m-protect®3
One for all

Insertion aid for transanally inserted circular staplers

Rounded stapler head
Dilatation of the sphincter by the stapler

m-protect®3
as a bougier instrument

- Reduction of the risk of sphincter lesions
- Easily supplements existing circular staplers
- Three sizes – suitable for all staplers

The solution for risks associated with staplers
Continence-retaining resection by anastomosis using a transanally inserted circular stapler poses the following risks of injury:

- Sphincter lesion
- Rupture of the inner sphincter

During insertion of the stapler, the sharp edge collides with the mucosa folds:
- risk of penetration

The consequences

- Up to 36% of all patients suffer temporary anal incontinence (compare Studies 1, 2, 3, 4, 5, 6)*
- Anal incontinence for liquid faeces (‘soiling’)
- 18% of patients suffer sphincter injuries (endosonographically diagnosed)

Manufactured by

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Studies

(1) Farouk, R; Duthie GS; Lee PW; Monson JR: Endo-sonographic evidence of injury to the internal anal sphincter after low anterior resection: long-term follow-up. (Dis Colon Rectum 1998 Jul; 41 (7):888-91)

(2) Ho YH; Tsang C; Tang CL; Nyam D; Eu KW; Seow-Choen F: Anal sphincter injuries from stapling instruments introduced transanally: randomized, controlled study with endoanal ultrasound an anorectal manometry. (Dis Colon Rectum 2000 Feb; 43 (2):169-73)


(4) Jiang JK; Lin JK: Does anastomotic method affect functional outcome of low anterior resection for rectal carcinoma? (Chung Hua I Hsueh Tsa Chih (Taipei) 1997 Nov; 60 (5):252-8)


(6) Pehl C; Birkner B; Bittmann W; Cluss B; Emmert H; Fuchs M; Passern J; Wendt B; Heitland W: Stuhl-inkontinenz (Dt. Arzteblatt 2000; 97: xa1-1302-1308 (Heft 19))