

Healthium launches India's 1st knotless tissue closure device

24 November 2020 | News

Healthium Medtech continues on its innovative streak with its 5th innovation in a year

Bengaluru based Healthium Medtech, one of the largest medical device companies in India, has announced the launch of its latest innovation Trubarb – a knotless tissue closure device designed to redefine the suturing experience for surgeons.

The device comes with barbs and an effective triangular end stopper that eliminates the need for knotting when compared to a regular suture and eliminates the difficulties of looping when compared to other knotless sutures. It has been designed to shorten suturing time, decrease morbidity and ischemic necrosis that arise due to knotting and simplify the overall suturing experience for surgeons.

Sutures are amongst the most used products during surgeries, however, the only significant advances on sutures have been sterilization in 1870ies and synthetic absorbable sutures in 1960ies. By eliminating the need for knotting which is considered a necessary evil in suturing as it reduces the tensile strength of the suture by thinning it, creating a weak spot and building uneven tension across the wound, and by eliminating the unmet needs of wound dehiscence, knot slippage, ischemic necrosis due to knotting and increase in blood loss and morbidity especially in Laparoscopic surgeries, Trubarb is looking to redefine the wound closure experience for surgeons.

The device has multiple applications and can be used for procedures such as gynaecological, general surgery procedures, urology, oncology and plastic & cosmetic surgeries.