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### Two-stage revision after recurrent chronic hip infection: A case study

**Jamal Fitts**

Morehouse School of Medicine, USA

**Background:** Peri-prosthetic joint infection (PJI) is the third leading reason for revision of total hip arthroplasty (THA). Two-stage exchange arthroplasty has become the “gold standard” for treatment of a chronically infected THA. This case demonstrates a classical presentation of a two-stage revision arthroplasty for the treatment of PJI.

**Methods & Patients:** The patient presented to clinic with blood and purulence draining from a wound on his right hip. He previously had a THA and has had recurrent chronic infection. After evaluation of his blood sample and fluid aspirated from his hip, it was decided that it would be most appropriate to undergo a two-stage exchange arthroplasty.

**Management & Outcome:** The previous hip implant was removed. The antibiotic cement spacer was placed in without incident.

**Discussion:** After lab testing shows that the infection has been eradicated, the permanent prosthesis will be implanted. Two-stage revision is just one of the means of treatment for infection. The route of treatment depends on multiple factors that must be considered when managing the patient’s infection.

### Biography

Jamal Fitts has completed his BS from the University of Alabama at Birmingham. He is currently pursuing Medicine at Morehouse School of Medicine. He is an N<sup>th</sup> Dimension Scholar of American Academy of Orthopedic Surgeons. He presented this poster at the National Medical Association 113<sup>th</sup> Annual Convention and Scientific Assembly.

[JFitts@msm.edu](mailto:JFitts@msm.edu)

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