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## Spinal Epidural Abscess in Immunocompetent child: A case report and review of literature

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Spinal epidural abscess (SEA) is uncommon and rare condition in immunocompetent population and even more rare in pediatric group. The incidence of spinal epidural abscess appears to be increasing and comprises up to 2 per 10,000 hospital admissions. The presentation is variable and diagnosis can be easily missed on first visit. The diagnosis is established by history, clinical examination finding, increased inflammatory markers and neurological imaging. Surgical decompression and drainage in combination with antibiotic for four to six weeks are the typical treatment for SEA. An alternative treatment with parenteral antibiotic only is an alternative treatment. We reported an 11-year-old girl presented fever, chest and back pain she was found to have unsteady gait and lower extremity weakness. Spinal MRI showed heterogeneous enhancing collection in the posterior

epidural space from the level of T2 vertebra to T10 vertebra. She was treated with antibiotic for 6 weeks without complications.

### Speaker Biography

Tariq Al-Saadi is a neurosurgical resident at McGill University-Montreal Neurological Institute in Canada. Graduated first rank with distinction from Sultan Qaboos University in Oman in 2016. After completing his internship, he joined the Department of Neurosurgery at Khoula Hospital, which is the National Trauma Center in Oman. Throughout his undergraduate and post graduate years, he has been an active member of various surgical societies with high passion for research and medical education. Has been invited as a speaker to several national and international meetings and has published in various peer reviewed journals. He is an editorial board member of the Gulf Research Collaboration Group (GRCG), which is established to conduct multi-centric high-quality research in the Gulf area.

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