

THE NEURODIAGNOSTIC JOURNAL

CASE REPORT: IONM

Manuscript Type: Case Report (IONM)

Description: Describes a novel, interesting, or educational IONM case.

Example: Deliberate Parent Artery Sacrifice Guided by Intraoperative Neurophysiological Monitoring During Complex Surgical Clipping of a Ruptured Anterior Communicating Artery Aneurysm

Ethics Requirements: Authors must obtain patient consent for any case reports in which a patient or group of patients can be identified. Consent is not required for case reports that meet the requirements of HIPAA section 164.514(b)(2), the [“Safe Harbor” method](#) in which all 18 patient identifiers are removed.

Report Sections:

The outline listed below serves as a guide. It is not required that authors strictly adhere to these guidelines. Please contact Melissa Cobos at melissa@aset.org with any questions about organizing the report.

I. Cover Page

a. Author Information

The cover page should include the title, author information, acknowledgements, and a disclosure statement. Author information should include the name, credentials, institution name, department, and email address. Acknowledgments should be included if any other individuals contributed to the manuscript. A standard disclosure statement when no conflicts of interest are present is, “The author reports there are no competing interests to declare.”

b. Abstract

Write a brief abstract of 150 or fewer words.

c. Key Words

Include 3–5 key words.

II. Introduction

Briefly summarize the case. Discuss why it is interesting or novel. Briefly highlight the importance of the case.

III. Case Information

a. **Materials and Methods:** *Describe the instrumentation setup, anesthesia, equipment, software, electrode types, stimulation settings, electrode placement, montage, bandpass, sensitivity setting, etc.*

b. **Patient Information:** *Include only de-identified patient information. Include the patient’s age, chief concern, diagnosis, medical history, treatment history and response to*

treatment, neurodiagnostic test findings, and other clinical or diagnostic findings if applicable. Discuss the surgical plan, baseline IONM findings, surgical course, IONM changes, and interventions and results. Describe the patient's postoperative status, postoperative care, postoperative diagnostic findings (e.g., imaging findings), and long-term follow-up, if applicable.

IV. Discussion and Literature Review

Discuss the patient's disorder and/or the surgical procedure in more detail. Provide background information such as history, classification, clinical description and presentations, terminology, prevalence, risk factors, comorbidities, etiology, current related IONM best practices, etc.

V. Conclusion

Briefly restate why this case is worth highlighting and the key educational takeaways.

TIPS FOR CASE REPORTS:

- Submit images as separate files (PNG, JPG, or TIF). Do not submit images in a Word document or PDF. Images must have all identifying patient information removed.