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CEO

Company: **Lydus Medical**

VISION

To enable surgeons to automate their techniques by providing them plug and play tools for easier and faster procedures and consistent outcomes.

THE NEED

Anastomosis is surgical coupling of separate tubular organs.

Anastomosis of small organs such as blood vessels, bile duct and nerves, are the most technically challenging and time consuming step in reconstructive surgery, hand surgery, coronary artery bypass, AV fistula and organ transplantation.

The gold standard for micro organ anastomosis creation is manual sewing which requires special expertise, its learning curve is very slow and long, Clinical risks such thrombosis and leaks may be involved and its success depends solely on the surgeon's performance. The procedures are done under expensive magnifying microscope which are not always available in the operating rooms.

SOLUTION

Lydus Medical develops the Vessel Trap - A System which delivers proprietary needles and sutures to optimal positions.