

乳癌診療指引

一、參與討論同仁

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二、討論日期：107 年 11 月 07 日

三、校稿人員：王文科主任 / 韓閔芝個管師、吳庠螢個管師

107 年版與上一版差異：

106 年版

DCIS page 刪除附註欄，刪除 LCIS 路徑
 修訂附註 3. Oncotype or 刪除 **Symphony-gene**、增加 (Endopredict、ICT、Mammoprint、Pam50) test is optional examination for ambiguous patients.
 新增附註 :4. 主要治療 Total mastectomy=Simple mastectomy

增加 LCIS 路徑

第一期 Stage IA T1N0M0 Stage IB T1N1miM0 page

修訂附註 3. Oncotype or 刪除 **Symphony-gene**、增加 (Endopredict、ICT、Mammoprint、Pam50) test is optional examination for ambiguous patients.

增加附註 5 內容 . ≥ 70 歲，T1N0 且 ER + PR + 並同時有做 H/T 病患 於乳房保留手術，經由團隊會議討論後得可慮不用 RT

新增附註 7. Hormonal therapy: Tamoxifen 服用 5-10 年 ;AI 服用 5-10 年 .

新增附註 8. 主要治療 Total mastectomy=Simple mastectomy

第二期 Stage IIA

修訂附註 3. Oncotype or 刪除 **Symphony-gene**、增加 (Endopredict、ICT、Mammoprint、Pam50) test is optional examination for ambiguous patients.

新增附註 8. 主要治療 Total mastectomy=Simple mastectomy

107 年修訂版

DCIS

* 修訂 Partial mastectomy ± SLNB + whole breast radiation therapy (± R/T) 及 Total mastectomy + SLNB ± reconstruction (± H/T)

第一期 Stage IA

* ER(-) and PR(-) T ≤ 0.5cm 增加 C/T ± Herceptin (Her2+)

* ER(-) and PR(-) 0.5cm < T ≤ 1.0cm 增加 ± C/T，修改 Her-2(+)-> Consider C/T + Herceptin

* ER(-) and PR(-) 1.0cm < T ≤ 2.0cm 增加 C/T，修改 Her-2(+)-> Consider C/T + Herceptin

* 追蹤修訂為理學 / 血液檢查：至少每六個月一次、乳房超音波：每六個月一次

第二期 Stage IIA

* 新增附註 9. TNBC with residual invasive cancer following standard neoadjuvant therapy: Consider adjuvant capecitabine (自費使用)

* 新增附註 10. ER (-), PR (-) and Her2 (+) Node (+) patients: Consider adjuvant chemotherapy + Herceptin ± Pertuzumab

* 追蹤修訂為理學 / 血液檢查：至少每六個月一次、乳房超音波：每六個月一次

106 年版

第三期 Stage IIIA

輔助性治療 原→ Consider Herceptin(LN negative) 改成 (consider Herceptin for N0)

刪除附註 3. ~~OncoType or Symphony gene test is optional examination for ambiguous patients.~~

新增附註 5. 主要治療 Total mastectomy=Simple mastectomy

第四期 Stage

主要治療修訂原改 Her-2(+)-> Herceptin 成 Her-2(+)-> anti HER-2 therapy

主要治療修訂新增 clinical trial

追蹤刪除全部檢查項目的時間

刪除附註 3. ~~OncoType or Symphony gene test is optional examination for ambiguous patients.~~

新增附註 4. Anti-HER-2 therapy 依健保規範或自費使用

107 年修訂版

第三期 Stage IIIA

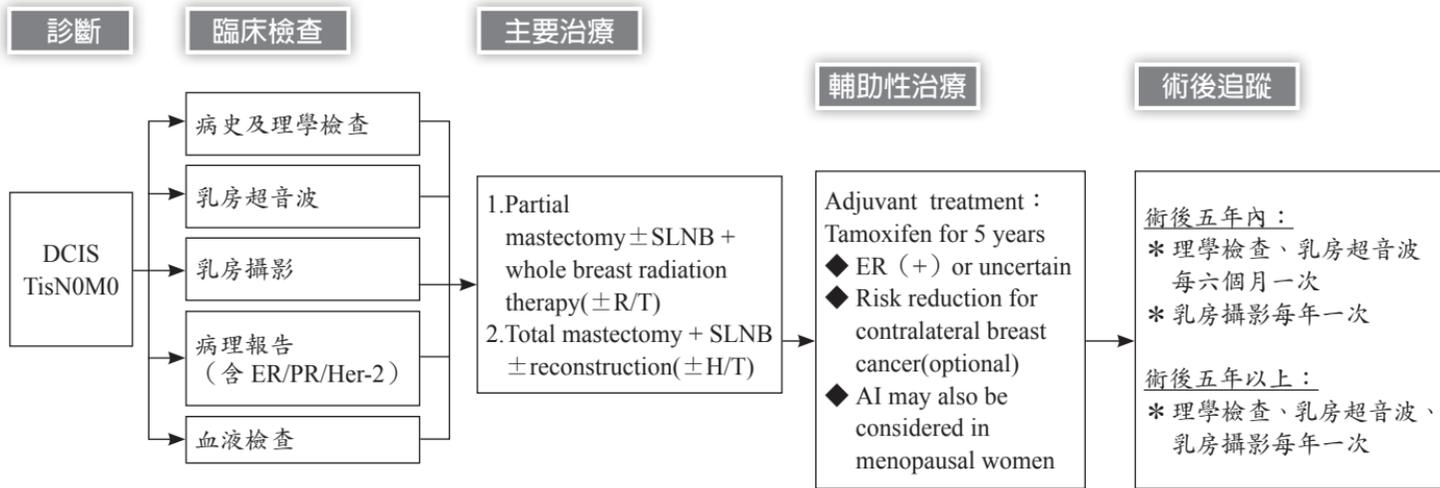
* 新增附註 6. TNBC with residual invasive cancer following standard neoadjuvant therapy: Consider adjuvant capecitabine (自費使用)

* 新增附註 7. ER (-), PR (-) and Her2 (+) Node (+) patients: Consider adjuvant chemotherapy + Herceptin ± Pertuzumab

* 追蹤修訂為理學 / 血液檢查 : 至少每六個月一次、乳房超音波 : 每六個月一次

第四期 Stage

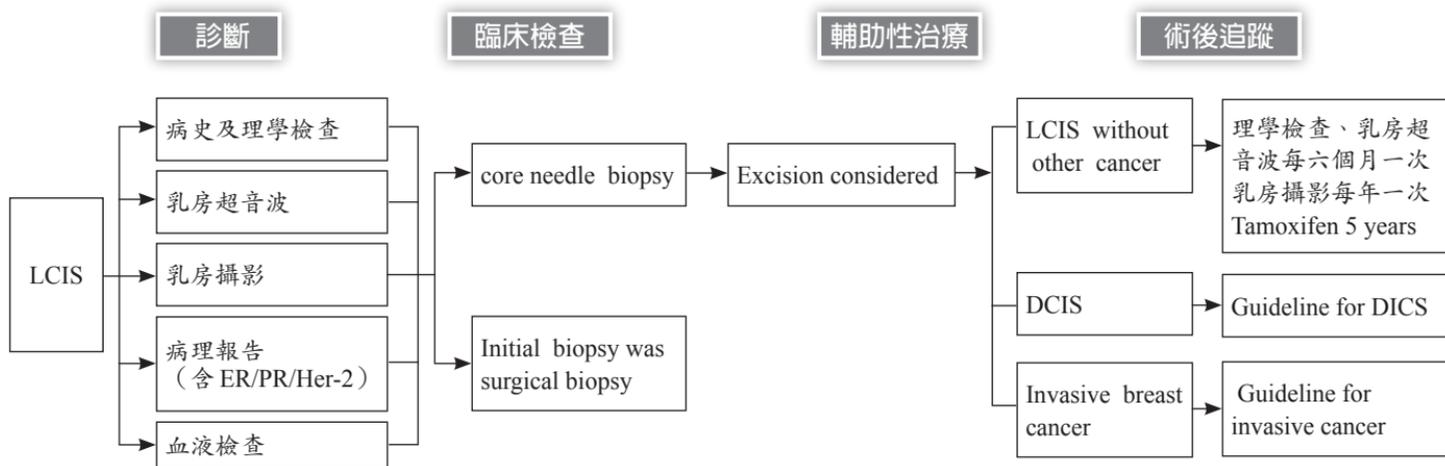
* 增加 ER and/or PR (+), Her-2 (-): Hormonal therapy ± CD4/6 or mTOR inhibitor ± chemotherapy



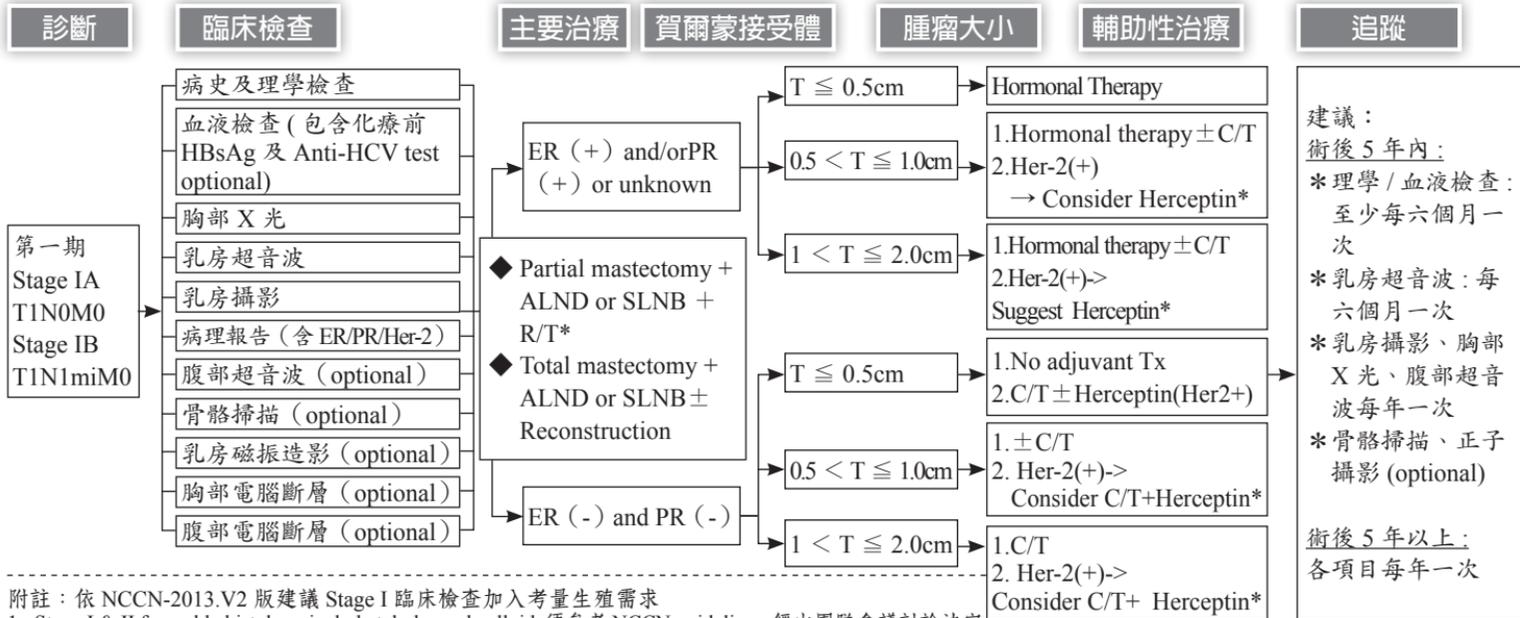
*Radiotherapy may be omitted in elected low-risk patients with advanced age, extensive comorbidities, or small foci of low-grade disease resected with negative margins (e.g. Age >60y, Tumor ≤ 15mm, Low grade...)

#Post-total mastectomy hormone therapy (optional)

《 乳癌診療指引共識 -2 》



《乳癌診療指引共識 -3》



附註：依 NCCN-2013.V2 版建議 Stage I 臨床檢查加入考量生殖需求

1. Stage I & II favorable histology include tubular and colloid. 須參考 NCCN guideline，經由團隊會議討論決定治療方式

2. Clinical trial is always an option of treatment.

3. Oncotype or Endopredict、ICT、Mammoprnt、Pam50 test is optional examination for ambiguous patients.

4. * Herceptin 依健保使用規定或自費使用

5. 考慮接受化學治療或 Carrier 血液檢查 (需包含化療前 HBsAg 及 Anti-HCV test)

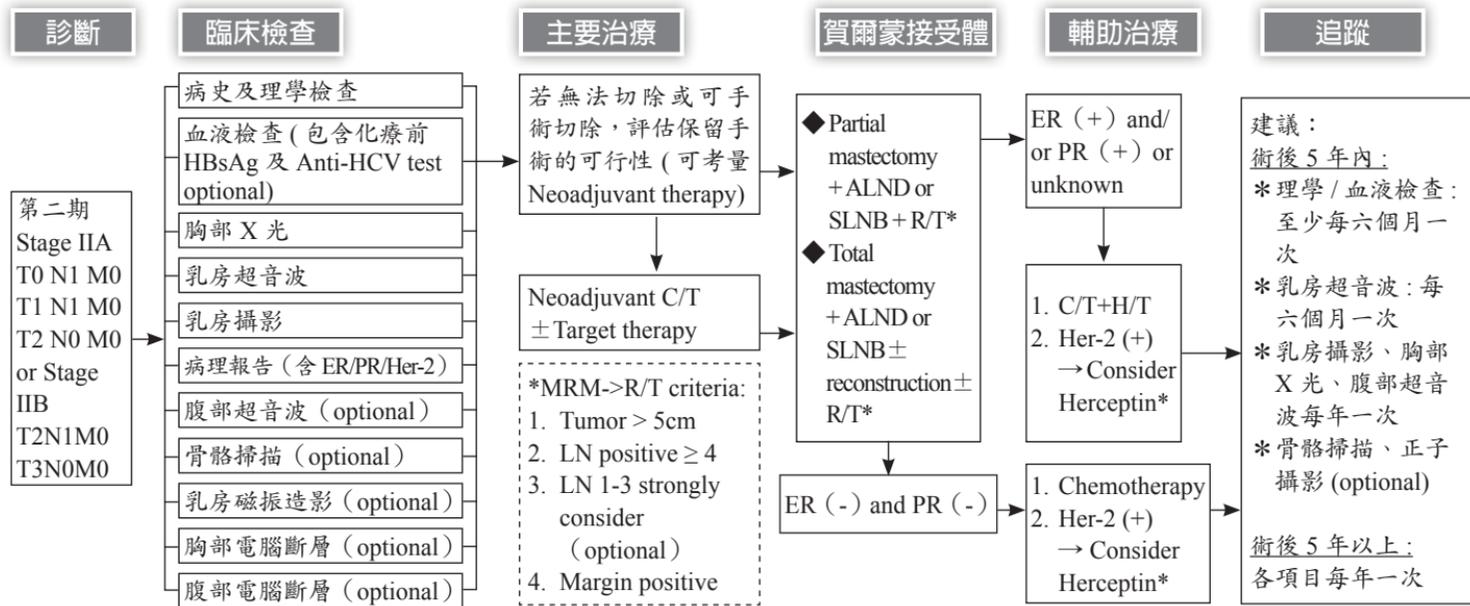
6. RT*: Whole breast radiotherapy(WBRT) or Partial breast radiotherapy(PBRT), PBRT 符合條件：參閱一校三院放腫指引；≥ 70 歲，T1N0 且 ER + PR + 並同時有做 H/T 病患於乳房保留手術，經由團隊會議討論後得可慮不用 RT。

7. 血液檢查 (包含化療前 HBsAg 及 Anti-HCV test optional)

8. Hormonal therapy: Tamoxifen 服用 5-10 年; AI 服用 5-10 年。

9. 主要治療 Total mastectomy=Simple mastectomy

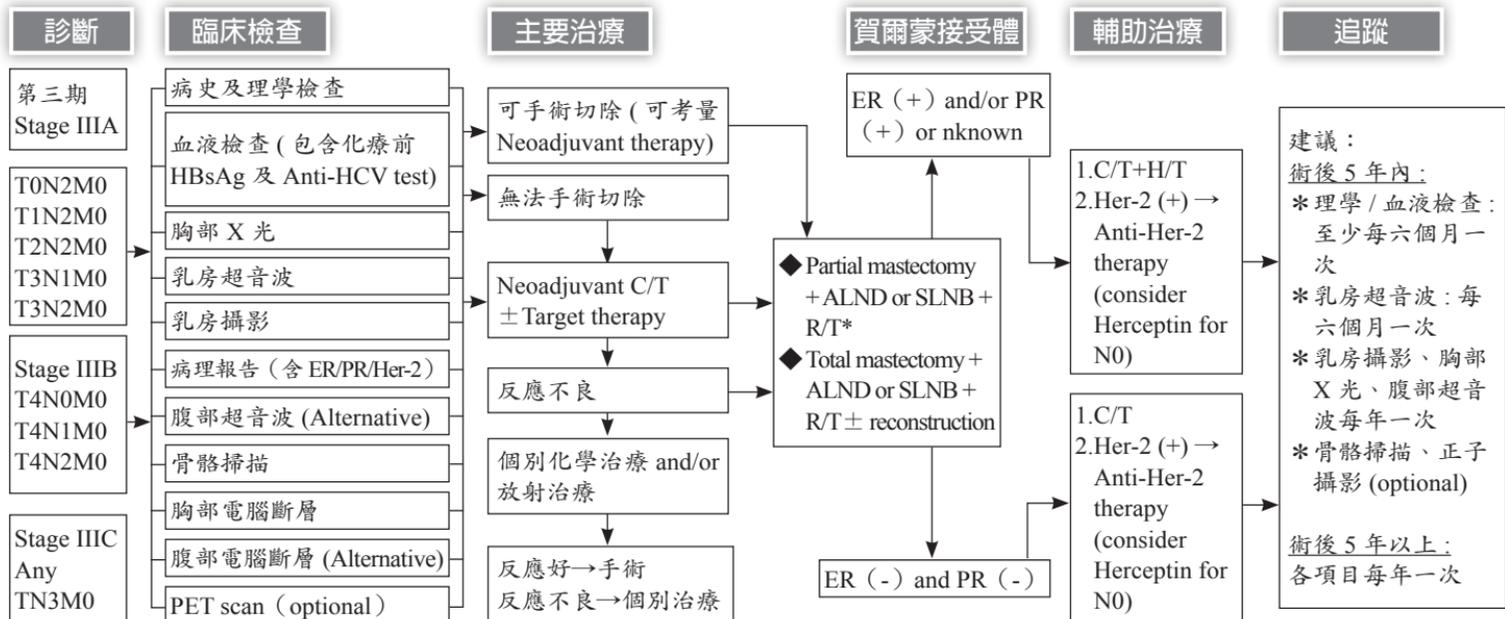
《乳癌診療指引共識-4》



附註: 依 NCCN-2013.V2 版建議 Stage II 臨床檢查加入考量生殖需求

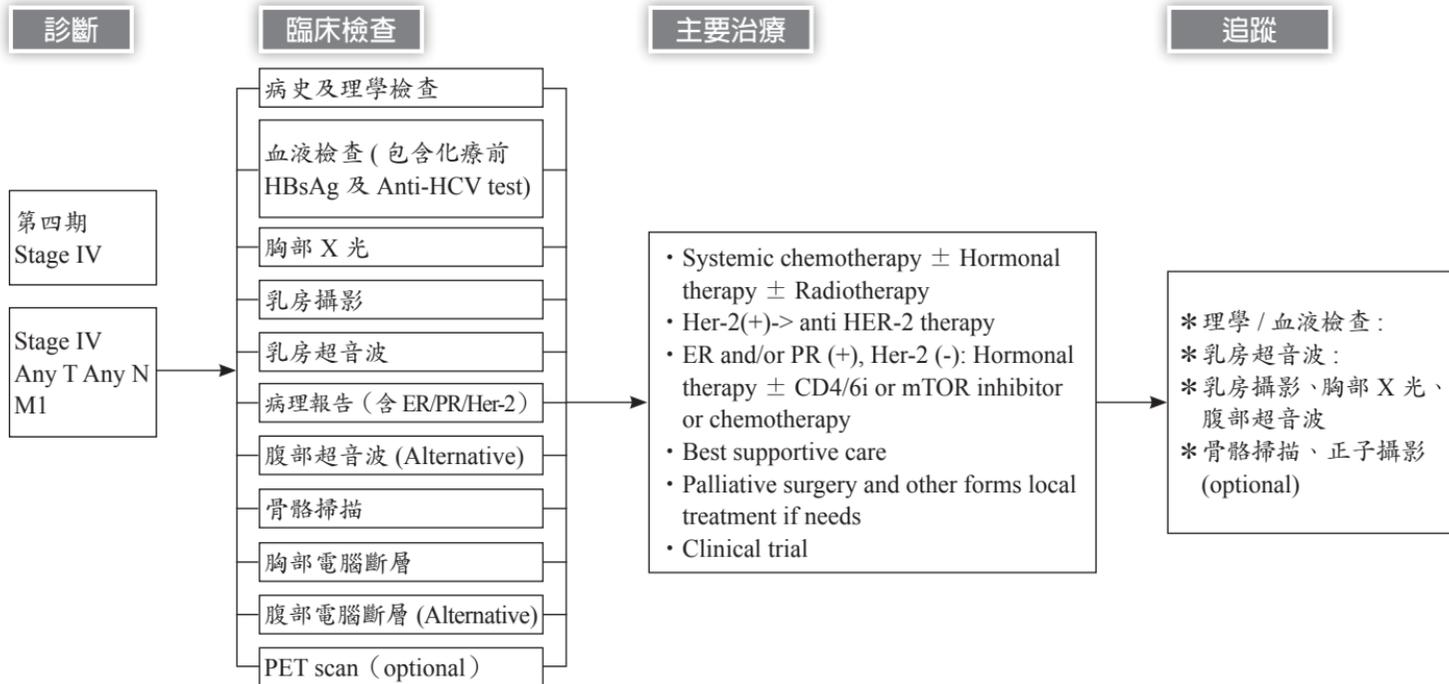
1. Stage I & II favorable histology include tubular and colloid. 須參考 NCCN guideline, 經由團隊會議討論決定治療方式
2. Clinical trial is always an option of treatment.
3. Oncotype or Endopredict、ICT、Mammoprint、Pam50test is optional examination for ambiguous patients.
4. * Herceptin 依健保使用規定或自費使用
5. 考慮接受化學治療或 Carrier 血液檢查 (需包含化療前 HBsAg 及 Anti-HCV test)
6. RT*: Whole breast radiotherapy(WBRT) or Partial breast radiotherapy(PBRT), PBRT 符合條件 :RT*: 參閱一校三院放腫指引
7. 血液檢查 (包含化療前 HBsAg 及 Anti-HCV test optional)
8. 主要治療 Total mastectomy=Simple mastectomy
9. TNBC with residual invasive cancer following standard neoadjuvant therapy: Consider adjuvant capecitabine (自費使用)
10. ER (-), PR (-) and Her2 (+) Node (+) patients: Consider adjuvant chemotherapy + Herceptin ± Pertuzumab

《 乳癌診療指引共識 -5 》



- 附註：
1. Stage I & II favorable histology include tubular and colloid. 須參考 NCCN guideline，經由團隊會議討論決定治療方式
 2. Clinical trial is always an option of treatment.
 3. RT*: 參閱一校三院放腫指引
 4. Abdomen sono or abdomen CT Alternative
 5. 主要治療 Total mastectomy=Simple mastectomy
 6. TNBC with residual invasive cancer following standard neoadjuvant therapy: Consider adjuvant capecitabine (自費使用)
 7. ER (-), PR (-) and Her2 (+) Node (+) patients: Consider adjuvant chemotherapy + Herceptin ± Pertuzumab

《 乳癌診療指引共識 -6 》



附註：

1. Stage I & II favorable histology include tubular and colloid. 須參考 NCCN guideline，經由團隊會議討論決定治療方式
2. Clinical trial is always an option of treatment.
3. Abdomen sono or abdomen CT Alternative
4. Anti -HER-2 therapy 依健保規範或自費使用

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《 乳癌抗癌藥物治療指引 》

Chemotherapy as Primary or Adjuvant Therapy (HER2-POSTIVE)

PREFERRED REGIMENS

AC followed by Paclitaxel with Trastuzumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	1
Cyclophosphamide	600	1	Q3W	4	
Followed by					
Trastuzumab	4 → 2 mg/kg	1	QW	12	
Paclitaxel	80	1	QW	12	
Followed by					
Trastuzumab	2 (6) mg/kg	1	QW (Q3W)	40 (13)	

AC followed by Paclitaxel with Trastuzumab + Pertuzumab (optional)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	8
Cyclophosphamide	600	1	Q3W	4	
Followed by					
Trastuzumab	8 → 6 mg/kg	1	Q3W	17	
Pertuzumab*	840 → 420 mg	1	Q3W	17	
Paclitaxel	80	1, 8, 15	Q3W	4	

*Optional

Dose-dense AC followed by Paclitaxel with Trastuzumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q2W	4	2
Cyclophosphamide	600	1	Q2W	4	
Followed by					
Trastuzumab	4 → 2 mg/kg	1, 8	Q2W	4	
Paclitaxel	175	1	Q2W	4	
Followed by					
Trastuzumab	2 (6) mg/kg	1	QW (Q3W)	44 (14)	

TCH

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	4 → 2 mg/kg	1, 8, 15	Q3W	6	3
Docetaxel	75	1	Q3W	6	
Carboplatin	6 AUC	1	Q3W	6	
Followed by					
Trastuzumab	6 mg/kg	1	Q3W	11	

TCH + Pertuzumab (optional)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 mg/kg	1	Q3W	17	4
Pertuzumab*	840 → 420 mg	1	Q3W	17	
Docetaxel	75	1	Q3W	6	
Carboplatin	6 AUC	1	Q3W	6	

*Optional

Paclitaxel + Trastuzumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	4 → 2 mg/kg	1	QW	12	5
Paclitaxel	80	1	QW	12	
Followed by Trastuzumab	2 (6) mg/kg	1	QW (Q3W)	40 (13)	

OTHER REGIMENS
AC followed by Docetaxel with Trastuzumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	3
Cyclophosphamide	600	1	Q3W	4	
Followed by Trastuzumab	4 → 2 mg/kg	1, 8, 15	Q3W	4	
Docetaxel	80-100	1	Q3W	4	
Followed by Trastuzumab	6 mg/kg	1	Q3W	13	

AC followed by Docetaxel with Trastuzumab + Pertuzumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	3
Cyclophosphamide	600	1	Q3W	4	
Followed by					
Trastuzumab	8 → 6 mg/kg	1	Q3W	17	
Pertuzumab*	840 → 420 mg	1	Q3W	17	
Docetaxel	80-100	1	Q3W	4	

*Optional

TC + Trastuzumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻	
Trastuzumab	4 → 2 (8 → 6) mg/kg	1, 8, 15 (1)	Q3W	4	6	
Docetaxel	75	1	Q3W	4		
Cyclophosphamide	600	1	Q3W	4		
Followed by						
Trastuzumab	6 mg/kg	1	Q3W	13		

Neoadjuvant therapy (HER2-Positive)

同 adjuvant therapy

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Chemotherapy as Primary or Adjuvant Therapy (HER2-NEGATIVE)

PREFERRED REGIMENS

Dose-dense AC followed by Paclitaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q2W	4	1
Cyclophosphamide	600	1	Q2W	4	
Followed by					
Paclitaxel	175	1	Q2W	4	

Dose-dense AC followed by weekly Paclitaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q2W	4	1
Cyclophosphamide	600	1	Q2W	4	
Followed by					
Paclitaxel	80	1	QW	12	

TC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W	4	2
Cyclophosphamide	600	1	Q3W	4	

Useful in certain circumstances

Dose-dense AC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q2W	4	1
Cyclophosphamide	600	1	Q2W	4	

AC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	3
Cyclophosphamide	600	1	Q3W	4	

TAC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W	6	4
Doxorubicin	60	1	Q3W	6	
Cyclophosphamide	500	1	Q3W	6	

TEC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W	6	13
Epirubicin	75	1	Q3W	6	
Cyclophosphamide	500	1	Q3W	6	

FAC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	500	1, 8 or 1, 4	Q3W	6	5, 6
Doxorubicin	50	1	Q3W	6	
Cyclophosphamide	500	1	Q3W	6	

CEF

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cyclophosphamide	500	1, 8	Q3W	6	7
Epirubicin	80	1, 8	Q3W	6	
5-FU	500	1, 8	Q3W	6	

CMF

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cyclophosphamide	100 PO	1-14	Q4W	6	16
Methotrexate	40	1, 8	Q4W	6	
5-FU	600	1, 8	Q4W	6	

AC followed by Docetaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	8
Cyclophosphamide	600	1	Q3W	4	
Followed by					
Docetaxel	80-100	1	Q3W	4	

AC followed by Paclitaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	9
Cyclophosphamide	600	1	Q3W	4	
Followed by Paclitaxel	175	1	Q3W	4	

AC followed by weekly Paclitaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	4	9
Cyclophosphamide	600	1	Q3W	4	
Followed by Paclitaxel	80	1	QW	4	

EC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	90-100	1	Q3W	4	10
Cyclophosphamide	600	1	Q3W	4	

FEC followed by Docetaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	500	1	Q3W	3	11
Epirubicin	100	1	Q3W	3	
Cyclophosphamide	500	1	Q3W	3	
Followed by					
Docetaxel	100	1	Q3W	3	

FEC followed by weekly Paclitaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	600	1	Q3W	4	12
Epirubicin	90	1	Q3W	4	
Cyclophosphamide	600	1	Q3W	4	
Followed by					
3 Weeks no treatment					
Followed by					
Paclitaxel	100	1	QW	8	

FLC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	500	1	Q3W	6	17
Lipo-Doxorubicin	35-40	1	Q3W	6	
Cyclophosphamide	500	1	Q3W	6	

Cisplatin + Docetaxel (Triple negative)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	75	1			14, 15
Docetaxel	75	1			

Neoadjuvant therapy (HER2-Negative)

同 adjuvant therapy

參考文獻

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Adjuvant Endocrine Therapy

Anti-estrogen

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Tamoxifen	20-40 mg PO QD				1

Aromatase inhibitor

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Exemestane	25 mg PO QD				2

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Anastrozole	1 mg PO QD				3

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Letrozole	2.5 mg PO QD				4

Ovarian suppresioin or ablation

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Goserelin Acetate	3.6 mg SC	1	Q4W		5

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leuprolide Acetate	3.75 mg SC	1	Q4W		6

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3. Product Information: ARIMIDEX(R) oral tablet, anastrozole oral tablet. AstraZeneca Pharmaceuticals LP, Wilmington, DE, 2009.
4. Product Information: Femara oral tablets, letrozole oral tablets. Novartis Pharmaceuticals Corporation, East Hanover, NJ, 2010.
5. Product Information: ZOLADEX(R) implant 3.6mg, goserelin acetate implant implant 3.6mg. AstraZeneca, Wilmington, DE, 2009.
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CHEMOTHERAPY REGIMENS FOR RECURRENT OR METASTATIC BREAST CANCER

HER2-NEGATIVE

PREFERRED SINGLE AGENTS

Anthacyclins

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60-75	1	Q3W	7	1

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	20	1	QW		2

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Lipo-Doxorubicin	50	1	Q4W		3

Taxanes

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	175	1	Q3W		4

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	80	1	QW		5

Antimetabolites

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	1000-1250 PO BID	1-14	Q3W	6	6

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Gemcitabine	800-1200	1, 8, 15	Q4W		7

Other microtubule inhibitors

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Vinorelbine	25	1	QW		8

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Eribulin	1.4	1, 8	Q3W		9

PARP inhibitors

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Olaparib	300 mg PO BID				46

OTHER SINGLE AGENTS

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cyclophosphamide	50 PO QD	1-21	Q4W		10

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Carboplatin	AUC 6	1	Q3W-Q4W		11

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	60-100	1	Q3W	6	12, 13

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	35	1, 8, 15, 22, 29, 36	Q8W		14

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Albumin-Paclitaxel	100 or 150	1, 8, 15	Q4W		15, 16

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Albumin-Paclitaxel	260	1	Q3W		15

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	75	1	Q3W	4	17

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	75	1	Q3W		18

Combinations

CAF

藥品名 ★	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cyclophosphamide	100 PO	1-14	Q4W		19
Doxorubicin	30	1, 8	Q4W		
5-FU	500	1, 8	Q4W		

FAC

藥品名 ★	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	500	1, 8 or 1, 4	Q3W		20
Doxorubicin	50	1	Q3W		
Cyclophosphamide	500	1	Q3W		

FEC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cyclophosphamide	400	1, 8	Q4W	6-9	21
Epirubicin	50	1, 8	Q4W		
5-FU	500	1, 8	Q4W		

AC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Doxorubicin	60	1	Q3W	8	22
Cyclophosphamide	600	1	Q3W	8	

EC

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	75	1	Q3W	6	23
Cyclophosphamide	600	1	Q3W	6	

CMF

藥品名 ★	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cyclophosphamide	100 PO QD	1-14	Q4W		24, 45
Methotrexate	40	1, 8	Q4W		
5-FU	600	1, 8	Q4W		

Docetaxel + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W	6	25
Capecitabine	950 PO BID	1-14	Q3W	6	

GT

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	175	1	Q3W		26
Gemcitabine	1250	1, 8	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	80	1, 8, 15	Q4W		44
Gemcitabine	800	1, 8, 15	Q4W		

Gemcitabine + Carboplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Gemcitabine	1250	1, 8	Q3W		27
Carboplatin	AUC 2	1, 8	Q3W		

Bevacizumab + Paclitaxel

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Bevacizumab	10 mg/kg	1, 8	Q4W		28
Paclitaxel	90	1, 8, 15	Q4W		

HER2-POSITIVE**PREFERRED AGENTS**

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pertuzumab	840 → 420 mg	1	Q3W		29
Trastuzumab	8 → 6 mg/kg	1	Q3W		
Docetaxel	75-100	1	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pertuzumab	840 → 420 mg	1	Q3W		30, 31
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		
Paclitaxel	175 (80)	1	Q3W (QW)		

OTHER AGENTS

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 32
Paclitaxel	175	1	Q3W		
Carboplatin	6 AUC	1	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 33, 34
Paclitaxel	175 (80-90)	1	Q3W (QW)		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 35, 36
Docetaxel	80-100 (35)	1, 8, 15 (1)	Q3W (QW)		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 37
Vinorelbine	30-35 (25)	1, 8 (1)	Q3W (QW)		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 33, 38, 39
Capecitabine	1000-1250	1-14	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
T-DM1	3.6 mg/kg	1	Q3W		40

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Lapatinib	1250 mg PO QD	1-21	Q3W		41
Capecitabine	1000 PO BID	1-14	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 33, 39, 42
Capecitabine	1000-1250 PO BID	1-14	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 (4 → 2) mg/kg	1	Q3W (QW)		31, 43
Lapatinib	1000 mg PO QD		Q3W		

★三院有個別版本

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ENDOCRINE THERAPY REGIMENS FOR RECURRENT OR METASTATIC BREAST CANCER

Premenopausal

SERM

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Tamoxifen	20-40 mg PO QD				1

Ovarian ablation or suppression

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Goserelin Acetate	3.6 mg SC		Q4W		5

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leuprolide Acetate	3.75 mg SC		Q4W		6

Postmenopausal

Aromatase inhibitor

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Exemestane	25 mg PO QD				2

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Anastrozole	1 mg PO QD				3

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Letrozole	2.5 mg PO QD				4

SERD

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Fulvestrant	500 IM		Q4W		7

CDK4/6 inhibitor+AI (for Her2-negative)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Palbociclib	125 mg PO QD	1-21	Q4W		8
Letrozole	2.5 mg PO QD	1-21	Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Palbociclib	125 mg PO QD	1-21	Q4W		8
Anastrozole	1 mg PO QD	1-21	Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Palbociclib	125 mg PO QD	1-21	Q4W		8
Exemestane	25 mg PO QD	1-21	Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Ribociclib	600 mg PO QD	1-21	Q4W		9
Letrozole	2.5 mg PO QD	1-21	Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Ribociclib	600 mg PO QD	1-21	Q4W		9
Anastrozole	1 mg PO QD	1-21	Q4W		

CDK4/6 inhibitor + SERD

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Palbociclib	125 mg PO QD	1-21	Q4W		10
Fulvestrant	500 IM	1, 15 → 1	Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Palbociclib	600 mg PO QD	1-21	Q4W		11
Fulvestrant	500 IM	1, 15 → 1	Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Everolimus	10 mg PO QD		Q4W		12
Fulvestrant	500 IM		Q4W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Everolimus	10 mg PO QD				13
Tamoxifen	20-40 mg PO QD				

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《乳癌放射治療共識》

一、治療範圍

1. 患側乳房 (乳房保留手術)
2. 患側胸壁
3. 患側高風險淋巴轉移範圍
4. 符合條件的患者可僅照射腫瘤原發部位及高風險周邊範圍
5. 淋巴引流區可包涵內乳淋巴結

二、治療劑量 / 次數

1. 乳房保留術後輔助治療
患側乳房 / 高風險淋巴轉移範圍 (劑量：50-50.4Gy / 次數：25-28 次)
或 (劑量：40-42.5Gy / 次數：15-16 次)
原位癌 / 腫瘤原發部位 / 高風險淋巴轉移範圍追加劑量：10-14Gy / 次數：5-7 次
分次劑量：1.8~2.0Gy 或 2.6~2.7Gy
2. 改良型乳房根除術後輔助治療
患側胸壁 / 高風險淋巴轉移：45-50.4Gy / 次數：25-28 次
腫瘤原發部位 / 高風險淋巴轉移範圍 追加劑量：10-14Gy / 次數：5-7 次
2. 術中單次放射線治療 (IORT)
基底部位：20~21Gy / 次數：1 次

三、治療方式：

使用強度調控放射治療技術，包含弧形及螺旋放射規劃，可考慮搭配影像導引治療，治療選擇可使用同步照射高與低危險部位的方式或先給予整個照射部位部份劑量照射後，再針對高危險部位加強劑量

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