

## Diagnostic Test

Citation: Weinberg ER, Tunik MG, Tsung JW. Accuracy of clinician-performed point-of-care ultrasound for the diagnosis of fractures in children and young adults. *Injury*. 41(8):862-8. 2010. [[pubmed](#)]

<b>How serious is the risk of bias?</b>	
Did participating patients constitute a representative sample of those presenting with a diagnostic dilemma?	
Did investigators compare the test to an appropriate, independent reference standard?	
Were those interpreting the test and reference standard blind to the other results?	
Did all patients receive the same reference standard irrespective of the results of the test results?	
<b>What are the results?</b>	
What likelihood ratios were associated with the range of possible test results?	
<b>How can I apply the results to patient care?</b>	
Will the reproducibility of the test results and its interpretation be satisfactory in my clinical setting?	
Are the study results applicable to patients in my practice?	
Will the test results change my management strategy?	

Will patients be better off as a result of the test?	
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*Adapted from Duke and McMaster Evidence-based Practice Workshops and Users' Guide to the Medical Literature 3<sup>rd</sup> Ed.*