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.

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 continuous 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 hypoechocic 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

SURGICAL MANAGEMENT:

Excision remains the first line treatment for glomus tumour.
Patient was operated on 17/6/2015 under local anesthesia (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.

REFERENCES