

**Dr L H Hiranandani Hospital, Mumbai becomes the first hospital in India to commercially use new Bio Absorbable Scaffolding (BVS).**

Dr L H Hiranandani Hospital, Mumbai becomes the first hospital in India to commercially use new Bio Absorbable Scaffolding (BVS) after its country wide commercial launch by Abbott Vascular, a temporary implant (non metal stent), which dissolves completely in the blood vessels after 18 to 24months.

Dr Ganesh Kumar, Chief Interventional Cardiologist used the device for the first time in India after its commercial launch today in the cathlab at 6.45 am. Patient was a 45years young man, with a single critical block of 99% in his LAD vessel and a 3x18mm BVS was deployed.

The procedure went of smooth and the entire procedure lasted for 25 minutes and patient was wheeled out by 7.10 am.

- Bio absorbable scaffolding is a small mesh tube whose job is to open blocked heart vessels and restore blood flow to the heart.
- It is called as scaffold because it is temporary unlike the stent which is a permanent metal implant.
- After 18 months, it dissolves and the blood vessel has more natural function and movement without a presence of a permanent metallic stent.
- The scaffold gives out everolimus, a medicine that inhibits the growth of cells.
- It is made of polyactide, a polymer that is derieved from corn starch. Polyactide is commonly used in medical implants, such as dissolving sutures.