ISSN 2321 – 7359 EISSN 2321 – 7367

discovery

Medical Science

The International Weekly Journal for Medicine

Hemangiopericytoma

Vidhya

Department of Medical Information, Medical Science, E-mail: discoverypublication@gmail.com

Citation

Vidhya. Hemangiopericytoma. *Medical Science*, 2014, 12(45), 7

Hemangiopericytomas are a type of rare tumor involving blood vessels and soft tissues. It is often a painless masses and may not have any associated symptoms. This tumors can originate anywhere in the body where there are capillaries. The most common locations reported are the brain, lower extremities, pelvic area, head, and neck. It can be either benign (non-cancerous) or malignant (cancerous). Malignant hemangiopericytomas can metastasize or spread to other areas in the body, primarily the lungs and bones. Meningeal hemangiopericytomas are largely tumors of adulthood particularly among men, and the average age at diagnosis ranges from 32 to 41 years in different series. Meningeal hemangiopericytomas are aggressive tumors that tend to recur even after macroscopic total resection. Combination of wide local excision, radiotherapy and chemotherapy had been adopted. However surgery is the definitive modality of treatment, radiotherapy has been used to treat surgically unapproachable or recurrent tumors and to diminish local recurrence.

The preferred surgical treatment for hemangiopericytomas in the head and neck is the Endoscopic Endonasal Approach (EEA). Imaging studies will reveal the exact location and size of the mass, as well as the extent of spread. Biopsy of the tissue allows for the identification of specific characteristics. Neurosurgical team may recommend a combination of surgical and non-surgical approaches for hemangiopericytomas treatment. Chemotherapy is also effective for treating malignant hemangiopericytomas and is often prescribed after surgery. Nowadays MRI and histopathology is the important diagnostic tool for the final diagnosis.

REFERENCES

1. Gunvanti B Rathod, Rahul Goyal, Sandepkumar Yadav, Sachin Agarwal, Goswami S. Intracranial hemangiopericytoma in 26 years old female - A case report. *Medical Science*, 2014, 11(42), 47-51

© 2014 discovery publication. All rights reserved