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Congenital embryonal rhabdomyosarcoma with prenatal onset

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Abstract

Objective: Rhabdomyosarcoma (RMS) is the single most common type of soft tissue sarcoma in children and adolescents but it is extraordinarily rare in neonates. Extremity RMS comprises ۲۰٪ of all sites, occurs more commonly in the leg than in the arm and accounts for ۹٪ of all RMS cases. Case Presentation: According to our review, this is the second case of RMS on day one of life the congenital, antenatal feature, and postnatal progressive clinical course of a large tumor of the hand (pre-treatment staging T۲bN۱M۰) with embryonic histological subtype and unfavo rable prognosis. The patient is a term newborn boy with huge mass in the right hand and palpable lymph node in subaxillar region. Conclusion: Congenital embryonal rhabdomyosarcoma is a rare form of sarcomas with congenital in nature, antenatal feature and post natal progressive clinical course of sarcomas of extremities in newborn infants.

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