## STARD checklist for reporting of studies of diagnostic accuracy (version January 2003)

Item #		On page #
1	Identify the article as a study of diagnostic accuracy (recommend MeSH	
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2		
INTRODUCTION 2		
	3	
3	The study population: The inclusion and exclusion criteria, setting and	
Participants 3 4 5	, , ,	
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9		
11		
	,	
13	Methods for calculating test reproducibility, if done.	
4.4		
Participants 14  15  16	When study was performed, including beginning and end dates of recruitment.	
	Clinical and demographic characteristics of the study population (at least	
	information on age, gender, spectrum of presenting symptoms).	
	why participants failed to undergo either test (a flow diagram is strongly	
	recommended).	
17	Time-interval between the index tests and the reference standard, and	
	any treatment administered in between.	
18	Distribution of severity of disease (define criteria) in those with the target	
	condition; other diagnoses in participants without the target condition.	
19	A cross tabulation of the results of the index tests (including	
	indeterminate and missing results) by the results of the reference	
20		
	standard.	
21		
Estimates         21           22         23		
		1
	I participants, readers or centers if done	
24	participants, readers or centers, if done.  Estimates of test reproducibility, if done.	
	# 1 2 3 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	# Identify the article as a study of diagnostic accuracy (recommend MeSH heading 'sensitivity and specificity').  2 State the research questions or study aims, such as estimating diagnostic accuracy or comparing accuracy between tests or across participant groups.  3 The study population: The inclusion and exclusion criteria, setting and locations where data were collected.  4 Participant recruitment: Was recruitment based on presenting symptoms, results from previous tests, or the fact that the participants had received the index tests or the reference standard?  5 Participant sampling: Was the study population a consecutive series of participants defined by the selection criteria in item 3 and 4? If not, specify how participants were further selected.  6 Data collection: Was data collection planned before the index test and reference standard were performed (prospective study) or after (retrospective study)?  7 The reference standard and its rationale.  8 Technical specifications of material and methods involved including how and when measurements were taken, and/or cite references for index tests and reference standard.  9 Definition of and rationale for the units, cut-offs and/or categories of the results of the index tests and the reference standard.  10 The number, training and expertise of the persons executing and reading the index tests and the reference standard.  11 Whether or not the readers of the index tests and reference standard were blind (masked) to the results of the index test and describe any other clinical information available to the readers.  12 Methods for calculating or comparing measures of diagnostic accuracy, and the statistical methods used to quantify uncertainty (e.g. 95% confidence intervals).  13 Methods for calculating test reproducibility, if done.  14 When study was performed, including beginning and end dates of recruitment.  15 Clinical and demographic characteristics of the study population (at least information on age, gender, spectrum of presenting symptoms).  16 The nu