

## Atypical carpal tunnel syndrome

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### INTRODUCTION:

Carpal tunnel syndrome and gout are common diseases. However, gout causing compressive neuropathy in the hand is of rare occasion. We report a case compressive neuropathy of the common digital nerve caused by gouty tophi in the FDS tendon of index finger with concomitant carpal tunnel syndrome.

### REPORT:

A 42 years old gentleman, presented with numbness over left index and middle finger of 1 year duration, associated with occasional shooting sensation to the left index and middle fingers. A palpable globular mass measuring 2cmx2cm at mid palmar region, mobile only in horizontal plane. Reduced sensation of left index and middle fingers recorded. Durkan and Tinel's sign were positive. Intraoperatively, a tophaceous lesion noted on the FDS tendon of index finger, compressing second common digital nerve. No tophaceous lesion noted within carpal tunnel apart from thickened transverse carpal ligament.

### RESULTS

During follow up, complete resolved of symptoms noted with intact finger grip strength. HPE confirmed lesion of gouty tophi.



**Fig.1:** Black arrow showing tophaceous infiltration on FDS tendon. Blue arrow showing compressed digital nerve.



**Fig. 2:** Arrow showing debulked FDS tendon with intact FDS tendon.

### CONCLUSIONS:

In conclusion, a high index of suspicion should be maintained to diagnose gout as the cause of carpal tunnel syndrome.

### REFERENCES

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