

DUODENAL MUCOSAL RESURFACING PROCEDURE TRAINING AND IMPLEMENTATION

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Poster

Oesophagus

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A competency-based training program for duodenal mucosal resurfacing (DMR), an investigational endoscopic treatment for type 2 diabetes, has been implemented across six centres with 100% procedural success and no serious adverse events in early trial experience.

KEY POINTS

- The DMR training program consists of three core elements: structured didactic overview, hands-on practice with a validated simulator, and supervised live-patient cases, all completable in approximately three hours within two weeks.
- In the ongoing Revitalize 1 pivotal trial, nine open-label patients with uncontrolled type 2 diabetes (median HbA1c 8.5%, diabetes duration 13 years) were treated with 100% procedural success across six EU and US centres.
- Adverse events were mild (sore throat, abdominal bloating, abdominal pain) and resolved without sequelae; no device- or procedure-related serious adverse events or long-term adverse events have been observed to date.
- DMR is an investigational endoscopic procedure that hydrothermally ablates duodenal mucosa to restore metabolic function; it has CE mark, reimbursement in select German centres, and has been evaluated in over 300 patients with favorable safety and metabolic benefits.

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