

Hip



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Femoral offset: Anatomical concept, definition, assessment, implications for preoperative templating and hip arthroplasty.

Lecerf G. et al.

Summary

In this collection of independent anatomic, radiological and clinical works the implications of femoral offset for THA and preoperative templating are assessed.

The authors compile how to measure femoral offset and show the impact and methods of restoring the femoral offset in THA.

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Conclusion

Femoral offset restoration is essential for function, joint stability and implant longevity.

“[...] femoral offset restoration is essential to improve function and longevity of hip arthroplasty”

“Femoral offset restoration is recognized as an important part of THA procedure to improve joint stability and implant longevity.”

Navigation systems permit proper restorations of limb length and improve femoral offset restoration, as well.

“[...] the use of a navigational system allows proper restoration of limb length in all patients, by intraoperatively informing the surgeon of the changes to bring to reach the planned objectives. It also improves both offset and length which restoration is only limited by intraoperative selection of the available prostheses.”