

## Match Overview

1	<b>Crossref</b> 57 words N. Rodriguez de Dios, P. Calvo, M. Rico, M. Martín, F. Couña go, A. Sotoca, B. Taboada, A. Rodríguez. "Recent developme	3%
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3	<b>Internet</b> 13 words crawled on 09-Jun-2020 <a href="https://onlinelibrary.wiley.com">onlinelibrary.wiley.com</a>	1%

**Name of Journal:** *World Journal of Clinical Oncology*

**Manuscript NO:** 58951

**Manuscript Type:** EDITORIAL

**Is there a place to optimize thoracic radiotherapy in LS-SCLC after 20 years?**

Thoracic Radiotherapy in LS-SCLC

### Abstract

Thoracic radiotherapy (TRT) is one of the main treatments in limited-stage small cell lung cancer (LS-SCLC). Hyperfractionated TRT (45 Gy, 1.5 Gy twice daily) has been the standard of care (SOC) since Turrisi and colleagues published the results of their clinical trial in 1999. Two meta-analyses have demonstrated the benefits of concurrent chemotherapy and TRT in terms of intrathoracic disease control at 2 years and 3-year overall survival (OS). The phase 2 trial by Gronberg *et al* (2016) comparing once-daily hypofractionated TRT to twice-daily hyperfractionated TRT in LS-SCLC found similar outcomes in both groups in terms of response rate, progression-free survival (PFS),



Is there a place to optimize thoracic radiotherapy in LS-SCLC after 2



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## Is there a Role for Hypofractionated Thoracic Radiotherapy ...

<https://www.physiciansweekly.com/is-there-a-role...> ▼

Various **radiation** schedules are used in concurrent chemoradiotherapy for limited-stage small cell lung cancer (**LS-SCLC**). As **there** is currently no randomized evidence comparing hypofractionated (HFRT) and conventionally-fractionated **radiotherapy** (CFRT), the aim of this study was to compare overall survival (OS), progression-free survival (PFS), and toxicity of HFRT and CFRT in **LS-SCLC**.

## Thoracic radiotherapy for limited-stage small cell lung ...

<https://www.researchgate.net/publication/10858171...>

To **improve** the prognosis of limited stage small cell lung cancer (**LS-SCLC**) the addition of concurrent **thoracic radiotherapy** to a platinum-containing regimen is important.

## Thoracic Radiation Therapy in Limited Stage Small-Cell ...

<https://www.researchgate.net/publication/6867248...>

Over the last **20 years**, **there** have been three significant advances in the treatment of limited-stage small-cell lung cancer. These are the inclusion of **thoracic radiation therapy** (TRT) to decrease ...

## Recent developments in limited stage small cell lung ...

[tocr.amegroups.com/article/view/29480/22300](https://tocr.amegroups.com/article/view/29480/22300) ▼

Abstract: Limited stage small cell lung cancer (**LS-SCLC**) remains a challenging disease, with 5-year overall survival ranging from 30–35% with current standard of care treatment consisting of **thoracic radiation** to 45 Gy in 30 fractions delivered twice daily, with concurrent platinum/etoposide chemotherapy, followed by prophylactic cranial irradiation (PCI).

Cited by: 2

Author: Kristin A. Higgins, Sophia Gorgens, Lisa J. ...

Publish Year: 2019



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### [Surgery for limited-stage small-cell lung cancer](https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/28429473)

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/28429473>

**Small-cell lung cancer** is considered **limited-stage** if it is still within the chest or extensive-stage if it has spread outside the chest. Currently, chemotherapy and **radiation therapy** is recommended for treatment...

Cited by: 12

Author: Hayley Barnes, Katharine See, Stephen Bar...

Publish Year: 2017

### [Combined Chemoradiation Therapy for Limited-Stage Small ...](https://www.cancernetwork.com/view/combined-chemo...)

<https://www.cancernetwork.com/view/combined-chemo...> ▾

In summary, the current standard therapy for **limited-stage small-cell lung cancer** should be twice-daily **radiation** fractions of 1.8 to 2.0 Gy to a total dose of 45 to 50 Gy when PE chemotherapy is used. Volum...

### [Non-small cell lung cancer therapy: safety and efficacy in ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3639018)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3639018>

Johnson DH, Turrisi AT, Chang AY, et al. Alternating chemotherapy and twice-daily **thoracic radiotherapy** in **limited-stage small-cell lung cancer**: a pilot study of the Eastern Cooperative Oncology Group. Journal o...

Cited by: 10

Author: Owen S Glotzer, Thomas Fabian, Anurag Ch...

Publish Year: 2013

### [Phase II Study of Tirapazamine, Cisplatin, and Etoposide ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2702233)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2702233>

Jun 20, 2009 · Le QT, McCoy J, Williamson S, et al. Phase I study of tirapazamine plus cisplatin/etoposide and concurrent **thoracic radiotherapy** in **limited-stage small cell lung cancer** (S0004): A Southwest...

Cited by: 57

Author: Quynh Thu X Le, James Moon, Mary Redm...

Publish Year: 2009

### [Radiation Therapy for Small Cell Lung Cancer: An ASTRO ...](https://www.sciencedirect.com/science/article/pii/S1879850020300539)

<https://www.sciencedirect.com/science/article/pii/S1879850020300539>

May 01, 2020 · C. Le Pechoux, A. Dunant, S. Senan, et al. Standard-dose versus higher-dose prophylactic cranial irradiation (PCI) in patients with **limited-stage small-cell lung cancer** in complete remission **after**...