

43rd Annual Meeting, Huntington Beach, California  
Society of Skeletal Radiology

March 29 - April 1, 2020

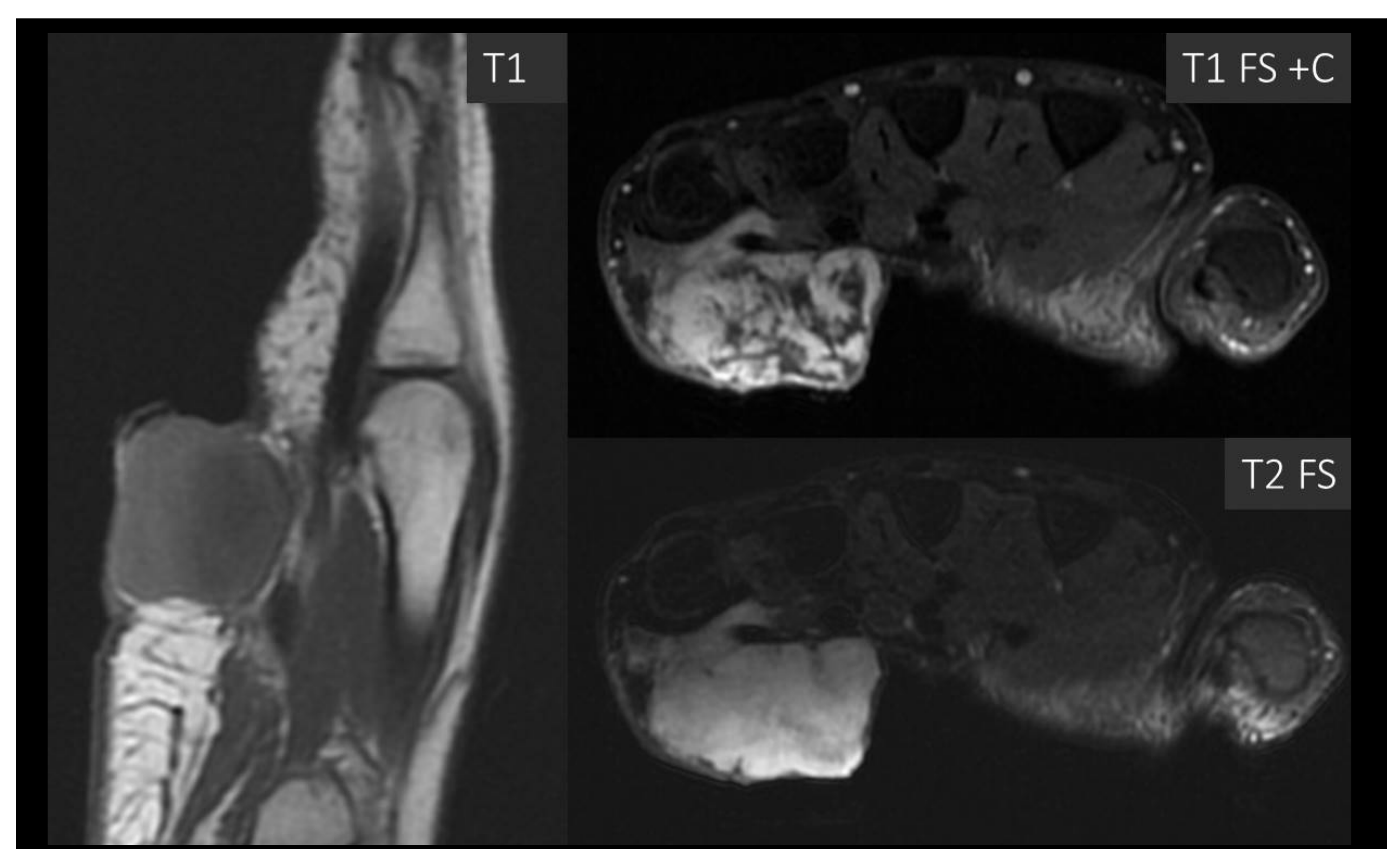
# CASE OF THE DAY: MONDAY

 #SSRBONE20COD3

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## HISTORY

- 37-year-old man
- Rapidly growing (over six weeks) volar right hand mass
- No systemic or constitutional symptoms



## DIAGNOSIS

### Nodular Fasciitis

- Benign subcutaneous, fascial, or intramuscular tumor with clonal fibroblastic / myofibroblastic proliferation (recurrent MYHP - USP6 gene fusion)
- Volar forearm (46%), head/neck (20%), trunk (18%), lower extremity (16%)
- MR appearance depends on composition – can be myxoid, cellular, fibrous, or a combination
- Fascial tail sign – suggests nodular fasciitis in the appropriate setting
- Can mimic sarcoma due to rapid growth, mitotic activity, high cellularity
- Can regress spontaneously, but often surgically resected with low recurrence rate

