

Development and evaluation of a tool for the assessment of footwear characteristics

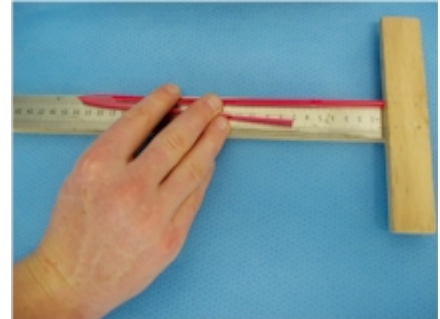
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Palpation of footwear length



Straw method of measuring footwear length (A)



Straw method of measuring footwear length (B)



Custom-built Brannock-style device



Measurement of thumb width



Measurement of footwear width



Measurement of footwear weight



Measurement of footwear length using custom built Brannock-style device



Measurement of heel height



Measurement of forefoot height



Measurement of last shape



Measurement of sole flexion point



Measurement of heel counter stiffness



Measurement of midfoot sole sagittal stability



Measurement of midfoot sole torsional stability



Subjective measurement of lateral midsole hardness



Measurement of lateral midsole hardness using a penetrometer



Subjective measurement of heel sole hardness