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FOOT ASSESSMENT



Reliability and usage of clinical parameters

Several methods and protocols are being used in clinical practice to analyze feet. Not only does the selection of the method mainly depend on the experience of the clinician, the terminology can also

differ. We asked ten experts to assess the feet of a single group of healthy subjects and performed a statistical analysis.

WHICH EXPERTS PARTICIPATED



WHICH SUBJECTS PARTICIPATED



subjects without foot deformities

all experts assessed all subjects

WHICH FOOT CHARACTERISTICS









13 mobility characteristics e.g. Range of motion (ROM) MTP1

26 dynamic characteristics e.g. Rear foot, initial contact (varus/valgus)

3

multiple choice questions e.g. yes/no, varus/normal/valgus



heels move in lateral direction when standing on toes (yes/no)

unreliable

(moderately/very) reliable

unknown (not popular/diverse)

DISCUSSION It is hard to make a strict separation between reliable and unreliable characteristics. We need to be careful when we state that a characteristic is unreliable as this may be due to a lack of a specific foot type in the dataset. We tried to solve this by introducing the diversity and popularity as additional criteria.

ASSOCIATIE

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