

Neuro-Ophthalmology >

Volume 41, 2017 - [Issue 5](#)

116 | 5 | 0
Views | CrossRef citations to date | Altmetric

Photo Essay

Bilateral Radiation Optic Neuropathy Following Concurrent Chemotherapy and Radiation in Glioblastoma


Jigisha P. Thakkar , John T. Slevin, Charles D. Smith, Padmaja Sudhakar, William St. Clair & John L. Villano

Pages 287-290 | Received 24 Feb 2017, Accepted 21 Apr 2017, Published online: 30 May 2017

 Cite this article  <https://doi.org/10.1080/01658107.2017.1322989>



Sample our
Medicine, Dentistry, Nursing
& Allied Health Journals
>> [Sign in here](#) to start your access
to the latest two volumes for 14 days



 Full Article  Figures & data  References  Citations  Metrics

 Reprints & Permissions

[Read this article](#)

 Share

ABSTRACT

Radiation optic neuropathy (RON) is an iatrogenic complication that causes severe, irreversible vision loss within months to years following radiation to lesions close to the visual pathway. The authors describe a case of RON in glioblastoma after radiosensitisation with temozolomide with sequential involvement of both optic nerves. This case provides a timeline for clinical and imaging findings with RON and specifically resolution of nerve enhancement. The authors also highlight the potential of an increase in incidence of RON in glioblastoma with advances in survival seen with greater use of second-line chemotherapy and even re-radiation.

KEYWORDS:

Declaration of interest

The authors report no conflicts of interest. The authors alone are responsible for the content and writing of the article.

Related research

[People also read](#)[Recommended articles](#)[Cited by
5](#)

[Factors Associated with Occurrence of Radiation-induced Optic Neuropathy at “Safe” Radiation Dosage >](#)

Pavle Doroslovački et al.
Seminars in Ophthalmology
Published online: 13 Jul 2017

[Tocilizumab as first treatment option in optic neuropathy secondary to Graves’ orbitopathy >](#)

I. Pascual-Camps et al.
Orbit
Published online: 8 Feb 2018

[Long-term neuropathy and quality of life in colorectal cancer patients treated with oxaliplatin containing adjuvant chemotherapy >](#)

L. M. Soveri et al.
Acta Oncologica
Published online: 14 Jan 2019

[View more](#)

Information for

[Authors](#)

[R&D professionals](#)

[Editors](#)

[Librarians](#)

[Societies](#)

Opportunities

[Reprints and e-prints](#)

[Advertising solutions](#)

[Accelerated publication](#)

[Corporate access solutions](#)

Open access

[Overview](#)

[Open journals](#)

[Open Select](#)

[Dove Medical Press](#)

[F1000Research](#)

Help and information

[Help and contact](#)

[Newsroom](#)

[All journals](#)

[Books](#)

Keep up to date

Register to receive personalised research and resources by email



Sign me up



Copyright © 2026 Informa UK Limited [Privacy policy](#)

[Cookies](#) [Terms & conditions](#) [Accessibility](#)

Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG



Taylor & Francis
by **informa** •••