Use of Ottawa Ankle Rules by non-physician providers in a paediatric emergency department

The Ottawa Ankle Rules

Lateral view

Medial view

Tenderness in area means X-ray is indicated

High sensitivity in both the foot and ankle rules

Foot

100% sensitivity

Ankle

88% sensitivity

Poor inter-rater reliability

κ = 0.49 for foot

κ = 0.24 for ankle

Take Home Message: With training, non-physician providers can apply the Ottawa Ankle Rules to assess the need for ankle radiographs prior to being seen by a doctor.

MacLellan et al. CJEM. May 2018
https://doi.org/10.1017/cem.2017.399
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