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Neoadjuvant radiotherapy for rectal cancer management

Feeney G *et al.* Neoadjuvant radiotherapy for rectal cancer management

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Abstract

Thirty per cent of all colorectal tumours develop in the rectum. The location of the rectum within the bony pelvis and its proximity to vital structures presents significant therapeutic challenges when considering neoadjuvant options and surgical interventions. Most patients with early rectal cancer can be adequately managed by surgery alone. However, a significant proportion of patients with rectal cancer present with locally advanced disease and will potentially benefit from down staging prior to surgery. Neoadjuvant therapy involves a variety of options including radiotherapy, chemotherapy used alone or in combination. Neoadjuvant radiotherapy in rectal cancer has been shown to be effective in reducing tumour burden in advance of curative surgery. The gold standard surgical rectal cancer management aims to achieve surgical removal of the tumour and all draining lymph nodes, within an intact mesorectal package, in order to minimise local recurrence. It is critically important that all rectal cancer cases are discussed at a multidisciplinary meeting represented by all relevant specialties. Pre-operative staging including CT thorax, abdomen, pelvis **18** to assess for distal disease and magnetic resonance imaging to assess local involvement is essential. Staging radiology and MDT discussion are

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Google 学术: Neoadjuvant Therapy for Rectal Cancer Management

... nonoperative **treatment** for stage 0 distal **rectal cancer** ... - Habr-Gama - 被引用次数: 1131

... **management** of **rectal cancer** with complete clinical ... - Smith - 被引用次数: 262

... **cancer** following **neoadjuvant** chemoradiation **therapy** - Habr-Gama - 被引用次数: 342

Total Neoadjuvant Therapy: A Shifting Paradigm in Locally Advanced ...

<https://www.clinical-colorectal-cancer.com/article/S1533...3/fulltext> - 翻译此页

作者: AJ Franke - 2018 - 被引用次数: 17 - 相关文章

This review critically assesses the literature regarding **neoadjuvant therapy** for LARC, as well as the

Major Milestones in **Rectal Cancer Management**.

Neoadjuvant treatment of rectal cancer: where are we now? - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4976683/> - 翻译此页

作者: A Kalyan - 2016 - 被引用次数: 11 - 相关文章

Of this group of patients, approximately 39 000 cases of **rectal cancer** were reported in the US in 2015]. **Treatment** of **rectal cancer** truly requires combinatorial ...

Neoadjuvant Therapy in Rectal Cancer Patients With Clinical Stage II ...

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Neoadjuvant therapy improves survival of patients with clinical stage II and III **rectal cancer** in clinical trials. In this study, we investigated the **administration** of ...

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Neoadjuvant radiotherapy for rectal cancer management에 대한 학술자료

... with preoperative radiotherapy in rectal cancer - Bosset - 2399회 인용

Preoperative radiotherapy combined with total ... - Kapiteijn - 4025회 인용

Preoperative versus postoperative chemoradiotherapy ... - Sauer - 5183회 인용

Neoadjuvant chemoradiotherapy, radiotherapy, and chemotherapy for ...

<https://www.uptodate.com/.../neoadjuvant-chemoradiotherapy-rad...> ▼ 이 페이지 번역하기

CG Willett 저술 - 관련 학술자료

2019. 2. 21. - Gérard A, Buyse M, Nordlinger B, et al. **Preoperative radiotherapy** as adjuvant treatment in rectal cancer. Final results of a randomized study of ...

New Horizons in Rectal Cancer Management: Neoadjuvant Strategies ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5703667/> ▼ 이 페이지 번역하기

Neoadjuvant Radiation (Short-Course Radiation Therapy) versus ... 링크로 이동 - There is evidence that preoperative radiation therapy (RT) reduces the ...

관련 질문

What is neoadjuvant therapy for rectal cancer? ▼

What is neoadjuvant chemoradiation? ▼

What is t3 rectal cancer? ▼



Neoadjuvant therapy is a critical component of the multidisciplinary treatment of patients with **rectal cancer**. The objective of **neoadjuvant therapy**, either **radiotherapy**, combined chemoradiotherapy, or **chemotherapy** alone, is to reduce the risk of local recurrence in patients with locally advanced **rectal cancer** undergoing surgical resection.

[Rectal Cancer: Neoadjuvant Therapy | SpringerLink](#)

link.springer.com/chapter/10.1007%2F978-3-319-25970-3_28

Is this answer helpful?

Neoadjuvant therapy for rectal cancer - Cancer Guidelines Wiki

https://wiki.cancer.org.au/australia/Guidelines:Colorectal_cancer/Neoadjuvant_therapy...

Nov 07, 2017 · Background. **Neoadjuvant** treatment with **radiation** (with or without chemotherapy), followed by surgery, is current practice for managing most mid-low **rectal cancers** that are staged preoperatively as at least T3 and/or at least N1 (i.e. Stage II or III), in individuals well enough to tolerate it.

UpToDate

<https://www.uptodate.com/.../adjuvant-therapy-after-neoadjuvant-therapy-for-rectal-cancer>

Neoadjuvant treatment approaches for **rectal adenocarcinoma**, the role of adjuvant chemotherapy in patients who have not received **neoadjuvant** therapy, the preoperative staging evaluation for **rectal cancer**, the surgical **management** of **rectal adenocarcinoma**, treatment of locally advanced unresectable or locally recurrent disease, **management** of ...

Neoadjuvant treatment of rectal cancer: where are we now?

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4976683>

Jul 12, 2016 · In this brief review, we summarize the current literature for **neoadjuvant** treatment of **rectal cancer**. Staging in **rectal cancer** **Management** of locally advanced **rectal cancer** is complex, in part due to the necessity of integrating multi-modality treatment consisting of chemotherapy, RT and surgery, which are often required for curative intent.

Cited by: 8 Author: Aparna Kalyan, Shaina Rozelle, Al B Ben...

Publish Year: 2016

Neoadjuvant Chemoradiation for Rectal Cancer: Is More ...

<https://www.cancernetwork.com/.../neoadjuvant-chemoradiation-rectal-cancer-more-better>

Jun 02, 2008 · ABSTRACT: Neoadjuvant chemoradiation is now considered the class preferred

Neoadjuvant therapy

Neoadjuvant therapy is the administration of therapeutic agents before a main treatment. One example is neoadjuvant hormone therapy prior to radical radiotherapy for adenocarcinoma of the prostate. Neoadjuvant therapy aims to reduce the size or extent of the cancer before using radical treatment intervention, thus both making procedures easier and more likely to succeed and reducing the consequences of a more extensive treatment technique, which would be required if the tumor were not reduced in size or extent.

Wikipedia

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