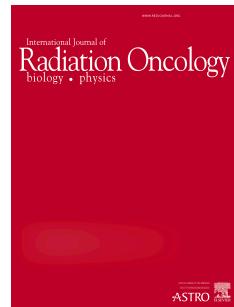


# Accepted Manuscript



Treatment-related non-contiguous radiologic changes in children with diffuse intrinsic pontine glioma treated with expanded irradiation fields and antiangiogenic therapy

Zoltan Patay, MD, PhD, Thomas E. Merchant, DO, PhD, Rosa Nguyen, MD,  
Christopher R. Pierson, MD, PhD, Arzu Onar-Thomas, PhD, Alberto Broniscer, MD

PII: S0360-3016(17)33777-X

DOI: [10.1016/j.ijrobp.2017.08.021](https://doi.org/10.1016/j.ijrobp.2017.08.021)

Reference: ROB 24467

To appear in: *International Journal of Radiation Oncology • Biology • Physics*

Received Date: 21 February 2017

Revised Date: 2 June 2017

Accepted Date: 16 August 2017

Please cite this article as: Patay Z, Merchant TE, Nguyen R, Pierson CR, Onar-Thomas A, Broniscer A, Treatment-related non-contiguous radiologic changes in children with diffuse intrinsic pontine glioma treated with expanded irradiation fields and antiangiogenic therapy, *International Journal of Radiation Oncology • Biology • Physics* (2017), doi: 10.1016/j.ijrobp.2017.08.021.

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.

**Treatment-related non-contiguous radiologic changes in children with diffuse intrinsic pontine glioma treated with expanded irradiation fields and antiangiogenic therapy**

Zoltan Patay, MD, PhD.<sup>1\*</sup> Thomas E. Merchant, DO, PhD.<sup>2</sup> Rosa Nguyen, MD.<sup>3</sup> Christopher R. Pierson, MD, PhD.<sup>4</sup> Arzu Onar-Thomas, PhD.<sup>5</sup>, Alberto Broniscer, MD.<sup>6</sup>

Department of Diagnostic Imaging, St. Jude Children's Research Hospital, Memphis, TN<sup>1</sup>;  
Department of Radiation Oncology, St. Jude Children's Research Hospital, Memphis, TN<sup>2</sup>;  
Department of Oncology, St. Jude Children's Research Hospital, Memphis, TN<sup>3&6</sup>;  
Department of Pathology and Laboratory Medicine, Nationwide Children's Hospital,  
Departments of Pathology and Biomedical Education & Anatomy, The Ohio State University  
College of Medicine, Columbus, OH<sup>4</sup>;  
Department of Biostatistics, St. Jude Children's Research Hospital, Memphis, TN<sup>5</sup>;  
Department of Pediatrics, University of Tennessee Health Science Center, Memphis, TN<sup>6</sup>

**Running title:** Treatment-related non-contiguous radiologic changes in DIPG

**\*Corresponding author:** Zoltan Patay, MD, St. Jude Children's Research Hospital, 262 Danny Thomas Place, Mail Stop 260, Memphis, TN, 38105  
Telephone: 1-901-595-2507, fax: 1-901-595-3981, email: [zoltan.patay@stjude.org](mailto:zoltan.patay@stjude.org)

**Funding:** This work was supported by the U.S. National Institutes of Health Cancer Center Support (CORE) Grant P30 CA21765, by the American Lebanese Syrian Associated Charities (ALSAC), and by a grant from AstraZeneca.

**Conflict of interest:** Dr. Alberto Broniscer received partial financial support from AstraZeneca to conduct the two clinical trials reported in this manuscript.

**Acknowledgments**

Download English Version:

<https://daneshyari.com/en/article/8211659>

Download Persian Version:

<https://daneshyari.com/article/8211659>

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