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White Paper Journal
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Title

**FRACTURE OF THE POLYETHYLENE TIBIAL POST
IN A NEXGEN® POSTERIOR-STABILIZED KNEE PROSTHESIS**

Authors

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Publication

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Purpose/Premise

This article reports on the evaluation of spine breakage in a posterior-stabilized tibial articular surface.

Material and Methods

The failed component was evaluated using scanning electron micrographs to determine the initiation area of tibial post fracture.

Outcomes

Analysis of the micrographs showed that the initiation area of the tibial post fracture was the anterior aspect at the base.

Conclusion/Recommendation

The authors concluded that the fracture was most likely caused by repetitive anterior impingement of the femoral cam on the post of the tibial articular surface.

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