



A Rare Case of Glomus Tumour

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ABSTRACT

- ☞ The glomus tumour is a rare benign neoplasm that arises from the neuroarterial structure called a glomus body, which accounts for 1 % to 4.5 % of tumors in the hand.
- ☞ The normal glomus body is located in the stratum reticulare throughout the body, but is more concentrated in the digits.
- ☞ They are believed to function in thermal regulation. The average age at presentation is from 30 to 50 years of age, although can occur at any age.

KEYWORDS

CASE DESCRIPTION :

- ☞ We are presenting a case of a 30yr old female with pain on the volar tip of middle finger of right hand.
- ☞ Pain was of On-Off nature firstly but was contionous and sharp from last 5 years.

EXAMINATION:

- ☞ Tenderness which was severe present on the medial aspect of tip of middle finger of right hand.
- ☞ Skin was soft and shiny although no discoloration was present.
- ☞ Temperature was slightly raised as compared to the normal body temperature.
- ☞ No mass was felt on the tip although patient complained of sensation of some grainy mass sometimes.
- ☞ No swelling was present on the volar aspect of the tip of finger.



LABORATORY TEST :

- ☞ Patient was advised for **Duplex Ultrasonography** of the finger.
- ☞ **RESULT**-A well defined hypoechoic lesion measuring 33*16 mm without any obvious vascular uptake on colour doppler study was noted on ulnar aspect of distal phalynx of right middle finger.
- ☞ **FINDINGS**-GLOMUS TUMOUR/PARAGANGLIOMA



USG Report :
A well defined hyper echoic lesion 33*16mm is without any obvious vascular uptake on colour Doppler Study . Sugg astive of Glomus tumour .

SURGICAL MANAGEMENT:

- ☞ Excision remains the first line treatment for glomus tumour.
- ☞ Patient was operated on 17/6/2015 under local anasthesia (ring block)
- ☞ Complete excision was done under microscope and 2 skin sutures were applied.



FOLLOW UP :

- ☞ Patient was advised to review after 7 days.
- ☞ Patient presented on 24/6/2015 and suture removal was done .
- ☞ Patient was complaining of slight pain which was mainly due to wound.

**FOLLOW UP AFTER 4 WEEKS :**

- ☞ Patient presented after 4 weeks with absolutely no complaint of pain.

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