

CASE 2

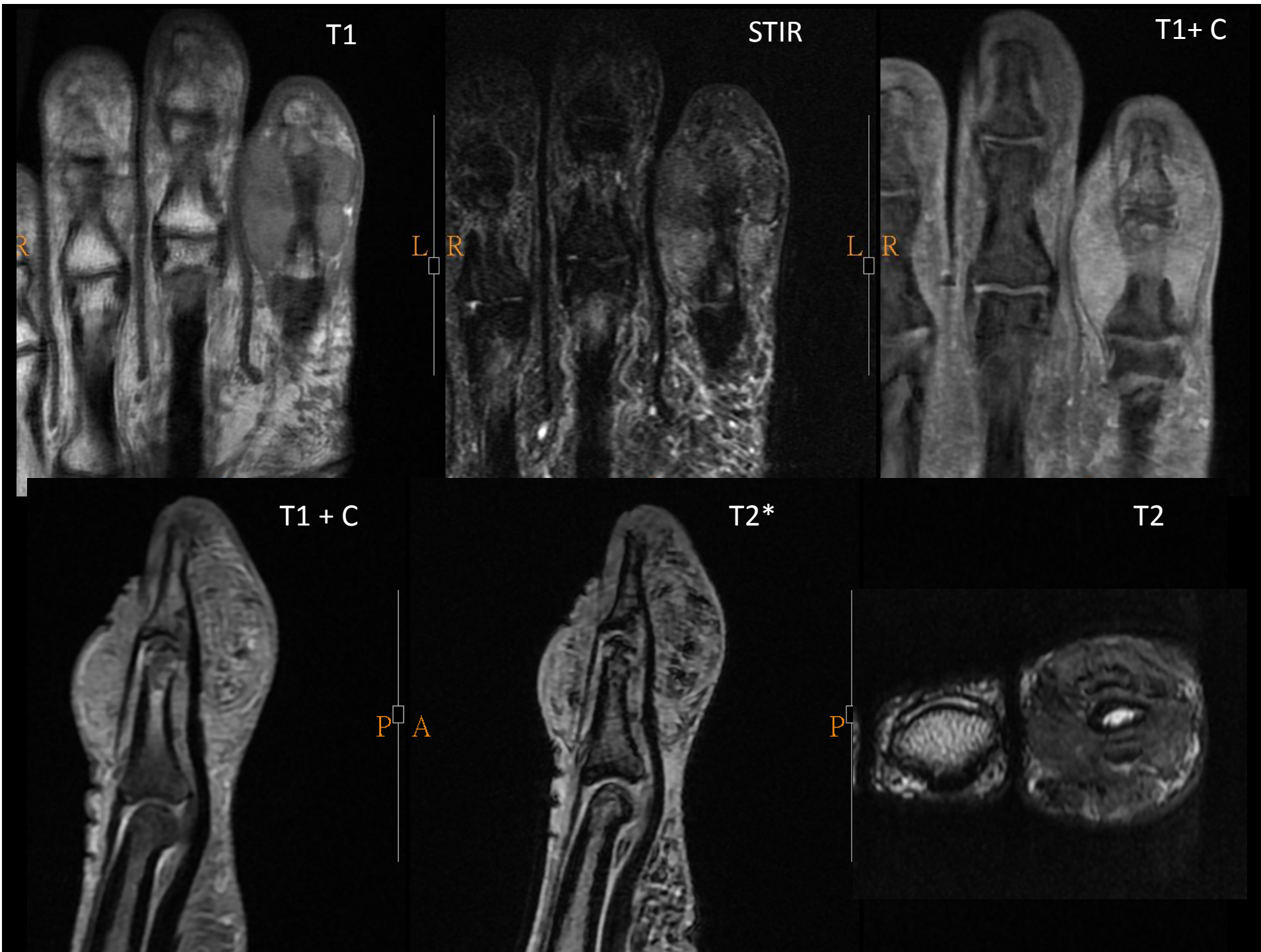
74 Y/O MAN

GIANT CELL TUMOR OF TENDON SHEATH

Brief history

- 74 years old man
- Chief complain
 - Left index tumor for a year, with insect bite history

– 2018-06 MRI+C



- DDX:
 - Giant cell tumor of tendon sheath
 - Fibroma of tendon sheath
 - Glomus tumor

Giant Cell Tumor of Tendon Sheath

- Benign synovial proliferation within tendon sheath, most commonly involving fingers (85%)(Extrarticular localized PVNS)
- Imaging:
 - Lobulated mass with low to intermediate signal intensity on T1WI and T2WI MR
 - \pm hypointense fibrous septations
 - Lacks surrounding edema
 - Low signal hemosiderin foci "bloom" on gradient-echo imaging
 - Intense enhancement which may be heterogeneous