

- Abstract -

Intratendinous Ganglion
- A Case Report -

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Ganglion is one of the most common soft tissue tumors which is generated by mucoid degeneration of the joint capsule, tendon or tendon sheath. It usually occurs in the hand and wrist, but it can also occur in any part of extremities. For the most part, symptoms are mild in patients with pain and nerve compression, but for those who do not respond to conservative treatment or who are undergoing cosmetic problems, operative treatment can be indicated.

Intratendinous ganglion is a very rare lesion of unknown etiology. It originates within the tendon and causes soft tissue swelling.

We report one case of ganglion that arose within the extensor digitorum communis of the ring finger. Treatment consisted of excision of the ganglion, which was followed by meticulous repair of the tendon.

Key Words : Ganglion, Intratendinous

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Fig. 1. Ganglion in the extensor communis tendon of ring finger.



Fig. 2. Nodular cystic swelling within the substance of the extensor communis tendon of ring finger.



Fig. 3. Pathologic examination shows cystic lumen with containing thick clear mucoid fluid.

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Table 1. Differential diagnosis of intratendinous ganglion

Neoplasm/cyst	Xanthoma Lipoma Epidermoid cyst Hemangioma Lymphangioma Fibroma Osteochondroma Synovial sarcoma Malignant histiocytoma, chondrosarcoma
After trauma	Scar Foreign body granuloma
Infection	Tuberculosis Fungi Secondary syphilis
Inflammation	Rheumatoid nodules Gout

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