

Hi-tech treatment for brain and spine problems

Road accidents account for most cases of head and spinal cord injuries. This leads to major disability and death in severe cases. Koval Medical Center and Hospital (KMCH) is a pioneer institution in treating severe head and spinal injuries in Tamil Nadu. The department of Neurosurgery specialised in treating patients with brain tumours, bleeding into the brain and all forms of spinal problems including disc diseases for more than 20 years. Being a center for Polytrauma, this Neurosurgery department receives at least 5 to 6 patients per night from road accidents with severe head injuries.

"A lot of fatal accidents are caused primarily due to rash driving and lack of adherence to safety measures. Victim needs to reach the hospital as early as possible," stresses Dr Suresh Jayabalan, consultant brain-spine and Neurovascular surgeon at KMCH.

Another common cause for bleeding into the brain is an aneurysm formation. Aneurysm is a balloon-like projection from the weak portion of the blood vessel which ruptures to cause catastrophic bleeding into the brain. These patients needs



Dr Suresh Jayabalan

urgent surgical treatment to prevent further bleeding and needs intensive care treatment. This specialised microsurgical clipping of the aneurysm and coiling is available only at this hospital in this region.

"We have state-of-the-art operation theatre with modern equipment to help in achieving the cure rate on par with western countries," Dr Suresh Jayabalan proudly says. Longstanding headache,

nausea, vomiting, difficulty in walking or performing routine work, low backache, neck and arm pain may be the manifestation of the brain or spinal cord tumours or spinal disc diseases. "Patients who became unconscious due to head injury or tumour, stroke or fits needs help of the by standers for the first aid. The key is to clear the airway, through nose and mouth, shift the patient with spine care and reach the hospital within the first hour," Dr Jayabalan explains.

"Leading a healthy life style, avoiding smoking and adhering to road safety norms help in preventing major neurosurgical problems," Dr Jayabalan reasons.

*Dr Suresh Jayabalan
MBBS, MCh (Neurosurgery), FNS
(Japan), MRCS Ed, FRCS Ed
(Neurosurgery),
Fellowship in Neurovascular Surgery
(Manchester, UK)
Consultant Brain, Spine and
Neurovascular Surgeon
Koval Medical Center and Hospital
PB no 3209, Avinashi Road,
Coimbatore - 641014.
Phone: 91-422-4323159
Mobile: 9159039998
email: neurosureshkmch@gmail.com*