Taylor & Francis Online

Home ▶ All Journals ▶ Medicine ▶ Neuro-Ophthalmology ▶ List of Issues ▶ Volume 41, Issue 5 ▶ Bilateral Radiation Optic Neuropathy Fol ....

Neuro-Ophthalmology ›

Volume 41, 2017 - Issue 5

116 Views | 5 CrossRef citations to date | 0 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 Check for updates

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

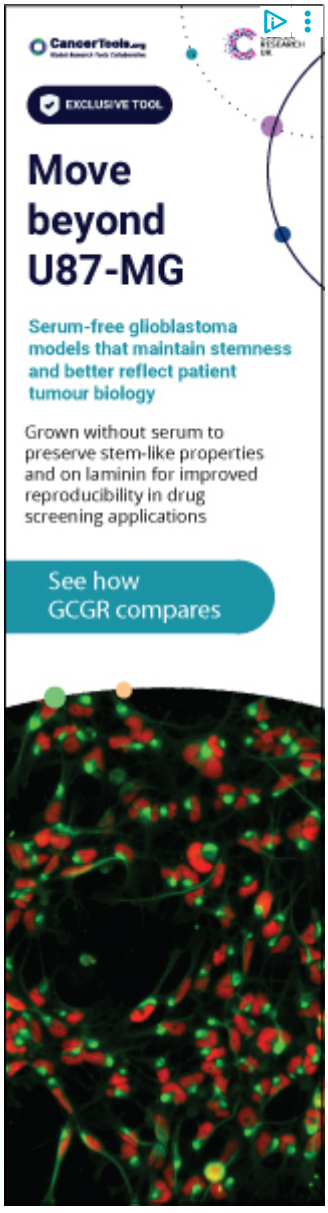
ABSTRACT

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 radio-sensitisation 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

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

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