

Accepted Manuscript

Intradural - extramedullary cervical cord lipoma: Case report and literature review

Dimitrios Panagopoulos, Georgios Markogiannakis, Michael Koutzoglou

PII: S1878-8750(17)31952-6

DOI: [10.1016/j.wneu.2017.11.029](https://doi.org/10.1016/j.wneu.2017.11.029)

Reference: WNEU 6860

To appear in: *World Neurosurgery*

Received Date: 6 September 2017

Revised Date: 2 November 2017

Accepted Date: 4 November 2017

Please cite this article as: Panagopoulos D, Markogiannakis G, Koutzoglou, M, Intradural - extramedullary cervical cord lipoma: Case report and literature review, *World Neurosurgery* (2017), doi: 10.1016/j.wneu.2017.11.029.

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.



Dimitrios Panagopoulos, Georgios Markogiannakis, Michael Koutzoglou

Department of Neurosurgical Department, Aglaia Kyriakou Pediatric Hospital of Athens, Athens, Attica, 11527 Greece

Corresponding Author:

Dimitrios Panagopoulos, MD, PhD.

Thivon & Levadias, Goudi, Athens, 11527 Greece

Phone: 00306981328628

Fax: 00302108075400

Email: dimpanayop@gmail.com

Email addresses:

Georgios Markogiannakis, MD: markogiannakisgeo@hotmail.com

Michael Koutzoglou, PhD: koutzoglou@yahoo.gr

Keywords: embryological lipoma classification, failed primary neurulation, intradural-extramedullary cervical lipoma.

Abbreviations: MEP, motor-evoked potential; MRI, magnetic resonance imaging; PNETs, primitive neuroectodermal tumors; POD, post-operative day; SSEP, somatosensory-evoked potential; STIR, short tau inversion recovery.

ABSTRACT

Background: Spinal lipomas are generally thought to occur as a result of failed primary neurulation. Failed primary neurulation allows invasion of mesenchymal tissue of mesodermic origin into the neural structure, leading to the formation of a spinal lipoma. Despite most spinal lipomas being regarded as the result of failed primary neurulation, some confusion in terms of the embryogenesis of spinal lipomas remains. Recently, a novel classification of spinal lipomas based on embryonic changes seen during primary and secondary neurulation has been proposed.

Download English Version:

<https://daneshyari.com/en/article/8691997>

Download Persian Version:

<https://daneshyari.com/article/8691997>

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