Effect of fatigue on knee joint weight-bearing position sense: analysis and clinical relevance of a new assessment method

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No outcome differences emerged in knee joint position sense before and after fatigue, no differences between left and right knee positioning sense emerged either, but the quantity of physical activity had a slight influence on joint position sense.

The utilized assessment method allowed us to objectively and visibly quantify the measurements. This kind of assessment, due to its clinical applicability, could be implemented in the clinical practice as a tool to assess functional knee proprioception in weight-bearing conditions.

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