

Premium Edit

For ~~e~~Cementless total hip arthroplasty (THA), can be performed using femoral components with a large variety of ~~femoral component designs have been developed,~~ one such component being a press-fit femoral stem. ~~The Anatomic Fiber Metal plus stem (Zimmer) is one of the anatomically designed femoral components to be inserted without cement. The concept of this stem was to achieve stable fixation by metaphyseal fit and fill. It has a configuration matching a medullar canal of a normal femur and circumferential fiber-mesh coating on the proximal one-third. The neck of the stem has an anteversion of twelve degrees.~~ The ~~press-fit and~~ outcomes of ~~cementless~~ THA ~~performed~~ using this ~~type of~~ stem were reported to be good for ~~the~~ primary osteoarthritis in selected ~~Caucasian~~ patients. ~~However, but there were a are~~ few reports 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 ~~results effectiveness~~ of this procedure in ~~Japanese patients~~ might ~~be different differ~~ from ~~those that~~ in Caucasian patients.

Comment [A1]: This paragraph provides the background of the study, and since the highlighted information is very specific to your study, it may distract the reader. I have inserted this description after the context for the study has been established, where it is more relevant.

Comment [A2]: In scientific writing, the term "Caucasian" should preferably be restricted to people from the Caucasus region. Please check if you simply meant "white."

~~Therefore, W~~we studied ~~the~~ outcomes of cementless ~~total hip arthroplasty (THA)~~ ~~performed~~ using a ~~press-fit femoral stem, the (the Anatomic Fiber Metal plus stem, (Zimmer)~~ in Japanese patients and ~~examined the~~ possible effects of metaphyseal fit on ~~the~~ outcomes. ~~This stem is designed such that stable fixation can be achieved by metaphyseal fit and fill. It has a configuration matching that of the medullary canal of a normal femur; the circumference of its proximal one-third is coated with fiber mesh; and its neck has an anteversion of 12 degrees.~~

Comment [A3]: Please verify if these words should also be title-cased.

Comment [A4]: Please include the location details of the manufacturer.