MEDICINE

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Advanced Edit

~~For c~~Cementless total hip arthroplasty (THA)~~,~~ can be performed using ~~a large variety of~~ femoral component~~s~~ with a large variety of designs ~~have been developed~~. The Anatomic Fiber Metal plus stem (Zimmer) is ~~one of the~~ an anatomically designed femoral component~~s~~ that ~~to~~ can be ~~inserted~~ implanted without cement. ~~The concept of t~~This stem ~~was~~ is designed to achieve stable fixation through~~by~~ metaphyseal fit and fill. It~~s has a~~ configuration matches~~ing~~ that of ~~a~~ the medullary canal of a normal femur, and ~~circumferential~~ the circumference of its ~~fiber mesh coating on the~~ proximal one-third is coated with fiber mesh. The neck of the stem has an anteversion of ~~twelve~~ 12 degrees. The ~~press-fit and~~ outcomes of THA performed using a press-fit femoral ~~this~~ stem ~~were~~ have been reported to be good for ~~the~~ primary osteoarthritis in select~~ed~~ Caucasian patients; ~~,~~ h~~H~~owever, ~~there were a~~ few reports are available on the outcomes of ~~THA using this stem~~ this procedure in Japanese patients. Since ~~The majority of the~~ most Japanese patients with ~~hips with~~ hip osteoarthritis ~~are~~ have dysplastic hips ~~in Japanese patients. Therefore~~, the outcomes ~~results~~ of this procedure in Japanese patients might ~~be different~~ differ from those in Caucasian patients.

Therefore, ~~W~~we studied the outcomes of cementless ~~total hip arthroplasty (~~THA~~)~~ performed using the Anatomic Fiber Metal plus stem in Japanese patients and examined the possible effects of metaphyseal fit on the outcomes.

Comment [A1]: Please verify if these words should also be title cased.

Comment [A2]: Please include the location details of the manufacturer.

Comment [A3]: In scientific writing, the term "Caucasian" should preferably be restricted to people from the Caucasus region. Please check if you simply meant "white."