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| Prekės pavadinimas kataloge | Prekės pavadinimas, gamintojas, prekės kodas ar modelis | |
| *Esophageal stents* | *Niti-S Double, Double ( Anti-reflux) stentai,Taewoong, kodų serija EAxxxxFD;* *EspxxxxFD; EspxxxxFDR2; EsxxxxFD; EsxxxxFDR2* | |
| Mokslinės publikacijos duomenys | Mokslinė publikacija Nr. 1 | Mokslinė publikacija Nr. 2 |
| Medžiaga ir šaltiniai (ISI indeksą turintis mokslinis leidinys.  Nurodyti ISI indeksą tų metų, kuriais buvo išleista teikiama publikacija.  ISI indeksą sudaro Thomson Reuters (pasitikrinti pvz.: http://jcr.incites.thomsonreuters.com) | WORLD JOURNAL OF GASTROENTEROLOGY 2016  World J Gastroenterol. 2016 Sep 14;22(34):7841-50 Double-layered covered stent for the treatment of malignant oesophageal obstructions: Systematic review and meta-analysis. | SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES 2015  Surg Endosc. 2015 Jul;29(7):2013-8. Double-type metallic stents efficacy for the management of post-operative fistulas, leakages, and perforations of the upper gastrointestinal tract. |
| Mokslinės publikacijos autorius/-iai | Hussain Z1, Diamantopoulos A1, Krokidis M1, Katsanos K1 | Gonzalez JM1, Garces Duran R, Vanbiervliet G, Lestelle V, Gomercic C, Gasmi M, Desjeux A, Grimaud JC, Barthet M. |
| Mokslinio leidinio ISI indeksas | ISI 3.365 | ISI 3.540 |
| Tyrimo populiacija | 250 | 36 |
| Tyrimo rezultatai | Six clinical studies comprising 250 patients in total were identified. Pooled technical success of stent insertion was 97.2% (95%CI: 94.8%-98.9%; I (2) = 5.8%). Pooled complication rate was 27.6% (95%CI: 20.7%-35.2%; I (2) = 41.9%). Weighted improvement of dysphagia on a scale of 0-5 scoring system was -2.00 [95%CI: -2.29%-(-1.72%); I (2) = 87%]. Distal stent migration was documented in 10 out of the 250 cases examined. Pooled stent migration rate was 4.7% (95%CI: 2.5%-7.7%; I (2) = 0%). Finally, tumour overgrowth was reported in 34 out of the 250 cases with pooled rate of tumour overgrowth of 11.2% (95%CI: 3.7%-22.1%; I (2) = 82.2%). No funnel plot asymmetry to suggest publication bias (bias = 0.39, P = 0.78). In the sensitivity analysis all results were largely similar between the fixed and random effects models. | Twenty-four patients had a post-operative fistula (15 sleeve gastrectomies), eight had an anastomotic leakage, and four had an esophageal perforation. Seventeen patients underwent a previous failed stenting, and fourteen had an associated treatment with OTSC clips. A final complete healing was achieved in twenty-six patients (72%). For patients with fistulas, the overall success rate was 66.6% (16/24) mostly in case of post sleeve fistula (80%), and it was 75% (6/8) for patients with anastomotic leakages (3/4). We reached a primary success (one session) in twenty-one cases (58.3%), and a second session was required in five cases. All the stents were removed without complications after a median stenting time of 32 [20-71] days. The spontaneous migration rate was 16.6%. |
| Tyrimo išvados | The double-layered nitinol stent provides immediate relief of malignant dysphagia with low rates of stent migration and tumour overgrowth. | This new double-type stent is a new and efficient way to treat post-operative fistulas and leakages in the upper GI tract. The stents were always removable despite the external uncovered part with a low migration rate. |