

# Cemented or Uncemented Hemiarthroplasty for Intracapsular Hip Fracture

Coordinated by the  
**University of Oxford**



## 1225

(60+ years, with intracapsular hip fracture)  
recruited in **14 hospitals** in England



## 610

 cemented hemiarthroplasty

**Randomised**



## 615

 modern uncemented hemiarthroplasty

Quality of life was **significantly better in the cemented group** compared to the **uncemented at 1 month and 4 months**, but there was little difference at 1 year

There were 146 deaths (23.9%) in the cemented group and 171 deaths (27.8%) in the uncemented group at 12 months



**Lower risk of fracture around the implant** in cemented than uncemented hemiarthroplasty (**0.5% vs 2.1%**)



## Conclusion

We found that **cemented hemiarthroplasty** resulted in **significantly better quality of life** and a **lower risk of fracture around the implant** than uncemented hemiarthroplasty among patients 60 years of age or older with a displaced intracapsular hip fracture.

