Case Study 1 — Conclusions

Case study 1 postoperative x-ray

Summary

- Templated to +4 leg length/Extended offset neck implant (C neck)
- Slightly higher neck osteotomy than templated
- Implant +0 leg length/Extended offset neck (G neck) to decrease leg length without affecting offset

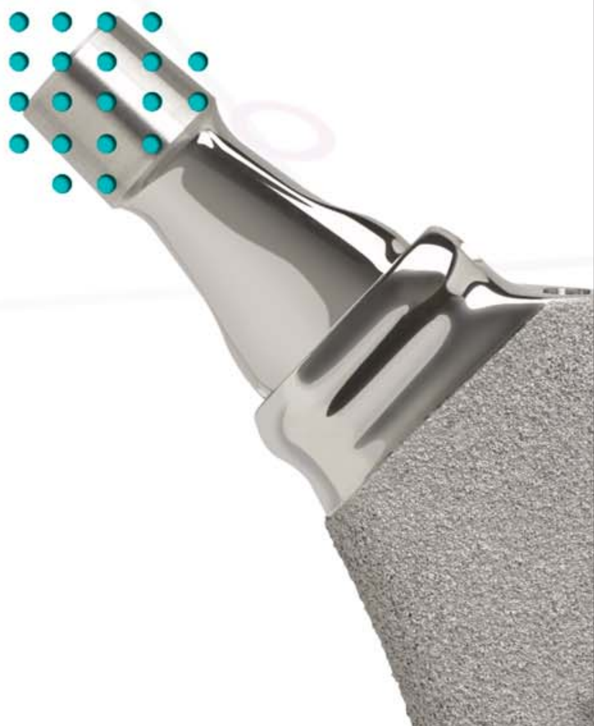
Conclusion

- Intraoperative flexibility to readily respond to implant position and optimize hip reconstruction

Kinectiv Solution

Allows the surgeon to

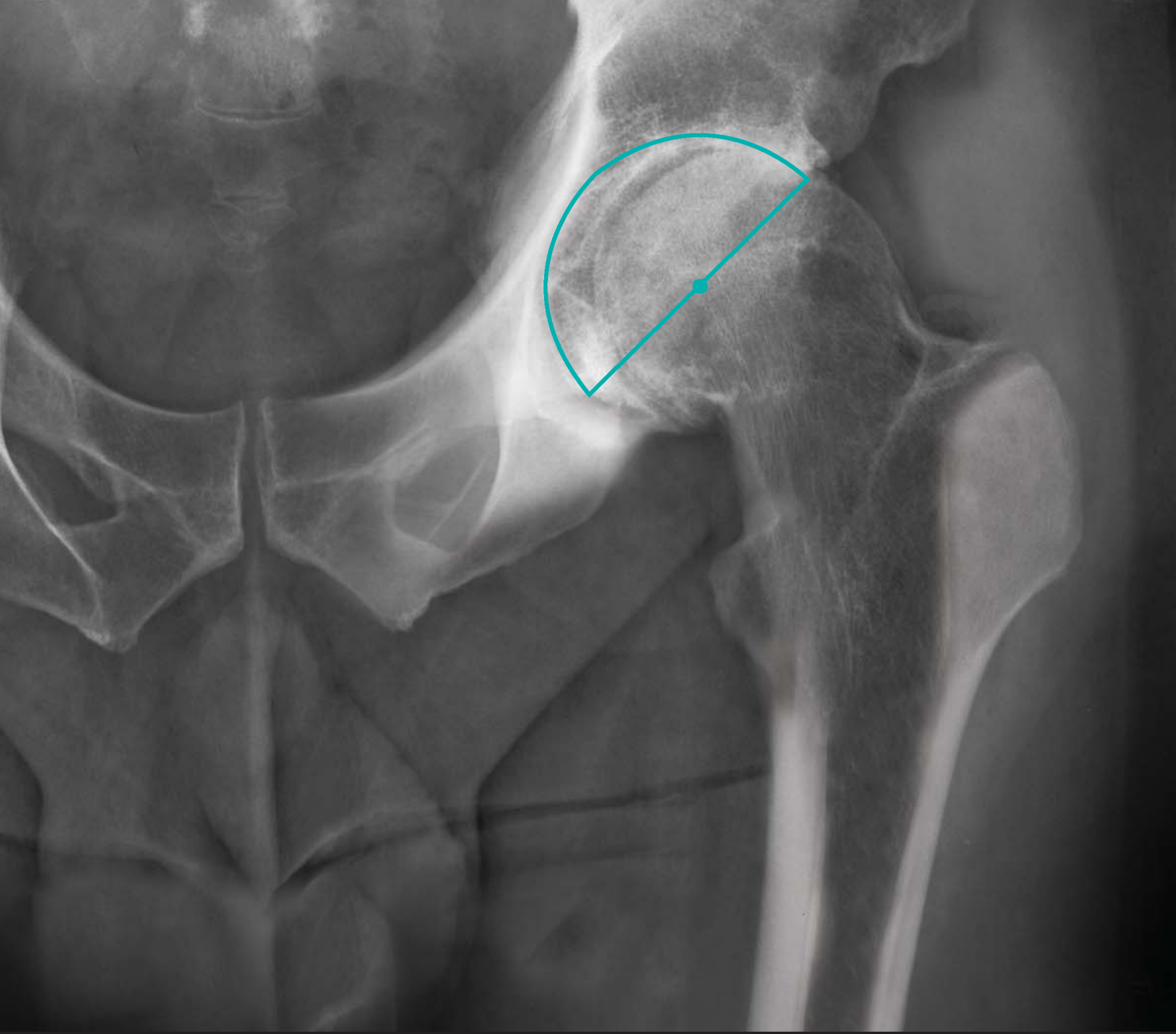
- Simply decrease leg length by changing the neck
- Without undesired decrease in offset
- And no additional bone removal



Leg Length Adjustment

Clinical Information	
Age	59
Gender	Male
Preoperative Diagnosis	Osteoarthritis
Operative Side	Left
Procedure	MIS Posterior

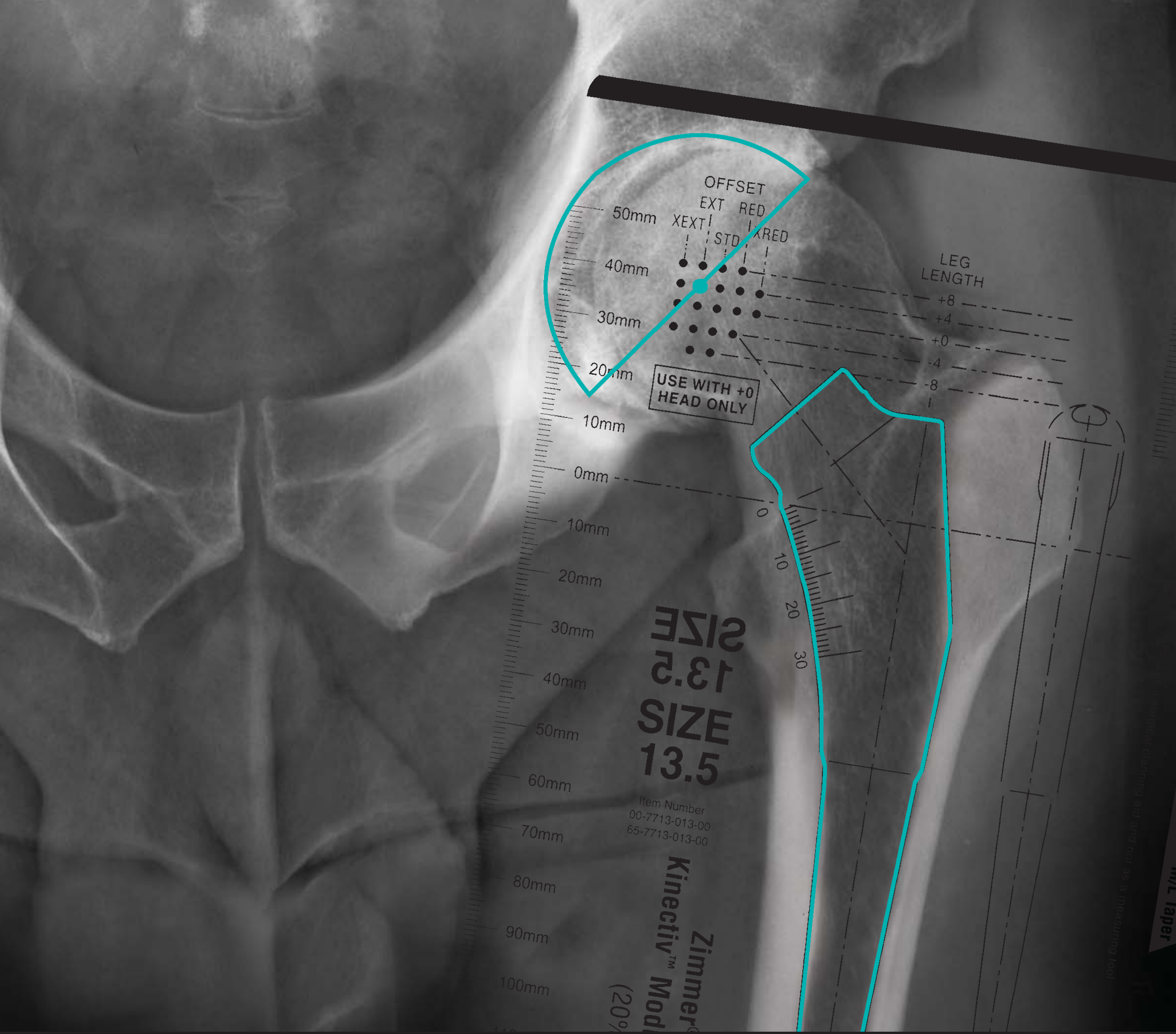
Implant Information
Acetabular Cup (Size)
Femoral Implant (Size)
Femoral Head Implant
Kinectiv Neck



Leg Length Adjustment

Clinical Information	
Age	59
Gender	Male
Preoperative Diagnosis	Osteoarthritis
Operative Side	Left
Procedure	MIS Posterior

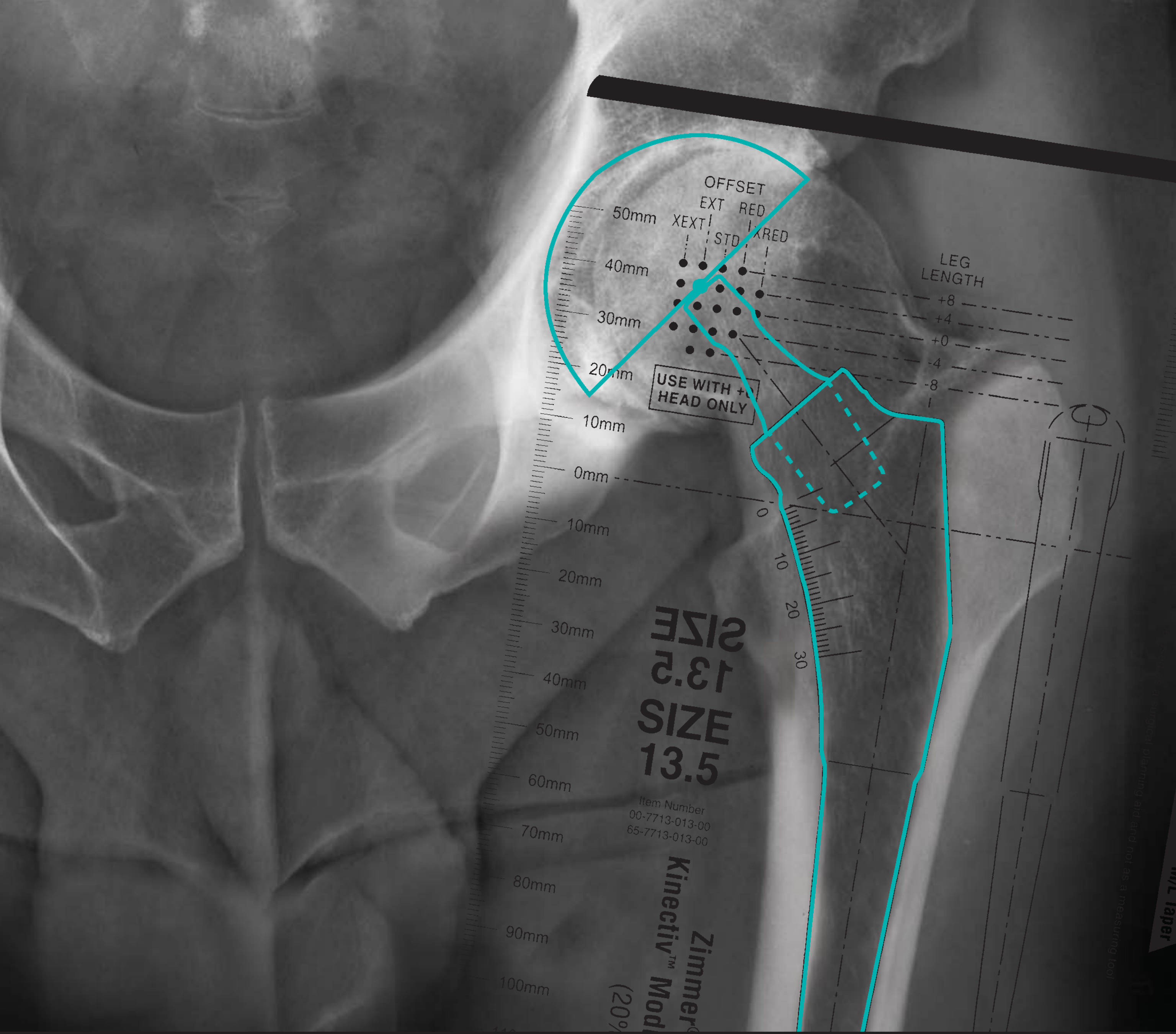
Implant Information	
Acetabular Cup (Size)	*Trilogy*® Acetabular Cluster Holed Shell (60mm)
Femoral Implant (Size)	
Femoral Head Implant	
Kinectiv Neck	



Leg Length Adjustment

Clinical Information	
Age	59
Gender	Male
Preoperative Diagnosis	Osteoarthritis
Operative Side	Left
Procedure	MIS Posterior

Implant Information	
Acetabular Cup (Size)	*Trilogy*® Acetabular Cluster Holed Shell (60mm)
Femoral Implant (Size)	M/L Taper with *Kinectiv* Technology (Size 13.5)
Femoral Head Implant	
Kinectiv Neck	



Leg Length Adjustment

Clinical Information	
Age	59
Gender	Male
Preoperative Diagnosis	Osteoarthritis
Operative Side	Left
Procedure	MIS Posterior

Implant Information	
Acetabular Cup (Size)	*Trilogy*® Acetabular Cluster Holed Shell (60mm)
Femoral Implant (Size)	
Femoral Head Implant	CoCr Femoral Head 40mm, +0
Kinectiv Neck	+0 Leg Length/Extended Offset (G neck)*

***+0 Leg Length/Extended Offset (G Neck) selected intraoperatively to optimize leg length without affecting offset — see post-operative conclusions**