

Mumbai doctors give Jalgaon woman with rare heart defect second chance at life



Mumbai doctors have successfully treated a 34-year-old woman, Seema Ravikanth Patil, for a rare and complex heart condition known as Sinus of Valsalva Aneurysm (SOVA). The patient, diagnosed with multiple congenital aneurysms, underwent a meticulously planned surgical procedure that has given her a new lease on life.

It was done by the team of experts at Lilavati Hospital and Research Centre was led by Dr Pavan Kumar, a renowned cardiovascular surgeon, along with cardiologist Dr Nitin Gokhale and cardiac anaesthesiologist Dr Namrata Kothari.

Sinus of Valsalva Aneurysm (SOVA) is an exceptionally rare condition, characterised by the abnormal expansion of the aortic root due to weak elastic tissue. Aneurysms of the Sinus of Valsalva are observed in approximately 0.09 per cent of the general population and are often associated with congenital heart defects. They predominantly arise from the right coronary sinus (70 per cent of cases), followed by the non-coronary sinus (25 per cent), with occurrences from the left coronary sinus being extremely rare. While individual SOVAs are uncommon, multiple aneurysms are even rarer, with only 18 reported cases globally, six of which have occurred in India. Patil's congenital condition posed significant risks, including the potential for rupture, which can be life-threatening without early intervention.