Authors: _____
Title: _____
Year: _____

STARD: Standards for Reporting Studies of Diagnostic Accuracy			
Section and Topic	Item	Description	R
Title, Abstract and Keywords	1	Identify the article as a study of screening test validity (recommend MeSH heading "sensitivity and specificity") and whether this is a one stage screening or multiple stage screening	___
Introduction	2	State the research questions or aims,estimating screening test accuracy or comparing accuracy between tests or across participant groups	___
Methods			
Participants	3	Describe the study population: the inclusion and exclusion criteria and the settings and locations where the data were collected	___
	3a	Specify the age range, intervals examined and rationale	___
	4	Describe participant recruitment: was this based on presenting symptoms, results from previous tests,referral or the fact that the participants had received the screening tests or the reference standard?	___
	5	Describe participant sampling: was this a consecutive series of participants defined by selection criteria in items 3 and 4? If not, specify how participants were further selected	___
	6	Describe data collection: was data collection planned before the screening tests and reference standard were performed (prospective study) or after (retrospective study)?	___
	6a	Describe any aspect of the data collection that might be subject to construct irrelevant variance (e.g., unfamiliarity with strangers, repeated administration of screening test, administration of more than one test in one sitting or day for very young children, fatigue or warm-up).)	___
Test Methods	7a	Describe the screening test date and standardization (if any), applicable ages, similarity to reference standard	___
	7	Describe each reference test, its date and standardization (including characteristics of population) its rationale and applicable ages	___
	8	Describe technical specifications of material and methods involved, including how and when measurements were taken, or cite references for screening tests or reference standard, or both	___
	9	Describe definition of and rationale for the units, cut-off points,(including ROC analysis if done) or categories of the results of the screening tests and the reference standard	___
	10	Describe the number, training, and expertise of the persons executing and reading the screening tests and the reference standard	___
	11	Were the readers of the screening tests blind(masked) to results of the other test? Describe any other clinical information available to the readers.	___
Statistical Methods	12	Describe methods for calculating or comparing measures of diagnostic accuracy and the statistical	

		methods used to quantify uncertainty (eg 95% confidence intervals) and steps to adjust for potential verification bias
	13	Describe methods for calculating test reproducibility, if done
Results		
Participants5	14	Report when study was done, including beginning and ending dates of recruitment
	15	Report clinical and demographic characteristics (eg age, sex, spectrum of presenting symptoms, comorbidity, current treatments, and recruitment centre) for each age interval employed
	16	Report how many participants satisfying the criteria for inclusion did or did not undergo the screening tests or the reference standard, or both; describe why participants failed to receive either test. Include a Flow Diagram (see attached) for each age interval examined and each reference test used.
	17	Report time interval from screening tests to reference standard, and any treatment administered between
	18	Report distribution of severity of disease (define criteria) in those with the target condition and other diagnoses in participants without the target condition
	19	Report a cross tabulation of the results of the screening tests (including indeterminate and missing results) by the results of the reference standard; for continuous results, report the distribution of the test results by the results of the reference standard; include sample size, number of diagnostic positives, sensitivity and specificity, percent referred, positive predictive value, negative predictive value,and likelihood ratios,
	20	Report any adverse events from performing the screening test or the reference standard
Estimates	21	Report estimates of diagnostic accuracy and measures of statistical uncertainty (e.g.95% confidence intervals)
	22	Report how indeterminate results, missing responses, and outliers of screening tests were handled
	23	Report estimates of variability of diagnostic accuracy between readers, centres, or subgroups of participants, if done
	24	Report estimates of test reproducibility, if done
Discussion	25	Discuss the clinical applicability of the study findings including comparison of base rate and test hit rate, change in odds from pre-screening to post-screening or applicability of SnNout or SpPin