

## POST-ESD WOUND CLOSURE WITH A NEW ENDOSCOPIC HAND SUTURING DEVICE: A FEASIBILITY STUDY

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Poster

Oesophagus

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**A retrospective two-center Italian study of 10 high-risk patients found that endoscopic hand-suturing with the SuturoArt device achieved successful ESD-wound closure in 90% of cases but significantly increased procedure time.**

### KEY POINTS

- Between June 2023 and August 2024, 10 patients at high-risk for delayed bleeding after gastric or colorectal ESD underwent wound closure using the SuturoArt device with V-LOC 180 sutures performed by two expert endoscopists
- Successful wound closure was achieved in 90% of cases with mean lesion size 34mm and mean suturing time 42 minutes
- Suturing significantly increased total procedure time from 86 to 120 minutes ( $p < 0.001$ )
- One case failed due to suture breakage resulting in needle entrapment within the mesorectum that could not be retrieved; no other adverse events were reported
- The authors conclude that extended training may be required and further studies are needed to assess real-life applicability and cost-effectiveness of this technique

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