

Evidence Discussion (MS 17)

- X-ray (standing anteroposterior radiograph) is the most reliable choice for evaluation of limb length discrepancy.¹ Imaging may be done using a CT scanogram as an analogue to conventional x-ray.
- Advanced imaging modalities are not indicated for evaluating limb length discrepancy. Alfuth, et al state that MRI “may be more expensive, may require sedation in some patients, often needs a longer time to schedule and to carry out the examination, and may be not allowed in patients with specific implanted devices”¹.

References

1. Alfuth M, Fichter P, Knicker A. Leg length discrepancy: A systematic review on the validity and reliability of clinical assessments and imaging diagnostics used in clinical practice. PLoS One. 2021 Dec 20;16(12):e0261457. doi: 10.1371/journal.pone.0261457. PMID: 34928991; PMCID: PMC8687568.