

## **Advanced peripheral mechanical thrombectomy technology to enter Japan**

23 September 2022 | News

### **First and only computer-aided mechanical aspiration technology that can differentiate between clot and blood**

US-based Penumbra, Inc., a global healthcare company focused on innovative therapies, and Asahi Intecc Co., a leading Japanese medical device manufacturer, have announced that they will collaborate to introduce Penumbra's Indigo Aspiration System into the Japanese market upon regulatory approval.

Penumbra's Indigo Aspiration System can be used to remove emboli and thrombi from vessels of the peripheral arterial and venous systems, and for treatment of pulmonary embolism.

A minimally-invasive device, Indigo enables the restoration of blood flow in such cases as acute limb ischemia and venous thrombus. Penumbra's newest generation offering combines hypotube-based Indigo Aspiration Catheters with Lightning Intelligent Aspiration, a unique computer-aided clot detection technology that can differentiate between clot and blood, designed to reduce blood loss and the need for clot-dissolving drugs, which may lower the risk of bleeding complications.

Penumbra's neurovascular thrombectomy and neurovascular and peripheral embolization devices will continue to be distributed by its long-time trusted partner, Medico's Hirata. This includes the latest RED reperfusion catheters, which are designed with optimized trackability and aspiration efficiency to help navigate the complex anatomy of the brain and deliver efficient aspiration for the removal of blood clots in a broad range of stroke patients.