

March 22, 2021 Malignant Bowel Obstruction

Jen Granina, MD, and Sudeep Pandey, MD

Hospice and Palliative Medicine Fellows, Division of Hematology, Oncology, and Palliative Care

Further Reading

- Tradounsky G. **Palliation of gastrointestinal obstruction**. Can Fam Physician. 2012 Jun;58(6):648-52, e317-21. PMID: 22859627; PMCID: PMC3374686.
[Free full text link](#)
- Ripamonti CI, Easson AM, Gerdes H. **Management of malignant bowel obstruction**. Eur J Cancer. 2008 May;44(8):1105-15. doi: 10.1016/j.ejca.2008.02.028. Epub 2008 Mar 21. PMID: [18359221](#).
- Cousins SE, Tempest E, Feuer DJ. **Surgery for the resolution of symptoms in malignant bowel obstruction in advanced gynaecological and gastrointestinal cancer**. Cochrane Database Syst Rev. 2016 Jan 4;2016(1):CD002764. doi: 10.1002/14651858.CD002764.pub2. PMID: 26727399; PMCID: PMC7101053.
[Free full text link](#)
- Henry JC, Pouly S, Sullivan R, Sharif S, Klemanski D, Abdel-Misih S, Arradaza N, Jarjoura D, Schmidt C, Bloomston M. **A scoring system for the prognosis and treatment of malignant bowel obstruction**. Surgery. 2012 Oct;152(4):747-56; discussion 756-7. doi: 10.1016/j.surg.2012.07.009. Epub 2012 Aug 26. PMID: 22929404; PMCID: PMC3792226.
[Free full text link](#)
- Paul Olson TJ, Pinkerton C, Brasel KJ, Schwarze ML. **Palliative surgery for malignant bowel obstruction from carcinomatosis: a systematic review**. JAMA Surg. 2014 Apr;149(4):383-92. doi: 10.1001/jamasurg.2013.4059. PMID: 24477929; PMCID: PMC4030748.
[Free full text link](#)
- Lilley EJ, Cauley CE, Cooper Z. **Using a Palliative Care Framework for Seriously Ill Surgical Patients: The Example of Malignant Bowel Obstruction**. JAMA Surg. 2016 Aug 1;151(8):695-6. doi: [10.1001/jamasurg.2016.0057](#). PMID: 27096440.
- Krouse RS. **Malignant bowel obstruction**. J Surg Oncol. 2019 Jul;120(1):74-77. doi: [10.1002/jso.25451](#). Epub 2019 Mar 25. PMID: 30908650.
- Franke AJ, Iqbal A, Starr JS, Nair RM, George TJ Jr. **Management of Malignant Bowel Obstruction Associated With GI Cancers**. J Oncol Pract. 2017 Jul;13(7):426-434. doi: [10.1200/JOP.2017.022210](#). PMID: 28697317.
- Lilley EJ, Scott JW, Goldberg JE, Cauley CE, Temel JS, Epstein AS, Lipsitz SR, Smalls BL, Haider AH, Bader AM, Weissman JS, Cooper Z. **Survival, Healthcare Utilization, and End-of-life Care Among Older Adults With Malignancy-associated Bowel Obstruction: Comparative Study of Surgery, Venting Gastrostomy, or Medical Management**. Ann Surg. 2018 Apr;267(4):692-699. doi: 10.1097/SLA.0000000000002164. PMID: 28151799; PMCID: PMC7509894.
[Free full text link](#)
- Laval G, Marcelin-Benazech B, Guirimand F, Chauvenet L, Copel L, Durand A, Francois E, Gabolde M, Mariani P, Rebischung C, Servois V, Terrebonne E, Arvieux C; French Society for Palliative Care; French Society for Digestive Surgery; French Society for Gastroenterology; French Association for Supportive Care in Oncology; French Society for Digestive Cancer. **Recommendations for bowel obstruction with peritoneal carcinomatosis**. J Pain Symptom Manage. 2014 Jul;48(1):75-91. doi: 10.1016/j.jpainsymman.2013.08.022. Epub 2014 May 4. PMID: 24798105.
[Free full text link](#)
- Dittrich A, Schubert B, Kramer M, Lenz F, Kast K, Schuler U, Schuler MK. **Benefits and risks of a percutaneous endoscopic gastrostomy (PEG) for decompression in patients with malignant gastrointestinal obstruction**. Support Care Cancer. 2017 Sep;25(9):2849-2856. doi: [10.1007/s00520-017-3700-1](#). Epub 2017 Apr 22. PMID: [28434096](#).

- Bozzetti F, Arends J, Lundholm K, Micklewright A, Zurcher G, Muscaritoli M; ESPEN. **ESPEN Guidelines on Parenteral Nutrition: non-surgical oncology.** Clin Nutr. 2009 Aug;28(4):445-54. doi: 10.1016/j.clnu.2009.04.011. Epub 2009 May 23. PMID: 19477052.
[Free full text link](#)
- August DA, Huhmann MB; American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Board of Directors. **A.S.P.E.N. clinical guidelines: nutrition support therapy during adult anticancer treatment and in hematopoietic cell transplantation.** JPEN J Parenter Enteral Nutr. 2009 Sep-Oct;33(5):472-500. doi: [10.1177/0148607109341804](#). PMID: 19713551.
- Sowerbutts AM, Lal S, Sremanakova J, Clamp A, Todd C, Jayson GC, Teubner A, Raftery AM, Sutton EJ, Hardy L, Burden S. **Home parenteral nutrition for people with inoperable malignant bowel obstruction.** Cochrane Database Syst Rev. 2018 Aug 10;8(8):CD012812. doi: 10.1002/14651858.CD012812.pub2. PMID: 30095168; PMCID: PMC6513201.
[Free full text link](#)
- Santarpia L, Alfonsi L, Pasanisi F, De Caprio C, Scalfi L, Contaldo F. **Predictive factors of survival in patients with peritoneal carcinomatosis on home parenteral nutrition.** Nutrition. 2006 Apr;22(4):355-60. doi: [10.1016/j.nut.2005.06.011](#). Epub 2006 Jan 18. PMID: 16413750.
- Bozzetti F, Santarpia L, Pironi L, Thul P, Klek S, Gavazzi C, Tinivella M, Joly F, Jonkers C, Baxter J, Gramlich L, Chicharro L, Staun M, Van Gossum A, Lo Vullo S, Mariani L. **The prognosis of incurable cachectic cancer patients on home parenteral nutrition: a multi-centre observational study with prospective follow-up of 414 patients.** Ann Oncol. 2014 Feb;25(2):487-93. doi: 10.1093/annonc/mdt549. Epub 2014 Jan 9. PMID: 24406425.
[Free full text link](#)
- Naghibi M, Smith TR, Elia M. **A systematic review with meta-analysis of survival, quality of life and cost-effectiveness of home parenteral nutrition in patients with inoperable malignant bowel obstruction.** Clin Nutr. 2015 Oct;34(5):825-37. doi: [10.1016/j.clnu.2014.09.010](#). Epub 2014 Sep 27. PMID: 25288565.
- Lee YC, Jivraj N, O'Brien C, Chawla T, Shlomovitz E, Buchanan S, Lau J, Croke J, Allard JP, Dhar P, Laframboise S, Ferguson SE, Dhani N, Butler M, Ng P, Stuart-McEwan T, Savage P, Tinker L, Oza AM, Lheureux S. **Malignant Bowel Obstruction in Advanced Gynecologic Cancers: An Updated Review from a Multidisciplinary Perspective.** Obstet Gynecol Int. 2018 May 17;2018:1867238. doi: 10.1155/2018/1867238. PMID: 29887891; PMCID: PMC5985138.
[Free full text link](#)
- Vashi PG, Dahlk S, Popiel B, Lammersfeld CA, Ireton-Jones C, Gupta D. **A longitudinal study investigating quality of life and nutritional outcomes in advanced cancer patients receiving home parenteral nutrition.** BMC Cancer. 2014 Aug 15;14:593. doi: 10.1186/1471-2407-14-593. PMID: 25128023; PMCID: PMC4141117.
[Free full text link](#)
- Glare P, Miller J, Nikolova T, Tickoo R. **Treating nausea and vomiting in palliative care: a review.** Clin Interv Aging. 2011;6:243-59. doi: 10.2147/CIA.S13109. Epub 2011 Sep 12. PMID: 21966219; PMCID: PMC3180521.
[Free full text link](#)
- Currow DC, Quinn S, Agar M, Fazekas B, Hardy J, McCaffrey N, Eckermann S, Abernethy AP, Clark K. **Double-blind, placebo-controlled, randomized trial of octreotide in malignant bowel obstruction.** J Pain Symptom Manage. 2015 May;49(5):814-21. doi: 10.1016/j.jpainsymman.2014.09.013. Epub 2014 Nov 14. PMID: 25462210.
[Free full text link](#)
- Obita GP, Boland EG, Currow DC, Johnson MJ, Boland JW. **Somatostatin Analogues Compared With Placebo and Other Pharmacologic Agents in the Management of Symptoms of Inoperable Malignant Bowel Obstruction: A Systematic Review.** J Pain Symptom Manage. 2016 Dec;52(6):901-919.e1. doi: 10.1016/j.jpainsymman.2016.05.032. Epub 2016 Sep 30. PMID: 27697568.
[Free full text link](#)

- Ripamonti C, Mercadante S, Groff L, Zecca E, De Conno F, Casuccio A. **Role of octreotide, scopolamine butylbromide, and hydration in symptom control of patients with inoperable bowel obstruction and nasogastric tubes: a prospective randomized trial.** J Pain Symptom Manage. 2000 Jan;19(1):23-34. doi: 10.1016/s0885-3924(99)00147-5. PMID: 10687323.
[Free full text link](#)
- Mercadante S, Ripamonti C, Casuccio A, Zecca E, Groff L. **Comparison of octreotide and hyoscine butylbromide in controlling gastrointestinal symptoms due to malignant inoperable bowel obstruction.** Support Care Cancer. 2000 May;8(3):188-91. doi: [10.1007/s005200050283](#). PMID: 10789958.
- Berger J, Lester P, Rodrigues L. **Medical Therapy of Malignant Bowel Obstruction With Octreotide, Dexamethasone, and Metoclopramide.** Am J Hosp Palliat Care. 2016 May;33(4):407-10. doi: [10.1177/1049909115569047](#). Epub 2015 Feb 2. PMID: [25646530](#).
- Kaneishi K, Kawabata M, Morita T. **Olanzapine for the relief of nausea in patients with advanced cancer and incomplete bowel obstruction.** J Pain Symptom Manage. 2012 Oct;44(4):604-7. doi: 10.1016/j.jpainsymman.2011.10.023. Epub 2012 Jul 7. PMID: 22771132.
[Free full text link](#)
- Walsh D, Davis M, Ripamonti C, Bruera E, Davies A, Molassiotis A. **2016 Updated MASCC/ESMO consensus recommendations: Management of nausea and vomiting in advanced cancer.** Support Care Cancer. 2017 Jan;25(1):333-340. doi: 10.1007/s00520-016-3371-3. Epub 2016 Aug 17. PMID: [27534961](#).