

MEDICINE

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Advanced Edit

~~For~~ ~~c~~ementless total hip arthroplasty (THA), ~~can be performed using a large variety of~~ femoral components ~~with a large variety of~~ designs ~~have been developed~~. The Anatomic Fiber Metal ~~plus stem~~ (Zimmer) is ~~one of the an~~ anatomically designed femoral components ~~that to can be inserted implanted~~ without cement. ~~The concept of t~~This stem ~~was is designed~~ to achieve stable fixation ~~throughby~~ metaphyseal fit and fill. Its ~~has a~~ configuration match~~esing 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 selected ~~Caucasian~~ patients; ~~h~~However, ~~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."

Source: [Fixation of an Anatomically Designed Cementless Stem in Total Hip Arthroplasty](#) by Shigeru Nakamura, Noriyuki Arai, Takateru Kobayashi, and Takashi Matsushita, used under [CC-BY](#)