

**6** **Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 54050

**Manuscript Type:** ORIGINAL ARTICLE

*Observational Study*

**Selective lateral lymph node dissection after neoadjuvant chemoradiotherapy in rectal cancer**

Chen JN *et al.* LLND in rectal cancer

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## Abstract

### BACKGROUND

Lateral lymph node metastasis is one of the leading causes for local recurrence in patients with advanced mid or low rectal cancer. Neoadjuvant chemoradiotherapy (NCRT) can effectively reduce the postoperative recurrence rate and thus NCRT with total mesorectal excision (TME) is the most widely accepted standard of care for rectal cancer. The addition of lateral lymph node dissection (LLND) after NCRT remains a controversial

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### [Lateral pelvic lymph node dissection after neoadjuvant ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5123316>

Increasing evidence has demonstrated that **lateral pelvic lymph node (LLN)** metastasis is a major cause of local recurrence of **advanced rectal cancer**. At the time of **diagnosis**, 10–25% of patients with **advanced rectal cancer** have synchronous **LLN metastases**, which consequently lead to local recurrence and poor overall survival [4, 5].

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**Publish Year:** 2016

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Sep 30, 2019 · **BACKGROUND:** This study aimed to evaluate the technical feasibility, safety and oncological outcomes of laparoscopic total mesorectal excision (TME) with **selective lateral lymph node (LLN) dissection (sLLND)** in patients with locally **advanced rectal cancer (LARC)** and clinically suspected swollen LLNs treated with preoperative **neoadjuvant chemoradiotherapy ...**

**Author:** Xuyang Yang, Chaoyang Gu, Tao H...

**Publish Year:** 2019

### [Lateral lymph node dissection after neoadjuvant \(chemo ...](#)

[https://ascopubs.org/doi/abs/10.1200/JCO.2020.38.4\\_suppl.163](https://ascopubs.org/doi/abs/10.1200/JCO.2020.38.4_suppl.163)

**Background:** In the West, **rectal cancer** patients with pre-treatment abnormal **lateral lymph nodes (LLN)** are commonly treated with **neoadjuvant (chemo)radiotherapy (n(C)RT)** followed by total mesorectal excision (TME). Few centers perform **lateral lymph node dissection (LLND)** in addition to this, with the aim of improving oncological outcomes.



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### [Lateral pelvic lymph node dissection after neoadjuvant ...](#)

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**Author:** Xuyang Yang, Chaoyang Gu, Tao Hu, ... **Publish Year:** 2019

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