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Literature review: Holocordic Spinal Subdural Hematoma: A challenging management in emergency

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Purpose: Spinal subdural hematoma (SSH) is a rare entity and the etiology has yet to be elucidated. Holocordic spinal hematomas represent an exception. The management of these patients remains controversial, due to their extremely poor prognosis and their rarity.

Material and Methods: Electronic databases, such as MEDLINE, Scopus and PubMed, were analyzed for, searching Holocordic spinal subdural hematoma studies published until April 2021. Case series, Case reports, and literature review were included.

Results: We found a total amount of only 7 cases describing a Holocordic SSH reported in the literature so far and we added the description of 1 case we managed at our institution, reaching a total amount of 8 cases. We discussed clinical and radiological features, etiological

hypothesis, treatment strategies and prognostic factors.

Conclusion: The correct treatment of Holocordic hematomas is not yet well standardized. Complete evacuation is not amenable, but surgical evacuation based on MRI imaging has shown to be the most effective therapeutic choice, crucial in means of prognosis, even if performed with some delay.

Speaker Biography

Andrea Iaquinandi graduated in 2014 at the University of Rome "La Sapienza". In 2015 he obtained the qualification for the medical profession. In 2020 he discussed his master's thesis in Neurosurgery at the University of Rome "Tor Vergata". Since 2021 he has been working as a MD at the Department of Neurosurgery Polyclinic "Tor Vergata" in Rome.

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