

## Supplementary appendix

### Table of contents

Appendix 1: Search strategy .....	2
Appendix 2: QUADAS-2 questions .....	4
Appendix 3: QUADAS-2 table.....	6

## Appendix 1: Search strategy

Embase (Ovid): 1947 - 2020 October 14: 560 hits

1. Paget nipple disease/
2. Paget's disease of the nipple.mp.
3. Paget nipple disease.mp.
4. Paget's disease, mammary.mp.
5. Paget's disease of the breast.mp.
6. mammary Paget's disease.mp.
7. Paget disease of the nipple.mp.
8. Paget disease of the breast.mp.
9. mammary Paget disease.mp.
10. Paget breast disease.mp.
11. breast, Paget disease.mp.
12. nipple, Paget disease.mp.
13. Paget's nipple disease.mp.
14. breast, Paget's disease.mp.
15. nipple, Paget's disease.mp.
16. Paget's disease, nipple.mp.
17. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16
18. nuclear magnetic resonance imaging/
19. nuclear magnetic resonance imaging.mp.
20. MRI.mp.
21. MR.mp.
22. breast MRI.mp.
23. breast MR.mp.
24. mamma MRI.mp.
25. mamma MR.mp.
26. 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25
27. 17 and 26

Medline (Ovid): 1946 - October 13, 2020: 48 hits

1. Paget's Disease, Mammary/
2. Paget's disease of the nipple.mp.
3. Paget's disease, mammary.mp.
4. Paget's disease of the breast.mp.
5. mammary Paget's disease.mp.
6. Paget disease of the nipple.mp.
7. Paget disease of the breast.mp.

8. mammary Paget disease.mp.
9. Paget breast disease.mp.
10. breast, Paget disease.mp.
11. nipple, Paget disease.mp.
12. breast, Paget's disease.mp.
13. nipple, Paget's disease.mp.
14. Paget's disease, nipple.mp.
15. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14
16. Magnetic Resonance Imaging/
17. magnetic resonance imaging.mp.
18. MRI.mp.
19. breast MRI.mp.
20. breast MR.mp.
21. MR.mp.
22. mamma MR.mp.
23. Mamma MRI.mp.
24. 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23
25. 15 and 24

Cochrane Library - October 15, 2020: 11 hits

ID	Search
#1	Paget's disease of the nipple
#2	Paget's disease, mammary
#3	Paget's disease of the breast
#4	Paget Nipple Disease
#5	Paget breast disease
#6	Paget's carcinoma
#7	#1 or #2 or #3 or #4 or #5 or #6
#8	MeSH descriptor: [Magnetic Resonance Imaging] explode all trees
#9	MRI
#10	MR
#11	Magnetic resonance imaging
#12	mamma MRI
#13	breast MRI
#14	breast MR
#15	mamma MR
#16	#8 or #9 or #10 or #11 or #12 or #13 or #14 or #15
#17	#7 and #16

## **Appendix 2: QUADAS-2 questions**

The questions marked as **bold** are added to the tool by the authors.

### Patient selection

Signalling question 1: Was a consecutive or random sample of patients enrolled?

Signalling question 2: Was a case-control design avoided?

Signalling question 3: Did the study avoid inappropriate exclusions?

**Signalling question 4: Did all patients receive both MRI and MMG?**

Applicability: Are there concerns that the included patients and setting do not match the review question?

### Index test

Signalling question 1: Were the index test results interpreted without knowledge of the results of the reference standard?

Signalling question 2: If a threshold was used, was it pre-specified?

**Signalling question 3: Did at least two radiologists independently evaluate the preoperative images?**

Applicability: Are there concerns that the index test, its conduct, or interpretation differ from the review question?

### Reference standard

Signalling question 1: Is the reference standard likely to correctly classify the target condition?

Signalling question 2: Were the reference standard results interpreted without knowledge of the results of the index test?

Applicability: Are there concerns that the target condition as defined by the reference standard does not match the question?

### Flow and timing

Signalling question 1: Was there an appropriate interval between index test and reference standard?

Signalling question 2: Did all patients receive the same reference standard?

Signalling question 3: Were all patients included in the analysis?

**Appendix 3: QUADAS-2 table**

<u>Studies</u>	<u>Risk of bias</u>				<u>Applicability concerns</u>		
	Patient selection	Index test	Reference standard	Flow and timing	Patient selection	Index test	Reference standard
Nakai et al	O	O	+	+	+	-	+
Kim et al	O	-	+	O	-	+	+
Siponen et al	O	-	+	O	+	-	-
Morrogh et al	O	O	+	+	O	+	+
Frei et al	O	O	+	+	-	+	+
Friedman et al	O	O	+	O	-	O	+