M5 Case Report: Remitting Seronegative Symmetrical Synovitis with Pitting Edema (RS3PE) in an old male patient.

Topic	medical
Presentation	oral
Quality project	Ik neem deel aan de « Grant College for Quality Project »
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Abstract body

A 98-year-old man presented himself with rapidly progressing painful, swollen fingers of both hands and pitting edema of the right lower limb. After exclusion of common causes, Remitting Seronegative Symmetrical Synovitis with Pitting Edema (RS3PE) syndrome was diagnosed. Treatment with 8 mg Methylprednisolon daily for 4 weeks led to significant recovery.

RS3PE mainly affects older people (>60 years of age) and can resemble other forms of polyarthritis, Characteristic clinical features are painful edema of both hands, sudden onset, RF negativity, and radiological absence of articular destruction or alteration. As our case report demonstrates, body parts can be affected asymmetrically. RSP3PE responds well to steroid treatment. In some cases RS3PE occurs as a paraneoplastic syndrome, as it has been reported with various carcinomas (gastric, endometrial, pancreatic). In this patient we found no evidence for a neoplastic process.