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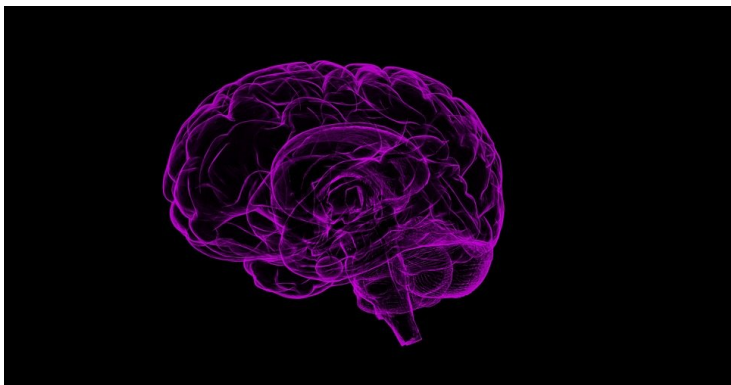
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Aster CMI doctors treat brain aneurysm with a unique method

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A 55-year-old patient gets a new life with an endovascular procedure



The doctors at Aster CMI Hospital successfully treated a 55-year-old patient suffering from the severe problem of a brain aneurysm and SubArachnoid Hemorrhage (SAH), also known as Brain Hemorrhage recently. In a demonstration of path-

breaking technology and commitment to save lives, the doctors at the hospital showcased how the latest treatment methods in neurosurgery can play an effective role in brain hemorrhage treatment.

Mr. Sharma (name changed) was leading a completely normal life unaware of the fact that he was suffering from an aneurysm in one of the major blood vessels of the brain. He was suffering from severe headaches commonly described as “the worst headache of your life” and came to doctor with an altered sensorium. His family had taken him to various neurosurgeons across the city for treatment, but there was no solution. After imaging was conducted on him, he was diagnosed with SAH and was referred later to Aster CMI Hospital for treatment.

The Brain Angiogram (DSA) showed Blister Aneurysm in one of the major brain blood vessel (ICA), which is difficult to treat with open brain surgery. After a detailed case evaluation, the patient was treated by endovascular procedure by placing a Pipeline Flex Flow Diversion device in the diseased area.

“This is essentially a flow diversion device to treat complex giant aneurysms or blister aneurysms (in this case) that cannot be treated with surgical clipping. A flow diverter seals the affected vessel, allowing the aneurysm to heal and reducing the risk of rupture,” Dr. Santhosh N U, Consultant, Neurosurgery & Endovascular Neurosurgery, Aster CMI Hospital explained.

A brain aneurysm is a tiny bubble or bulge off the side of an artery on the brain's surface. Over a period, due to high blood pressure, use of cigarettes or due to genetic predisposition, it weakens the arterial wall of an aneurysm that can become so thin that it bursts, spilling blood over the brain's surface. Subarachnoid Hemorrhage (SAH) commonly called Brain Hemorrhage is the most feared outcome of a brain aneurysm and is what drives the urgency in treating many brain aneurysms, even if found accidentally. Such cases are very serious because there is a high chance of another hemorrhage, which can prove to be fatal. The common symptoms of brain hemorrhage can include sudden and severe headache, problems with vision, loss of balance or coordination, sudden tingling, weakness, numbness or paralysis of the face, arm, or leg. After the procedure was conducted, Mr. Sharma exhibited normalcy.

Aster CMI Hospital has a dedicated Centre of Excellence (CoE) for Neurosciences which offers state-of-the-art treatment facilities to a gross spectrum of patients – right from infants to senior citizens. The Department combines expertise in neurology and neurosurgery. The hospital has a multi-disciplinary team of doctors and offers services with a modern approach involving imaging equipment and the latest technological developments to offer the best clinical services. Aster CMI's neurosciences department is among the first to have a team on call 24/7, to handle all kinds of neurological emergencies, stroke, and trauma.