



Athens Authentication Point

**Logged in as:**  
Giovanni Camporeale  
(146-77-101)

Log Out

**My SpringerLink**

Marked Items

Alerts

Order History

**Saved Items**

All

Favorites

English



**Add to marked items**

Add to saved items

Recommend this article

---


**Content Types** Subjects

Journal Article

**Leptomeninges as a site of relapse in locally controlled, diffuse pontine glioma with review of literature**

Journal Child's Nervous System  
 Publisher Springer Berlin / Heidelberg  
 ISSN 0256-7040 (Print) 1433-0350 (Online)  
 Subject Medicine **ONLINE FIRST**  
 Category Case Report  
 DOI 10.1007/s00381-006-0168-6  
 Online Date Tuesday, September 19, 2006

---

Suruchi Singh<sup>1</sup>, Ritu Bhutani<sup>1</sup> and Rakesh Jalali<sup>1</sup> 

(1) Department of Radiation Oncology, 116, Tata Memorial Hospital, Parel, Mumbai, 400-012, India

**Received:** 27 October 2005 **Revised:** 27 December 2005 **Published online:** 16 September 2006

**Abstract**

Case report Leptomeningeal involvement in diffuse intrinsic brain stem gliomas is rarely diagnosed clinically and in majority of the instances diagnosed only on postmortem examination. We report two cases of diffuse pontine glioma diagnosed clinicoradiologically and treated with conventional radiotherapy.

Observations On follow-up, both patients showed clinical features suggestive of meningeal spread although imaging for pontine tumor showed stable disease. Leptomeningeal disease in the spine was confirmed on imaging and in one case by cerebrospinal fluid examination also. During the follow-up of patients with pontine glioma, the possibility of leptomeningeal

**Find** more options

Within this journal  
 Within all content

**Export this article**

Export this article as RIS | Text

**Text**

**PDF**

The size of this document is 233 kilobytes. Although it may be a lengthier download, this is the most authoritative online format.

Open: Entire document

---

**SpringerLink**

Marked Items

Alerts

Order History

**Saved Items**

All

Favorites

Suruchi Singh<sup>1</sup>, Ritu Bhutani<sup>1</sup> and Rakesh Jalali<sup>1</sup> 

(1) Department of Radiation Oncology, 116, Tata Memorial Hospital, Parel, Mumbai, 400-012, India

**Received:** 27 October 2005 **Revised:** 27 December 2005 **Published online:** 16 September 2006

**Abstract**

Case report Leptomeningeal involvement in diffuse intrinsic brain stem gliomas is rarely diagnosed clinically and in majority of the instances diagnosed only on postmortem examination. We report two cases of diffuse pontine glioma diagnosed clinicoradiologically and treated with conventional radiotherapy.

Observations On follow-up, both patients showed clinical features suggestive of meningeal spread although imaging for pontine tumor showed stable disease. Leptomeningeal disease in the spine was confirmed on imaging and in one case by cerebrospinal fluid examination also. During the follow-up of patients with pontine glioma, the possibility of leptomeningeal

---

**SpringerLink**

Marked Items

Alerts

Order History

**Saved Items**

All

Favorites

Suruchi Singh<sup>1</sup>, Ritu Bhutani<sup>1</sup> and Rakesh Jalali<sup>1</sup> 

(1) Department of Radiation Oncology, 116, Tata Memorial Hospital, Parel, Mumbai, 400-012, India

**Received:** 27 October 2005 **Revised:** 27 December 2005 **Published online:** 16 September 2006

**Abstract**

Case report Leptomeningeal involvement in diffuse intrinsic brain stem gliomas is rarely diagnosed clinically and in majority of the instances diagnosed only on postmortem examination. We report two cases of diffuse pontine glioma diagnosed clinicoradiologically and treated with conventional radiotherapy.

Observations On follow-up, both patients showed clinical features suggestive of meningeal spread although imaging for pontine tumor showed stable disease. Leptomeningeal disease in the spine was confirmed on imaging and in one case by cerebrospinal fluid examination also. During the follow-up of patients with pontine glioma, the possibility of leptomeningeal

involvement must be borne in mind.

**Keywords** Brain stem glioma - Patterns of failure - Leptomeningeal spread



**Rakesh Jalali**

**Email:** [rjalali@medscape.com](mailto:rjalali@medscape.com)

**Phone:** +91-22-24177159

**Fax:** +91-22-24146937

References secured to subscribers.

## HTML

This offers the quickest access for ease of browsing. Please note that some scientific and mathematical characters may not render as precisely as in PDF versions.

Open Full Text

Frequently asked questions | General information on journals and books | Send us your feedback

© Springer. Part of Springer Science+Business Media

Privacy, Disclaimer, Terms and Conditions, © Copyright Information

Remote Address: 151.44.144.126 • Server: mpweb02

HTTP User Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1)