Duodenojejunal Bypass Liner bei Adipositas mit/ohne Diabetes Mellitus Typ 2 [Duodeno-jejunale bypass liner (DJBL) for patients with obesity, with/without type 2 diabetes mellitus]

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Citation

Authors’ objectives
This systematic review evaluates the efficacy and safety of the duodenal-jejunal bypass liner (DJBL) for the treatment of a) patients with obesity ≥ grade II with or ≥ grade III without comorbidities and b) patients with Type 2 diabetes mellitus + obesity ≥ grade I. The DJBL is a minimal-invasive method to reduce body weight and to control Type 2 diabetes mellitus (Type 2 DM). The device is a 60 cm long synthetic sleeve, which is endoscopically delivered into the duodenum and a small part of the jejunum.

Authors’ conclusions
The analysed studies suggest a short-term reduction of body weight in obese patients. Overall, the available evidence is insufficient to assess the efficacy and safety of the intervention for the treatment of patients with obesity (+ comorbidities) or Type 2 diabetes mellitus + obesity. Currently, inclusion into the hospital benefit catalogue is not recommended. We propose re-evaluation in 2016 when results from studies that assess the commercialised version of the DJBL will be available.

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