

# Dorsal Wrist Lesion, a Ganglion Presenting with Extrapulmonary TB –A Case Report

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## Abstract:

Compound dorsal ganglion around wrist joint accompanying with extrapulmonary Tuberculosis is a concern in tubercular pathology. Sometimes this lesion can compress over neurovascular structures. Weakness, malaise, febrile episodes, wt. loss, poor appetite, nausea are the constitutional symptoms. Definitive diagnosis by excisional biopsy and anti tubercular therapy can cure the disease with follow up.

**Keywords:** variability; correlation coefficient; path analysis; mungbean

## Case Report

A 22 years female, garments worker has been suffering from occasional fever, anorexia, wt. loss and a progressive lesion in rt.wrist joint area for >6 months. Lump size is apprx. 5cmx3cm, not looking in typical ganglionic and for this symptoms she underwent several investigations including endoscopy upper GI and colonoscopy. All investigations are non significant excepting raised ESR. Initial unusual lumpness she advised for FNA which was suspicious and then excisional biopsy done under L/A which reveals granulomatous inflammation consistent with TB. Patient is now referred to TB center for further treatment and follow up.

## Conclusion

Extra pulmonary TB may present with lesion in lymph node of cervical area, axilla and inguinal region. According to WHO, Tuberculosis is major health concern in world population. Extrapulmonary TB is more than >40% in world population of TB.

## References

1. Williamson JC. Chronic tenosynovitis of extensors of hand and fingers("compound dorsal ganglion") *Ann phys Med.* 1961;6:109-15.-pubmed
2. Ahmad j, Shrivastava VK, khanna M, Ayaz A. Tubercular compound dorsal ganglion-a review. *indian j orthop rheumatol.*2019;5:22-5.
3. Higuchi S,Ishihara S, Kobayashi H,Arai T.A mass lesion of the wrist : A rare manifestation of TB. *Intern Med.*2008 ;47 : 313-6. Pubmed .
4. L.H . Pimm and W .Waugh ,” Tuberculous tenosynovitis.” *The journal of bone and joint surgery*,vol 39,no.1,pp. 91-101 ,1957.
5. S . Aboudola ,A sienko , R carey,and S. Johnson, “tuberculous tenosynovitis,” *Human pathology* , vol.35 ,no 8,pp 1044-1046,2004.



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