PEDiatric CHEST PNET-ewInG’S SArcoma WITH UNUSUAL PRESENTATION

B B SHARMA¹; MRS. SHASHI SHARMA ²; SARITA JILOWA³; SUDHA CHANDALIA⁴

¹Consultant Radiologist, PGIMER & Dr RML Hospital, New Delhi
²Associate Professor, Department of Pediatrics, SGT Medical College, Gurgaon (Haryana)
³Associate Professor Radio-diagnosis, PGIMER & Dr RML Hospital, New Delhi
⁴Assistant Professor, Department of Pediatrics PGIMER & Dr RML Hospital, New Delhi

Abstract

Primitive neuroectodermal tumors (PNET) are infrequent but highly aggressive involving the chest wall and other surrounding structures. These tumors develop from undifferentiated neuroectoderm. These are progressive in nature and the child present with the features as per the extent of involvement of the area. The prognosis depends upon the extension of the tumor. We present 4-years-old boy who presented with cough, breathlessness and bilateral weakness and paraesthesia in lower limbs. On radiologically, immunohistochemistry and Histopathological examination it turns out to be a case of PNET / ES (Ewing’s sarcoma). The management has to be individualized in most of the cases. This child underwent surgical removal with follow up treatment.

Keywords: PNET; aggressive; neuroectoderm, Ewing’s sarcoma.