

hygh-tec combines intelligent shapes with the elastic material properties of polyurethane.



#rethinking critical care

hygh-tec enables reliable, sealed access to the patient's colon.

By adjusting the respective stool modification, stool can be drained in a leak-free manner for extended, user determined periods of time.

Continuous drainage of stool can become an important therapeutic contribution within the scope of the overarching treatment problem, such as for example the treatment of skin break-down around to the anus, the treatment of minimal handling patients and the regulation of bowel function.



Frank Gehres (CEO)

Dr. Werner Dauth (Commercial Director)

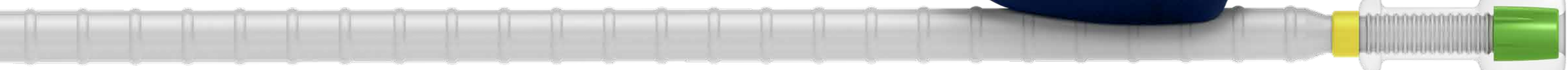
Designed and made in Germany

The amb team would be happy to answer any questions you may have.

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#rethinking critical care The catheter innovation for maximum seal



hygh-tec is a brand of **amb** advanced medical balloons

hygh-tec
balloon technology for critical care

hyghtec.com

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balloon technology for critical care

Sealed stool drainage is a matter of technology!

Unique and innovative

Polyurethane-based design for maximum catheter performance

Colonic Management

From interventional Access to application up to 30 days

Made in Germany

High delivery reliability and committed, personal support

Practical reviews:

»The only drainage that works.«

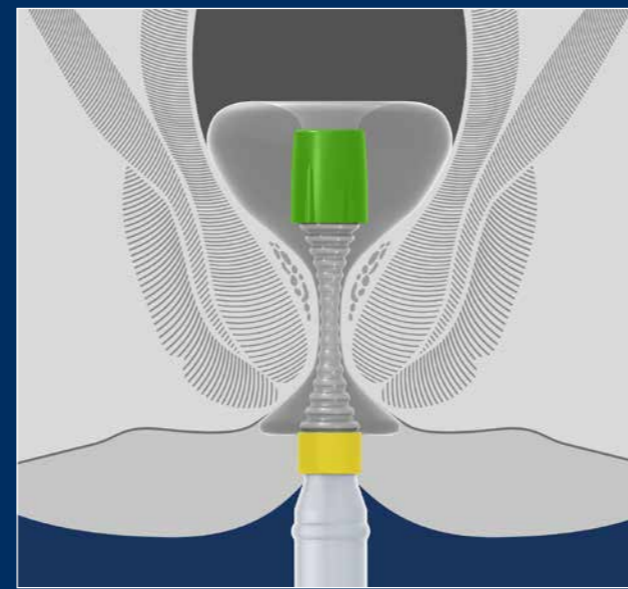
Sandy Richter, Ward Manager, Intensive care ward for severe burns victims, Munich, Bogenhausen Clinic

»In the mobilization phase, conscious patients tell us it's comfortable to wear.«

Jürgen Noé, ITS Management, Pneumological Intensive Care Ward, Saarland University Hospital, Homburg

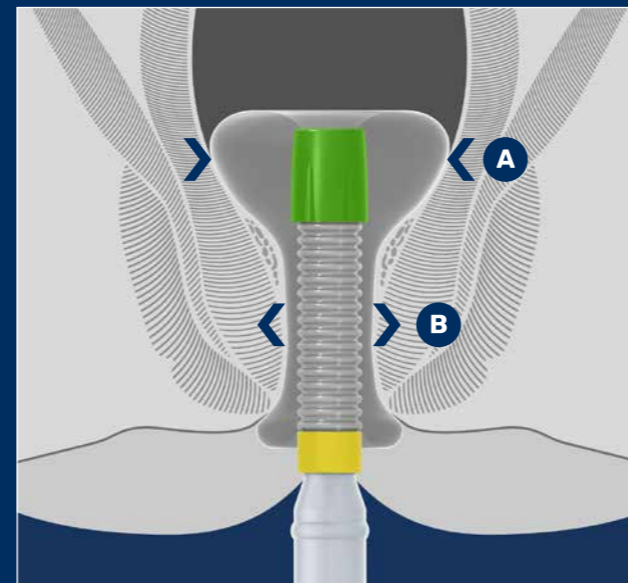
»We have a system where the stool doesn't leak for the first time.«

Wolfram Popp, Ward Management, Intensive Care Ward 123 with Burns Victim Centre, Trade Association Trauma Clinic, Murnau



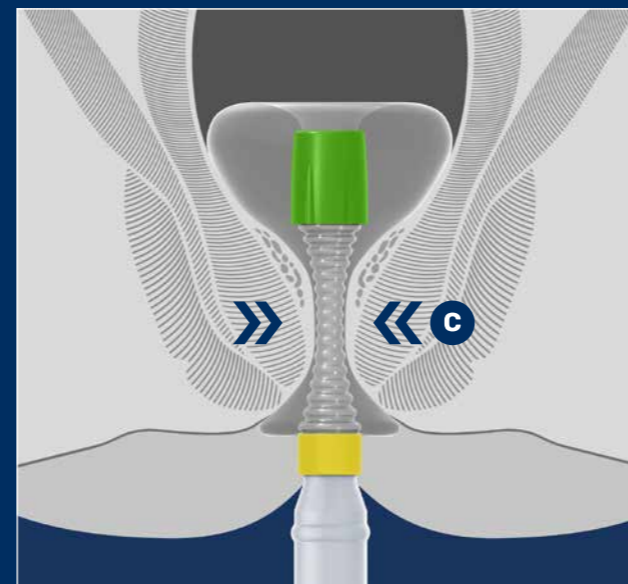
Novel trans-anal sealing principle

- rectal and anal sealing drainage head
- dumbbell-shaped, micro-thin sealing balloon
- extends through the anal canal
- flaccid filling of the sealing balloon with air
- nestles without tension against the mucous membranes of the rectum and the anus without tension
- follows the dynamics of the sphincter and the patient's movements



Intelligent synchronization with the sphincter muscle

- absorbs the force prevailing in the rectum **A** and uses them intelligently for the synchronous closure of the sphincter muscle **B**
- the sealing pressure adapts to the pressure situation in the patient's abdomen dynamically
- reliable transanal sealing even with watery thin stool
- enables continuous stool drainage even during mobilization of the patient



Elastic deformable shaft hose

- follows the respective position **C** of the sphincter
- folds in radially with normal sphincter tone
- aligns spontaneously in the anal canal when the tone releases and the sphincter opens
- supports the free, unimpeded flow of stool

Create your own evidence!

See the advantages and varied treatment options of the hygh-tec stool drainage for yourself. Your contact on site will be happy to show you how to use it.

hygh-tec®

balloon technology for critical care

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Scan the QR code and get in touch.

