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Change in gait after High Tibial Osteotomy: A systematic Review and Meta-Analysis

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Highlights

- Gait biomechanics improved after high tibial osteotomy
- Walking speed and knee adduction moment showed consistent change
- Walking speed and stride length increased after high tibial osteotomy
- Knee adduction moment decreased after high tibial osteotomy

Abstract

We conducted a meta-analysis to analyze how high tibial osteotomy (HTO) changes gait and focused on the following questions: (1) How does HTO change basic gait variables? (2) How does HTO change the gait variables in the knee joint? Twelve articles were included in the final

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