

中文題目：反覆關節腔內注射引起之真菌感染

英文題目：A swollen knee in a 57-year-old gouty arthritis patient receiving intra-articular injection

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### **Abstract**

The etiology of septic arthritis was mostly caused by bacteria via hematogenous seeding or direct inoculation. Fungal septic arthritis was relatively rare. Herein, we reported a case of immunocompetent 57-year-old man with gouty arthritis under frequent intra-articular injection treatment, who presented with right knee pain and swelling. Arthrocentesis was performed and the analysis favored septic arthritis, combined with gouty arthritis. Empiric antibiotics, colchicine and steroid were prescribed initially, but the improvement of clinical symptoms was limited. Synovial culture yield *Scedosporium species* later. Clinical symptoms had much improved after voriconazole treatment and surgical intervention. Septic arthritis by fungi was mostly in immunocompromised patient with disseminated infection. Or, some patients might be influenced after trauma or iatrogenic procedure. The current case highlighted that early diagnosis companied with appropriate antifungal agent and debridement could keep the patient away from morbidity.