Inspired by Anatomy

BIOLOX CONTOURA®

ANATOMICALLY CONTOURED HEAD FOR TOTAL HIP ARTHROPLASTY

THA aims to restore the natural function of the hip by replacing the diseased joint with an artificial implant. BIOLOX CONTOURA® is a contoured femoral ceramic head mimicking the anatomical shape of the proximal femur. BIOLOX CONTOURA® was cleared for use in the USA by the FDA in August 2019.

It was conceived and developed at the Harris Orthopaedics Laboratory at Massachusetts General Hospital in Boston (MA, USA), by Drs. Orhun Muratoglu, Andrew Freiberg, Kartik M. Varadarajan, Harry Rubash and Henrik Malchau, and in cooperation with CeramTec GmbH.

"It is just that we have come to assume that the femoral head should look like a sphere, but the truth is that it does not exactly reflect what the native hip looks like."

Orhun Muratoglu

1 Smooth transition

BIOLOX CONTOURA® femoral heads retain the outer diameter profile of conventional implants and incorporate a contoured shoulder with a lesser radius; a design conceived with the goal of reducing the volume of material potentially exposed to the soft tissue. The contoured design provides a smooth transition throughout the femoral head and the head-neck junction.

2 Material

Made of the proven material BIOLOX® delta, with excellent biocompatibility, low immunological response, high wear resistance and reduced bacterial adhesion.
References


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**CURRENT PORTFOLIO**

28, 32, 36, 40, 44 mm

Multiple Neck Lengths: S, M, L, XL