Pigmented Villonodular Synovitis
In Forefoot – case report

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My disclosure is in the Final AOFAS Program Book.

I have no potential conflicts with this presentation.
Introduction

- Pigmented villonodular synovitis (PVNS) is a slowly, progressive, proliferative disorder of synovial tissue characterized by villous or nodular changes of synovial-lined joints, bursae, and tendon sheaths and most frequently affects the large joints, with the knee and hip.
Introduction

- A few studies have been reported that occurred PVNS in small joint, but mainly in hands.

- It is a very rare condition that occurs in the small joints of the forefoot. We have experienced the case and present a case of PVNS in forefoot.
Case

- 58 years old, Male
- Chief complain ; palpable mass on forefoot
- Hypertension/ Diabetes(-/+)
- Rheumatoid arthritis(-)
- Major Trauma History(-) but, High activity(+, climbing)
Case

- Plain radiography

- Ultrasonographic finding
Intraoperative finding
Histopathologic finding

PVNS

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There was misdiagnosed by ultrasonography, such as ganglion, inclusion cyst, fibroma. However, there was confirmed by microphic finding, *PVNS*.

we`ve performed total synovectomy, only. After 5 years postoperatively, there was no recurrence.
References