STARD 2015

Section & Topic	Item No	Item	Reported on Page Number/ Line Number	Reported on Section/ Paragraph
TITLE OR ABSTRACT				
	1	Identification as a study of diagnostic accuracy using at least one measure of accuracy (such as sensitivity, specificity, predictive values, or AUC)	Page 2/Line 60-62	Abstract
ABSTRACT				
	2	Structured summary of study design, methods, results, and conclusions (for specific guidance, see STARD for Abstracts)	Page 2/Line 43-67	Abstract
INTRODUCTION				
	3	Scientific and clinical background, including the intended use and clinical role of the index test	Page 3/Line 69-98	Introduction/Paragraph 1-4
	4	Study objectives and hypotheses	Page 3/Line 100-105	Introduction/Paragraph 5
METHODS				
Study design	5	Whether data collection was planned before the index test and reference standard were performed (prospective study) or after (retrospective study)	Page 4/Line 110	Methods Study design and patients/ Paragraph 1
Participants	6	Eligibility criteria	Page 4/Line 116-117	Methods Study design and patients/ Paragraph 2
	7	On what basis potentially eligible participants were identified (such as symptoms, results from previous tests, inclusion in registry)	Page 4/Line 110-111	Methods Study design and patients/ Paragraph 1
	8	Where and when potentially eligible participants were identified (setting, location and dates)	Page 4/Line 111-114	Methods Study design and patients/ Paragraph 1
	9	Whether participants formed a consecutive, random or convenience series	Page 4/Line 110	Methods Study design and patients/ Paragraph 1
Test methods	10a	Index test, in sufficient detail to allow replication	Page 5-6/Line 184-194	Methods Index Tests/ Paragraph 1
	10b	Reference standard, in sufficient detail to allow replication	Page 6/Line 197-205	Methods Reference standard for MR classification/ Paragraph 1
	11	Rationale for choosing the reference standard (if alternatives exist)	Page 6/Line 198-199	Methods Reference standard for MR classification/ Paragraph 1

	12a	Definition of and rationale for test positivity cut-offs or result categories of the index test, distinguishing pre-specified from exploratory	Not applicable, physicians gave their judgement without a cut-off	
	12b	Definition of and rationale for test positivity cut-offs or result categories of the reference standard, distinguishing pre-specified from exploratory	Page 6/Line 204-205	Methods Reference standard for MR classification/ Paragraph 1
	13a	Whether clinical information and reference standard results were available to the performers/readers of the index test	Page 6/Line 192-193	Methods Index Tests/ Paragraph 1
	13b	Whether clinical information and index test results were available to the assessors of the reference standard	Page 6/Line 208-210	Methods Reference standard for MR classification/ Paragraph 2
Analysis	14	Methods for estimating or comparing measures of diagnostic accuracy	Page 6/Line 219-225	Methods Statistical analysis/ Paragraph 1
	15	How indeterminate index test or reference standard results were handled	Page 4/Line 118-124	Methods Study design and patients/ Paragraph 2
	16	How missing data on the index test and reference standard were handled	Page 4/Line 118-124	Methods Study design and patients/ Paragraph 2
	17	Any analyses of variability in diagnostic accuracy, distinguishing pre-specified from exploratory	Page 6/Line 221-222	Methods Statistical analysis/ Paragraph 1
	18	Intended sample size and how it was determined	Page 4/Line 137-144	Methods Sample size calculation/ Paragraph 1
RESULTS				
Participants	19	Flow of participants, using a diagram	Page 4/Line 130	Figure 1
	20	Baseline demographic and clinical characteristics of participants	Page 7/Line 232-234	Results Patient characteristics/ Paragraph 1
	21a	Distribution of severity of disease in those with the target condition	Page 7/Line 233-234	Results Patient characteristics/ Paragraph 1
	21b	Distribution of alternative diagnoses in those without the target condition	Not applicable	
	22	Time interval and any clinical interventions between index test and reference standard	Page 4/Line 113-114	Methods Study design and patients/ Paragraph 1
Test results	23	Cross tabulation of the index test results (or their distribution) by the results of the reference standard	Not feasible to present the cross tabulation of all 9 physicians without and with support of AI	
	24	Estimates of diagnostic accuracy and their precision (such as 95% confidence intervals)	Page 7/Line 252-260	Results Diagnostic accuracy of

				physicians without and with support of AI segmentation model/ Paragraph 1 Table 3
	25	Any adverse events from performing the index test or the reference standard	Page 6/Line 193-194	Methods Index Tests/ Paragraph 1
DISCUSSION				
	26	Study limitations, including sources of potential bias, statistical uncertainty, and generalisability	Page 9/Line 328-335	Discussion/ Paragraph 7
	27	Implications for practice, including the intended use and clinical role of the index test	Page 8-9/Line 301-314	Discussion/ Paragraph 4-5
OTHER INFORMATION				
	28	Registration number and name of registry	Page 4/Line 132-135	Methods Study design and patients/ Paragraph 4
	29	Where the full study protocol can be accessed	No protocol was published before the study was conducted	
	30	Sources of funding and other support; role of funders	Page 10/Line 357-359	Acknowledgments

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.