

Management of stage I cervical sarcoma botryoides in childhood and adolescence

Abstract:

Rhabdomyosarcomas are the most common soft tissue sarcomas in childhood. The botryoid variant arises in infancy from the vagina or urinary bladder and extremely rarely from the uterine cervix. Treatment regimes range from local excision of the tumour to radical hysterectomy with adjuvant multi-drug therapy and/or radiotherapy. In cases of minimal cervical invasion, the less invasive local excision in combination with adjuvant chemotherapy has resulted in excellent survival rates with complete functional preservation of the bladder, rectum, vagina, and ovaries. We present here a 30-year literature review and a case report of a cervical sarcoma botryoides in a 5-year-old girl. Conclusion: Based on the literature review and our own observation, we recommend minor surgical approaches in combination with chemotherapy as the treatment of choice for early stage I cervical rhabdomyosarcoma.