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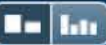
Retrospective Study

Impact of ³medial open wedge high tibial osteotomy for medial compartment osteoarthritis of the knee

Nikose SS *et al.* Open wedge high tibial osteotomy for knee osteoarthritis

Sunil Sheshrao Nikose, Devashree Nikose, Aditya L Kekatpure, Shashank Jain, Kiran Saoji, Sridhar M Reddy

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Figure 2: (A) Preoperative and (B) 3-month postoperative weight bearing radiographs of a 47-year-old man who underwent opening wedge high tibial osteotomy for symptomatic isolated medial compartment osteoarthritis. Preoperative radiographic measurements of lower extremity were the basis for 10° correction of preexisting varus deformity of proximal tibia. Tricalcium phosphate substitution of osteotomy was used to promote rapid bone healing. TonicFix Medial High Tibial Plate (Synthes) was used for fixation.

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BACKGROUND: Medial opening wedge high tibial osteotomy (OWHTO) is a widely accepted procedure for the treatment of medial compartment arthritis of the knee. Compared with closing



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Dec 14, 2019 · **Medial open wedge high tibial osteotomy** (MOWHTO) is an effective surgical procedure for the treatment of **medial compartment osteoarthritis of the knee** as well as for the correction of lower extremity malalignment [1,2,3]. With favorable clinical outcomes and improved surgical techniques, MOWHTO has become increasingly popular [4,5,6]. Although numerous advantages of MOWHTO have ...

Author: Hyun-Soo Moon, Chong-Hyuk Choi, Min ... **Publish Year:** 2019

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The treatment of isolated **medial compartment osteoarthritis** (OA) in the young or physically active patient is a challenging problem. The rationale for **high tibial osteotomy** (HTO) in **medial compartment** OA with varus deformity is to correct varus malalignment and to redistribute load to the non-diseased lateral **compartment of the knee**.

Cited by: 7

Author: P. M. Robinson, M. C. Papanna, B. V. Soma...

Publish Year: 2011

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Cited by: 1 **Author:** Hyun-Soo Moon, Chong-Hyuk Choi, Min ...
Publish Year: 2019

Medial Opening Wedge High Tibial Osteotomy for Medial ...

<https://journals.sagepub.com/doi/10.1177/0363546513516577>

Jan 21, 2014 · **Medial opening wedge high tibial osteotomy** (OWHTO) is a widely accepted procedure for the treatment of **medial compartment arthritis** of the knee. Compared with closing **wedge HTO**, however, the outcomes of OWHTO reported in the literature are incomplete.

Cited by: 115 **Author:** Davide Edoardo Bonasia, Federico Detto...
Publish Year: 2014

[PDF] Medial Opening Wedge High Tibial Osteotomy: A Prospective ...

<https://www.onlinelibrary.wiley.com/doi/epdf/10.1002/art.24466>

To evaluate the effect of **medial opening wedge high tibial osteotomy** on gait, radiographic, and patient-reported outcomes over a 2-year postoperative period in patients with varus alignment and **medial compartment knee osteoarthritis**, and to identify significant predictors of outcome. Methods.

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