



 **smith&nephew**  
**ANTHOLOGY<sup>®</sup>**  
Primary Hip System

Innovative by design



# Patients come in all sizes and shapes

This universal truth is often overlooked. The ANTHOLOGY® Primary Hip System offers more size options than the competition – 14 different sizes, plus dual offset options for each size. Design innovations – such as reduced stem lengths, reduced distal widths and optimum neck geometries and lengths – allow surgeons to more closely match the patient's anatomy for a better fit and better fixation.

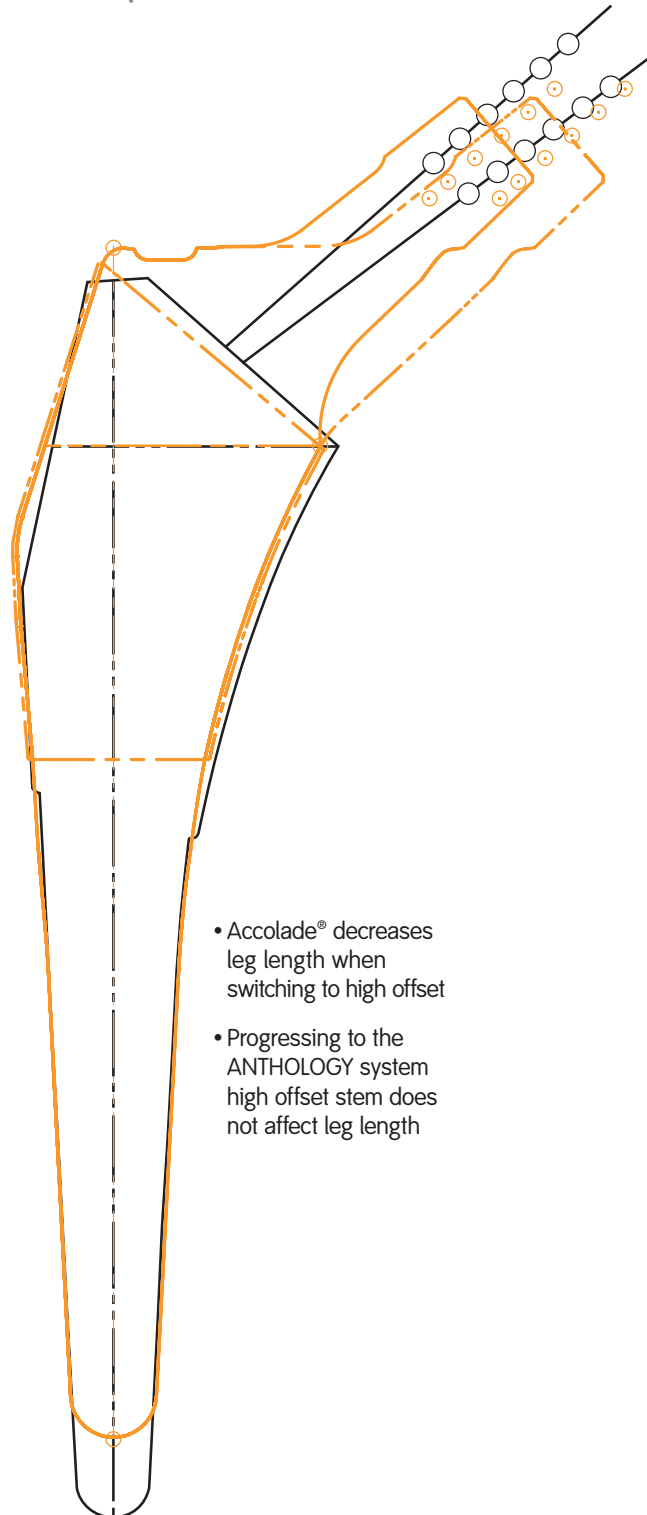
## Stem length and distal geometry

The length and distal width of many hip systems prevent surgeons from achieving the maximum metaphyseal fit while avoiding diaphyseal fixation. We have designed our ANTHOLOGY system with shortened stem lengths and slimmer distal widths in relation to the proximal widths. This design allows surgeons to select a larger and more appropriate proximal size.

## Anatomically correct neck lengths

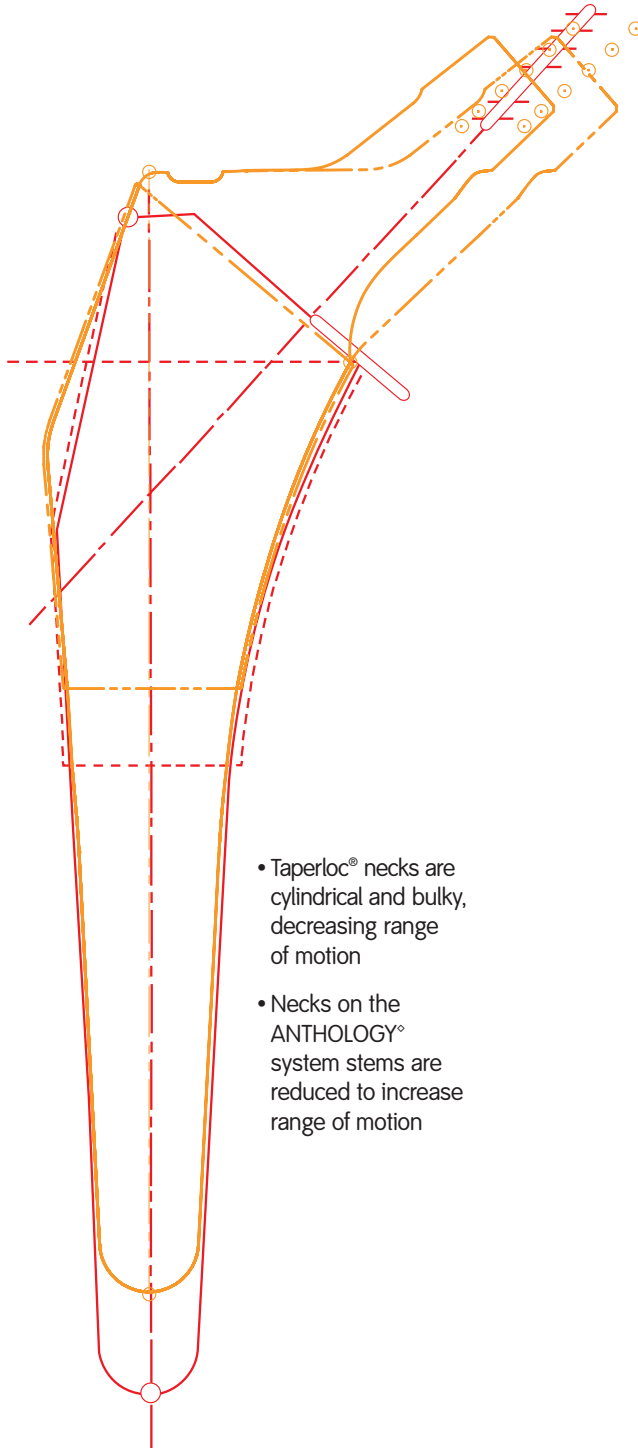
Many competitive systems feature stems with comparatively long neck lengths. This length makes it difficult for surgeons to choose proper stem sizes, make conservative neck resections and restore proper leg length. The ANTHOLOGY system incorporates consistent 131° neck angles, dual offsets and more appropriate neck lengths that have proven to ensure proper restoration of leg length and biomechanics in the vast majority of patients.\*

\*Bourne RB, Rorabeck CH. Soft tissue balancing: the hip. *J Arthroplasty*. 2002 Jun;17(4 Suppl 1):17–22.



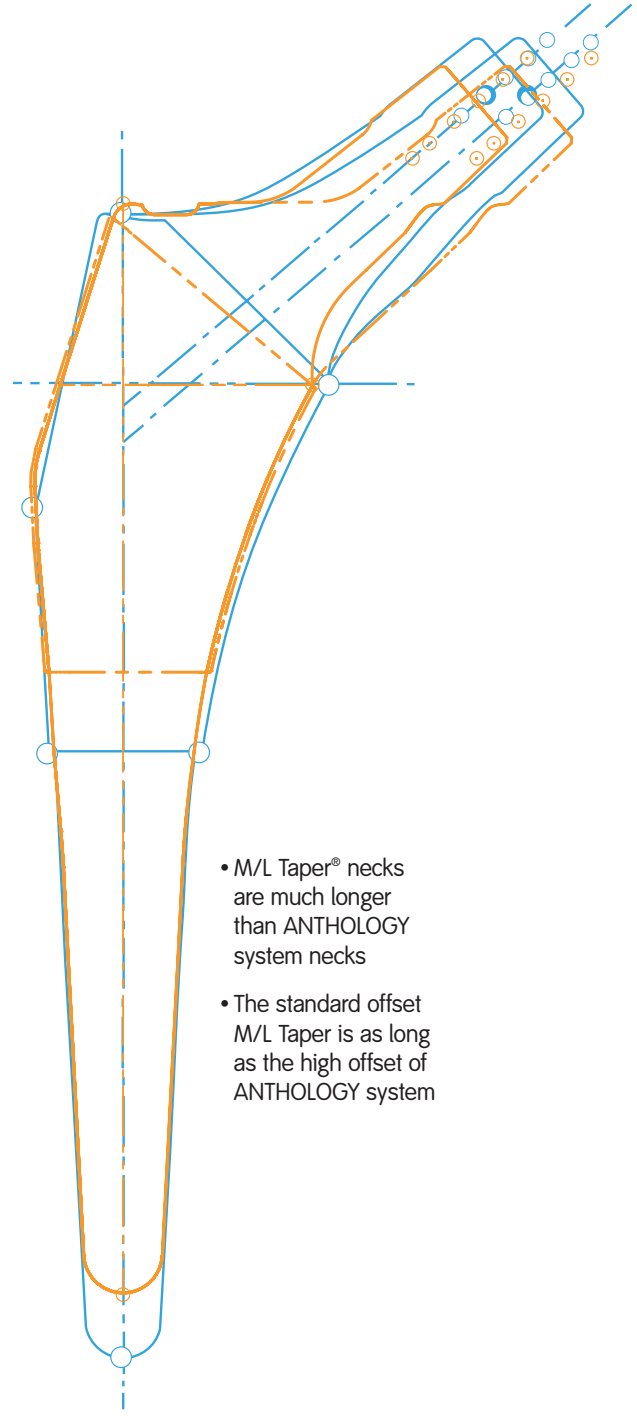
- Accolade® decreases leg length when switching to high offset
- Progressing to the ANTHOLOGY system high offset stem does not affect leg length

ANTHOLOGY system stem size 7 (orange)  
and Accolade stem size 3 (black)



- Taperloc® necks are cylindrical and bulky, decreasing range of motion
- Necks on the ANTHOLOGY® system stems are reduced to increase range of motion

ANTHOLOGY system stem size 10 (orange) and Taperloc stem size 15 (red)



- M/L Taper® necks are much longer than ANTHOLOGY system necks
- The standard offset M/L Taper is as long as the high offset of ANTHOLOGY system

ANTHOLOGY system stem size 7 (orange) and M/L Taper stem size 11 (blue)

**Orthopaedic Reconstruction**

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