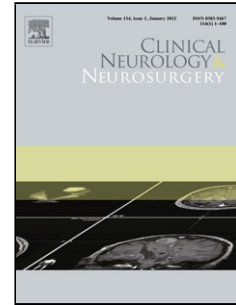


Accepted Manuscript

Title: Proton therapy for low-grade gliomas in adults: a systematic review

Authors: Erik Thurin, Petra W. Nyström, Anja Smits, Katja Werlenius, Anna Bäck, Ann Liljegren, Eva-Lotte Daxberg, Asgeir Store Jakola



PII: S0303-8467(18)30314-7
DOI: <https://doi.org/10.1016/j.clineuro.2018.08.003>
Reference: CLINEU 5116

To appear in: *Clinical Neurology and Neurosurgery*

Received date: 25-5-2018
Revised date: 15-7-2018
Accepted date: 1-8-2018

Please cite this article as: Thurin E, W. Nyström P, Smits A, Werlenius K, Bäck A, Liljegren A, Daxberg E-Lotte, Store Jakola A, Proton therapy for low-grade gliomas in adults: a systematic review, *Clinical Neurology and Neurosurgery* (2018), <https://doi.org/10.1016/j.clineuro.2018.08.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Proton therapy for low-grade gliomas in adults: a systematic review

Erik Thurin (1, 12), Petra W. Nyström (2, 3), Anja Smits (1,4), Katja Werlenius (5, 6), Anna Bäck (2, 7, 11), Ann Liljegren (8), Eva-Lotte Daxberg (8), Asgeir Store Jakola (1, 9, 10)

Affiliations:

- 1) Institute of Physiology and Neuroscience, Sahlgrenska Academy, University of Gothenburg, Sweden
- 2) The Skandion Clinic, Uppsala, Sweden
- 3) Danish Centre for Particle Therapy, Aarhus, Denmark
- 4) Department of Neuroscience, Neurology, Uppsala University, Uppsala, Sweden
- 5) Department of Oncology, Sahlgrenska University Hospital, Gothenburg, Sweden
- 6) Sahlgrenska Cancer Center, Department of Oncology, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Sweden
- 7) Therapeutic Radiation Physics, Sahlgrenska University Hospital, Göteborg, Sweden
- 8) Medical library, Sahlgrenska University Hospital, Gothenburg, Sweden
- 9) Department of Neurosurgery, Sahlgrenska University Hospital, Gothenburg, Sweden
- 10) Department of Neurosurgery, St.Olavs Hospital, Trondheim, Norway
- 11) Department of Radiation Physics, Sahlgrenska Academy, University of Gothenburg, Sweden
- 12) Department of Neurology, Sahlgrenska University Hospital, Gothenburg, Sweden

Corresponding author:

Erik Thurin, MD

Phone +46 768 614604

Email: erik.thurin@neuro.gu.se

Download English Version:

<https://daneshyari.com/en/article/11030620>

Download Persian Version:

<https://daneshyari.com/article/11030620>

[Daneshyari.com](https://daneshyari.com)