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Hemorrhagic brain metastasis of an amelanotic melanoma foot: A case report

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A melanotic melanomas of skin are rare and threatening disease, contributing to less than 5% of all malignant melanomas of skin. Due to lack of any characteristic clinical features, the diagnosis is often based on histopathological and immunohistochemical examinations. The mainstay of treatment is surgical excision followed by adjuvant chemoradiotherapy in advanced stage.

These lesions are frequently diagnosed late in their growth meaning they tend to be deeper and more invasive hence increasing the propensity of distant metastasis making the definitive treatment difficult which leads to poor prognosis. The usual appearance of the metastatic brain lesion in amelanotic melanoma is hypointense on T1-weighted images and hyperintense on T2-weighted images suggestive of lesion with less melanin containing cells, but our patient had an unusual presentation of brain metastasis which was hyperintense on T1-weighted images and hypo to iso intense on T2-weighted images suggestive of hemorrhagic metastasis.

Here we report a 55 years old male who presented initially as a cracked heel with non specific features for a long time period, was diagnosed as an invasive advanced amelanotic melanoma: Clarke's level 5, after 22 months. The lesion was not amenable to complete surgical excision hence limited surgery followed by chemoradiotherapy was done. The patient developed hemorrhagic brain metastasis during the period of treatment for which patient received radiation to brain. Post treatment patient had residual disease in brain and developed new metastatic deposits in popliteal fossa.

Biography

Dr. Seema Gupta works as associate professor in Department of Radiation Oncology, Chhatrapati Shahuji Maharaj Medical University (Upgraded King George's Medical University), Lucknow. Her outstanding & innovative lectures are focused on Head & Neck Cancer. Dr. Gupta is performing two research projects in Molecular Oncology currently; she is recognized in the team for her excellence and the innovation of the work. Beside this; she is guiding a PhD student of doing research work on Oral Cancer specially. Dr. Gupta has research experience of 10 years; She has published more than 25 papers in reputed journal.