



implican

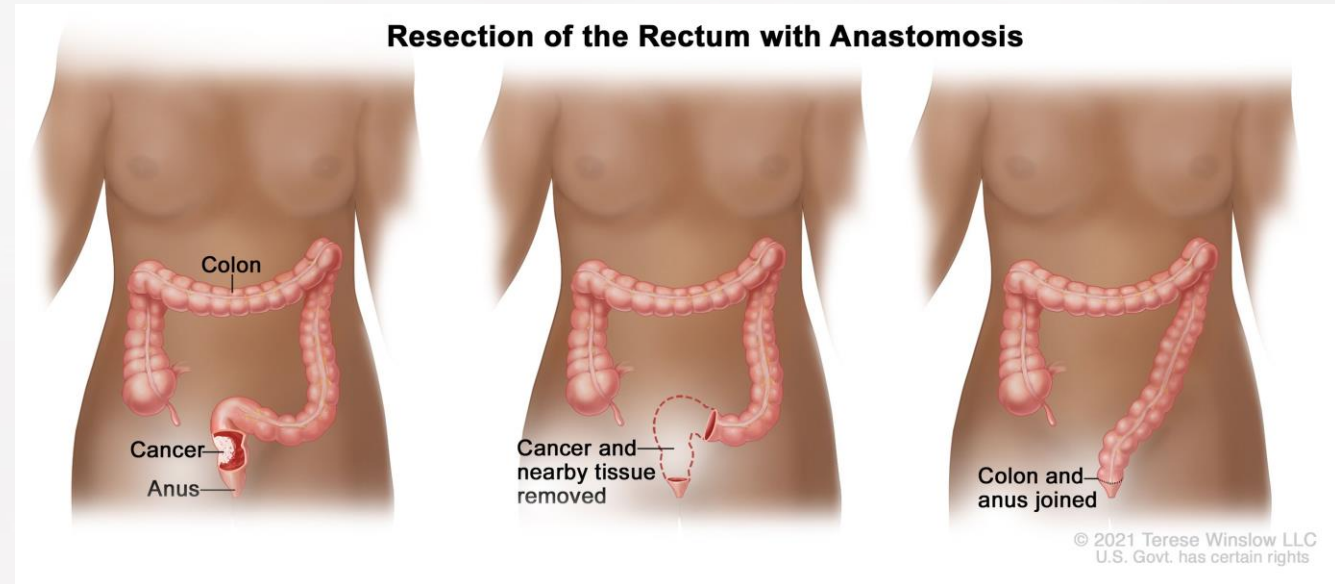
Ivo Kooijman / Klaas Havenga



It is our mission to reduce the risk on Anastomotic Leakage in Colorectal Surgery
We offer a medical device that will replace existing devices

Colorectal anastomosis leading to leakage

- Estimated annual cases:
 - 500.000 in North America & EU
 - Circular staplers
- Anastomotic leakage **10-20%**
 - 100.000 leakages western world
 - High price for
 - Patients
 - Health care providers
 - Hospitals
 - Environment



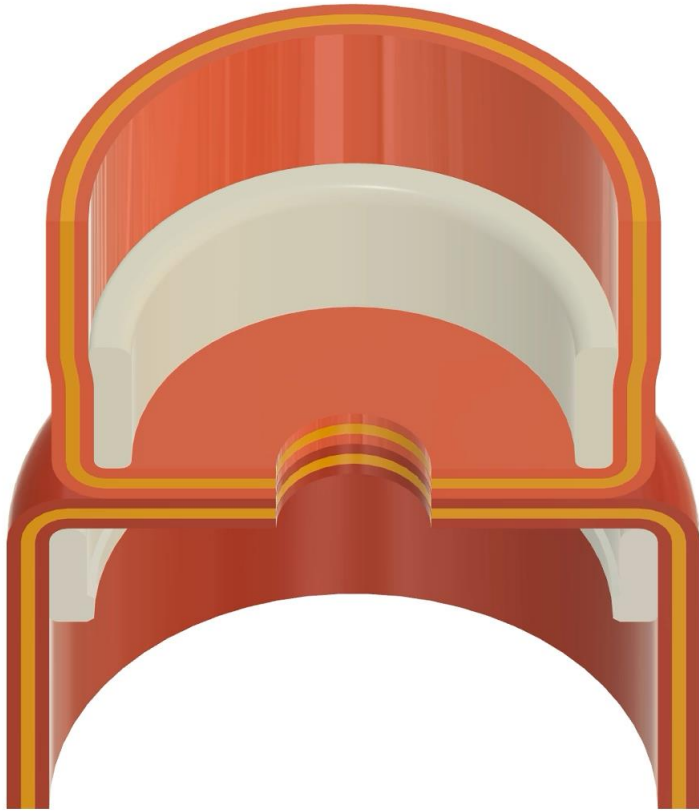
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The Implican solution: two rings and a reusable applicator



1. click rings
2. cut
3. remove tool
4. rings expel within 10 days

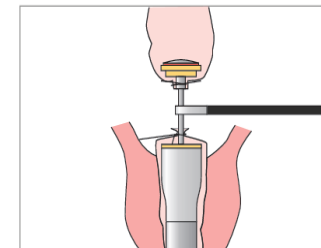
Approximation of bowel layers
Clean wound environment +
 Primary wound healing

Patented mechanism of action: Bowel layers approximation

granted in US, South Korea, Japan, pending in EU, Canada, India



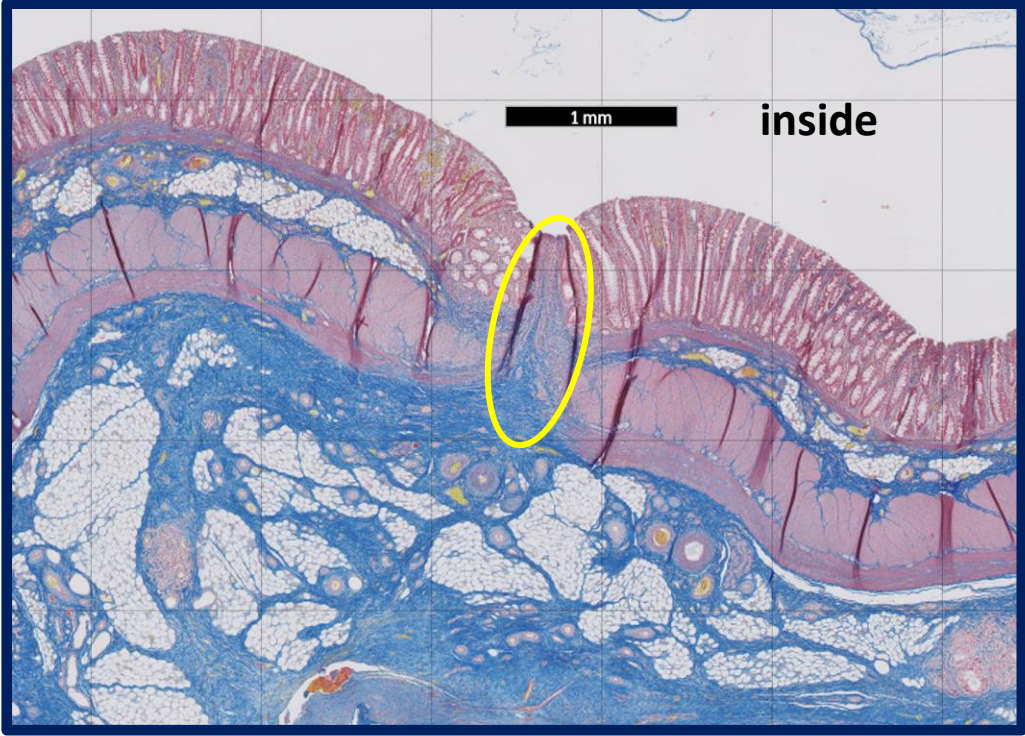
9: Attach anvil to extended trocar



12: Attach anvil to extended trocar

Workflow for surgeon
 is identical
 to current staplers

Preclinical results



← mucosa
← submucosa
← muscularis

Hypothesis

approximate layers




Preclinical proof

minimal scar (10x smaller)

Impact

no leakage & complications
in colorectal surgery

USP and the competition of surgical staplers

	 a Johnson & Johnson company		 implican
Method of action	staples	staples	rings
Primary wound healing	✗	✗	✓
Leakage	10 - 20 %	10 - 20 %	2 %
Disposable critical parts	✓	✓	✓
Re-usable main body	✗	✗	✓
Surgical procedure	reference	reference	similar to the reference

Competitive advantages :

Minimized leakage - Sustainable green design

Who pays:

Following existing reimbursement systems

Cost savings:

Unplanned staffing - reoperations within 30 days – ICU capacity



An experienced team

Ivo Kooijman

23 years of manufacturing for Medical device industry

MSc Chemical Engineering, Msc Operational Excellence

CEO cofounder



Rely on it.



Klaas Havenga

23 years of academic colorectal surgery

Surgeon PhD

CMO cofounder



Nuria Lozano Bayon

11 years of medical device development

MSc Chemical Engineering

Product Development Manager



Bram Oosterbroek

5 years of mechanical assembly

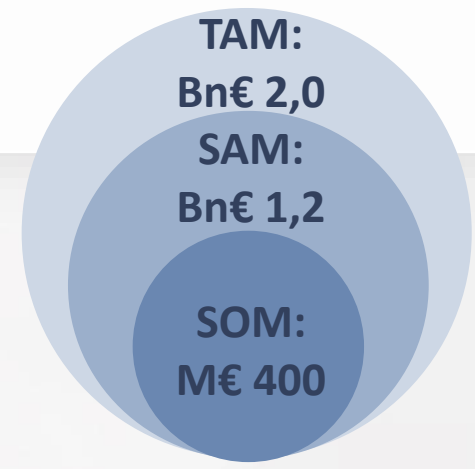
MSc Biomedical Engineering, BSc Mechanical Engineering

Design Engineer





The projected SERIES A



Available financing

SERIES A 7,0 M€

SERIES B

1 M€ + 0,9 M€ grants



Premarketing & conferences

Beta development & product build

Manufacturing, market preparation & training

Sales & Distribution

Alpha development and Pre-clinical

Alpha 1st in human

Beta Pre-Clinical (in vivo)

Phase 2 Clin.Trial (n=150)

FDA 510k

CE

2024

2025

2026

2027

2028

2029

Join us in our mission to reduce leakage and improve colorectal surgery!