

Supporting Information

Supplementary methods and results

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix to: Hettipathirana T, Macdonald C, Xie J, et al. The value of clinical breast examination in a breast cancer surveillance program for women with germline *BRCA1* or *BRCA2* mutations. *Med J Aust* 2021; doi: 10.5694/mja2.51226.

Figure. Risk Management Clinic visit note template, from which information on clinical breast examinations was extracted

Dear Dr	Surname:			
	Given Names:			
	URN:			
	DOB:			
Your patient was seen for foll Breast/Ovarian Risk Management Clinic on	ow up at the Peter MacCallum Cancer Centre			
The following examinations/tests were performed:				
	☐ Normal			
Clinical breast examination	☐ Abnormal, requiring further investigation			
☐ Mammogram	□ Normal			
i waminogiani	☐ Abnormal, requiring further investigation			
□ MRI	☐ Normal			
□ IVIRI				
	Abnormal, requiring further investigation			
Other Comments :				
Her next appointment at the clinic is on	·			
Yours sincerely				

Table. Characteristics of the 35 women in our study diagnosed with breast cancer

Screening modality

Patient Age (years) Breast examination Mammography MRI Ultrasound Histology Size (mm) Nodal status* 1 50 - + + NP IDC 5 0 2 73 - + NP NP IDC 9 NP 3† 34 - - - NP IDC 18 0 5 49 - - + NP IDC 5 0 6 31 - NP + NP IDC 5 0 6 31 - NP + NP IDC 9 1 7 36 + - NP - IDC 24 4 8 52 - - + NP IDC 15 0 10 48 - - + NP DCIS 25 NP		Screening modality							
2	Patient			Mammography	MRI	Ultrasound	Histology		
31	1	50	_	+	+	NP	IDC	5	0
4 36 - - + NP IDC 5 0 5 49 - - + NP DCIS 9 0 6 31 - NP + NP IDC 9 1 7 36 + - NP - IDC 24 4 8 52 - - + NP IDC 8 0 9 45 - - + NP IDC 8 0 10 48 - - + NP IDC 8 0 10 48 - - + NP IDCIS 25 NP 11 62 - + NP DCIS 25 NP 11 62 - + NP DCIS 25 NP 12 35 - - + NP	2	73	-	+	NP	NP	IDC	9	NP
5 49 - - + NP DCIS 9 0 6 31 - NP + NP IDC 9 1 7 36 + - NP - IDC 24 4 8 52 - - + NP IDC 15 0 9 45 - - + NP IDC 8 0 10 48 - - + NP DIDC 25 NP 11 62 - + NP NP DCIS 25 NP 12 35 - - + NP DCIS 30 NP 13 37 - - + NP DCIS 6 0 14 39 - - + NP DCIS 6 0 15 44 - - </td <td>3[†]</td> <td>34</td> <td>_</td> <td>_</td> <td>_</td> <td>NP</td> <td>IDC</td> <td>18</td> <td>0</td>	3 [†]	34	_	_	_	NP	IDC	18	0
6 31 - NP + NP - IDC 9 1 7 36 + - NP - IDC 24 4 8 52 - - + NP IDC 15 0 9 45 - - + NP IDC 8 0 10 48 - - + NP IDC 8 0 10 48 - - + NP IDC 8 0 10 48 - - + NP DCIS 25 NP 11 62 - + NP DCIS 25 NP 12 35 - - + NP DCIS 30 NP 13 37 - - + NP DCIS 6 0 14 39 - - <td>4</td> <td>36</td> <td>_</td> <td>_</td> <td>+</td> <td>NP</td> <td>IDC</td> <td>5</td> <td>0</td>	4	36	_	_	+	NP	IDC	5	0
7 36 + - NP - IDC 24 4 8 52 - - + NP IDC 15 0 9 45 - - + NP IDC 8 0 10 48 - - + NP DCIS 25 NP 11 62 - + NP NP DCIS 25 NP 12 35 - - + NP DCIS 30 NP 13 37 - - + NP DCIS 6 0 14 39 - - + NP DCIS 6 0 15 44 - - + NP IDC 15 0 15 44 - - + NP DCIS 4 NP 17 51 +	5	49	_	_	+	NP	DCIS	9	0
8 52 - - + NP IDC 15 0 9 45 - - + NP IDC 8 0 10 48 - - + NP IDC 8 0 11 62 - + NP NP DCIS 25 NP 12 35 - - + NP DCIS 25 NP 13 37 - - + NP DCIS 30 NP 13 37 - - + NP DCIS 6 0 14 39 - - + NP IDC 15 0 14 39 - - + NP IDC 15 0 15 44 - - + NP IDC 15 0 15 44 - -	6	31	_	NP	+	NP	IDC	9	1
9	7	36	+	_	NP	_	IDC	24	4
10	8	52	_	_	+	NP	IDC	15	0
111 62 - + NP NP DCIS 25 NP 12 35 - - + NP DCIS 30 NP 13 37 - - + NP DCIS 6 0 14 39 - - + NP IDC 15 0 15 44 - - + NP IDC 11 0 16 34 - + - NP DCIS 4 NP 17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP IDC 8 0 20¹ 37 - - - NP IDC 22 0 22¹ 30 - <	9	45	_	_	+	NP	IDC	8	0
12 35 - - + NP DCIS 30 NP 13 37 - - + NP DCIS 6 0 14 39 - - + NP IDC 15 0 15 44 - - + NP IDC 11 0 16 34 - + - NP DCIS 4 NP 17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP IDC 8 0 19 25 - NP + NP IDC 8 0 19 25 - NP + NP IDC 22 0 20† 37 30	10	48	_	-	+	NP	DCIS	25	NP
13 37 - - + NP DCIS 6 0 14 39 - - + NP IDC 15 0 15 44 - - + - IDC 11 0 16 34 - + - NP DCIS 4 NP 17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP IDC 8 0 19 25 - NP + NP IDC 8 0 19 25 - NP + NP IDC 8 0 20† 37 - - - NP IDC 25 0 22† 30 - - <td>11</td> <td>62</td> <td>_</td> <td>+</td> <td>NP</td> <td>NP</td> <td>DCIS</td> <td>25</td> <td>NP</td>	11	62	_	+	NP	NP	DCIS	25	NP
14 39 - - + NP IDC 15 0 15 44 - - + - IDC 11 0 16 34 - + - NP DCIS 4 NP 17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP IDC 8 0 19 25 - NP + NP IDC 8 0 20† 37 - - - NP IDC 22 0 21† 38 - - - NP IDC 25 0 22† 30 - - <td>12</td> <td>35</td> <td>_</td> <td>_</td> <td>+</td> <td>NP</td> <td>DCIS</td> <td>30</td> <td>NP</td>	12	35	_	_	+	NP	DCIS	30	NP
15 44 - - + - IDC 11 0 16 34 - + - NP DCIS 4 NP 17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP IDC 8 0 20† 37 - - - NP IDC 22 0 21† 38 - - - NP IDC 22 0 21† 38 - - - NP IDC 22 0 21† 38 - - - NP IDC 25 0 22† 30 - - - NP IDC 15 2 23 44 - +	13	37	_	_	+	NP	DCIS	6	0
16 34 - + - NP DCIS 4 NP 17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP DCIS 14 0 20† 37 - - - NP IDC 22 0 21† 38 - - - NP IDC 25 0 22† 30 - - - NP IDC 15 0 23 44 - + + NP DCIS 20 0 24 30 - - + NP IDC 15 2 25 35 - - + NP IDC 8 0 26 65 +	14	39	_	-	+	NP	IDC	15	0
17 51 + + - NP IDC 8 0 18 48 - - + NP IDC 8 0 19 25 - NP + NP DCIS 14 0 20† 37 - - - NP IDC 22 0 21† 38 - - - NP IDC 25 0 22† 30 - - - NP IDC 15 0 23 44 - + + NP DCIS 20 0 24 30 - - + NP IDC 15 2 25 35 - - + NP IDC 8 0 26 65 + - NP - ILC 22 0 28† 56 -	15	44	_	_	+	_	IDC	11	0
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19	17	51	+	+	_	NP	IDC	8	0
20† 37 - - - NP IDC 22 0 21† 38 - - - - IDC 25 0 22† 30 - - - NP IDC 15 0 23 44 - + + NP DCIS 20 0 24 30 - - + NP IDC 15 2 25 35 - - + NP IDC 8 0 26 65 + - NP - ILC 22 0 27 33 - - + NP DCIS 47 0 28† 56 - - - - Unknown 26 1 29 28 - - + NP DCIS 1 0 30† 33 -	18	48	-	-	+	NP	IDC	8	0
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23 44 - + + NP DCIS 20 0 24 30 - - + NP IDC 15 2 25 35 - - + NP IDC 8 0 26 65 + - NP - ILC 22 0 27 33 - - + - DCIS 47 0 28† 56 - - - - Unknown 26 1 29 28 - - + NP DCIS 1 0 30† 33 - - + NP DCIS 1 NP 31 40 - - + NP DCIS 11 NP 32† 35 - - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	21 [†]	38	_	_	_	_	IDC	25	0
24 30 - - + NP IDC 15 2 25 35 - - + NP IDC 8 0 26 65 + - NP - ILC 22 0 27 33 - - + - DCIS 47 0 28† 56 - - - - Unknown 26 1 29 28 - - + NP DCIS 1 0 30† 33 - - + NP DCIS 35 0 31 40 - - + NP DCIS 11 NP 32† 35 - - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	22^{\dagger}	30	-	-	_	NP	IDC	15	0
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27 33 - - + - DCIS 47 0 28† 56 - - - - Unknown 26 1 29 28 - - + NP DCIS 1 0 30† 33 - - + NP DCIS 35 0 31 40 - - + NP DCIS 11 NP 32† 35 - - - NP IDC 20 0 33† 33 - - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	25	35	_	_	+	NP	IDC	8	0
28† 56 - - - - Unknown 26 1 29 28 - - + NP DCIS 1 0 30† 33 - - + NP DCIS 35 0 31 40 - - + NP DCIS 11 NP 32† 35 - - - NP IDC 20 0 33† 33 - - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	26	65	+	-	NP	_	ILC	22	0
29 28 - - + NP DCIS 1 0 30† 33 - - + NP DCIS 35 0 31 40 - - + NP DCIS 11 NP 32† 35 - - - NP IDC 20 0 33† 33 - - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	27	33	_	_	+	-	DCIS	47	0
30 [†] 33 - - + NP DCIS 35 0 31 40 - - + NP DCIS 11 NP 32 [†] 35 - - - NP IDC 20 0 33 [†] 33 - - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	28 [†]	56	-	_	-	-	Unknown	26	1
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32† 35 - - - NP IDC 20 0 33† 33 - - NP Unknown Unknown Unknown 34 43 - - + - DCIS 1 NP	30^{\dagger}	33	-	-	+	NP	DCIS	35	0
33 [†] 33 NP Unknown Unknown Unknown 34 43 - + DCIS 1 NP	31	40	_	_	+	NP	DCIS	11	NP
34 43 + - DCIS 1 NP	32 [†]	35	-	-	-	NP	IDC	20	0
	33 [†]	33	_	_	_	NP	Unknown	Unknown	Unknow
35 24 - NP + NP IDC Unknown NP	34	43	-	-	+	-	DCIS	1	NP
	35	24	-	NP	+	NP	IDC	Unknown	NP

Screening Results: +, abnormal; -, normal; NP, not performed.

DCIS = ductal carcinoma in situ; IDC = invasive ductal carcinoma; ILC = invasive lobular carcinoma; MRI = magnetic resonance imaging.

^{*} Number of axillary positive nodes.

[†] Interval cancer.