed with the clot attached. Special suction tubes may also be used to help remove the clot.

In patients who are eligible, the procedure must be done as soon as possible.

KEY BENEFITS	MAIN RISKS
<ul style="list-style-type: none">• Increased likelihood to return to independence• Improved recovery• High success rates in removing large clots	<ul style="list-style-type: none">• Bleeding at the procedure site and/or the brain (~2%)• Tearing of the blood vessel

Note: Individual patient risks and benefits vary

Jadhav, A. P., Molyneaux, B. J., Hill, M. D., & Jovin, T. G. (2018). Care of the post-thrombectomy patient. *Stroke*, 49(11), 2801–2807. <https://doi.org/10.1161/strokeaha.118.021640>

ASPECT Score in Acute Stroke. University of Calgary. (2023). [Home \(aspectsinstroke.com\)](https://www.aspectsinstroke.com)

