

Accepted Manuscript

Salvage revision surgery after inappropriate approach for primary spine tumors: long term follow-up in 56 cases

Alessandro Luzzati, MD, Gennaro Scotto, MD, Giuseppe Perrucchini, MD, Ali A. Baaj, MD, Carmine Zoccali, MD, PhD

PII: S1878-8750(16)31191-3

DOI: [10.1016/j.wneu.2016.11.043](https://doi.org/10.1016/j.wneu.2016.11.043)

Reference: WNEU 4853

To appear in: *World Neurosurgery*

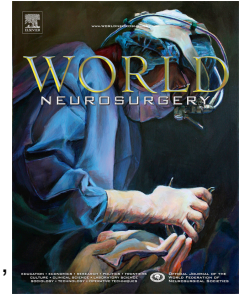
Received Date: 10 September 2016

Revised Date: 4 November 2016

Accepted Date: 7 November 2016

Please cite this article as: Luzzati A, Scotto G, Perrucchini G, Baaj AA, Zoccali C, Salvage revision surgery after inappropriate approach for primary spine tumors: long term follow-up in 56 cases, *World Neurosurgery* (2016), doi: 10.1016/j.wneu.2016.11.043.

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.



Salvage revision surgery after inappropriate approach for primary spine tumors: long term follow-up in 56 cases

Alessandro Luzzati, Gennaro Scotto, Giuseppe Perrucchini, Ali A. Baaj, Carmine Zoccali MD

- **Alessandro Luzzati MD**, Orthopedic Surgeon, Oncological Orthopedics Department, Galeazzi Orthopedic Institute, Via Riccardo Galeazzi 4, Milan, Italy. alessandroluzzati@gmail.com
- **Gennaro Scotto MD**, Orthopedic Surgeon, Oncological Orthopedics Department, Galeazzi Orthopedic Institute, Via Riccardo Galeazzi 4, Milan, Italy. g.scotto1@virgilio.it
- **Giuseppe Perrucchini MD**, Orthopedic Surgeon, Oncological Orthopedics Department, Galeazzi Orthopedic Institute, Via Riccardo Galeazzi 4, Milan, Italy. pergiudoc@fastwebnet.it
- **Ali A. Baaj MD**, Neurosurgeon, Weill Cornell Medical College, New York Presbyterian Hospital, New York, USA. alb9140@med.cornell.edu
- **Carmine Zoccali MD, PhD**, Orthopedic Surgeon, Oncological Orthopaedics Department, Muscular-skeletal Tissue Bank. IFO - Regina Elena National Cancer Institute, Via Elio Chianesi 53, 00144 Rome, Italy. carminezoccali@libero.it

Address for correspondence:

Dr. Carmine Zoccali, IFO - Regina Elena National Cancer Institute,

Via Elio Chianesi 53, Rome, Italy.

FAX: +39 06 52662778 - mobile-phone: +39 338 6355040; E-mail: carminezoccali@libero.it

Keywords: en-bloc vertebrectomy, wide margin, contamination, chordoma, chondrosarcoma, salvage surgery

Download English Version:

<https://daneshyari.com/en/article/5634940>

Download Persian Version:

<https://daneshyari.com/article/5634940>

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