

Intraarticular Steroid Injection in Hip and Knee with Fluoroscopic Guidance: Reassessing Safety



Left: Radiograph with joint space narrowing (red arrows) and osteophytes (white arrows). Right: Radiograph obtained 4 months after the procedure shows severe and progressive joint space narrowing (red arrows) and osteophytes (white arrows).

- In a retrospective study of 1000 patients with corticosteroid injection in the hip or knee, 10 patients (1%) developed severe complications (four with osteonecrosis, three with insufficiency fractures, and three with rapid progressive osteoarthritis).
- All complications occurred between 2 and 9 months after injection, with six (60%) complications in the hip and four (40%) in the knee.
- A total of 545 (54%) patients were women, but they developed nine of the 10 (90%) complications ($P = .02$).

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Albert A Gayle



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