



UCCH Pathway

UCCH Guideline Early Breast Cancer

2.03.01 Anlage 07

Version April 2023

Guideline Early Breast Cancer

Version 12, April 2023

according to TNM classification 8th edition

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Implemented

Apr/2008

Revised

2012, 2013, Nov/2015, May 2017, June 2018, April 2020, April 2023

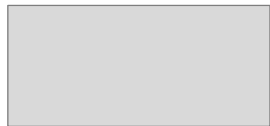
Next planned review

May 2024

Legend of Colours



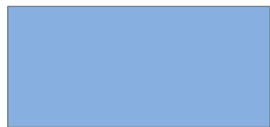
= Therapeutic procedure



= Clinical or diagnostic condition



= Diagnostic procedure



= Clinical trial



= Supportive measure



= Referral



= Tumorboard
(including post
tumorboard interaction
with patient that follows
the principles of shared
decision-making)

Work up

Baseline:

- Medical history
- Physical examination
- Biopsy of the suspicious lesion
- Mammography and ultrasound of both breasts, in case of unclear results MRI of the breasts

In case of malignant finding:

- Laboratory work-up

In case of clinical suspected and / or pathologic confirmed involvement of axillary lymph nodes, in case of primary systemic treatment or in case of recurrent disease:

- Staging (CT scan of the thorax and the abdomen, abdominal ultrasound and chest X-ray if CT scan is not feasible, bone scintigraphy)

Supportive:

- Offer contact to patient group
- Offer psychooncological support
- Offer social services
- Offer fertility counseling (for pat. <40 years)
- Offer genetic counseling in case of fulfilled criteria (GC-HBOC)



Primary Systemic Treatment*

yes

Primary Systemic
Chemotherapy

Pathway page 2

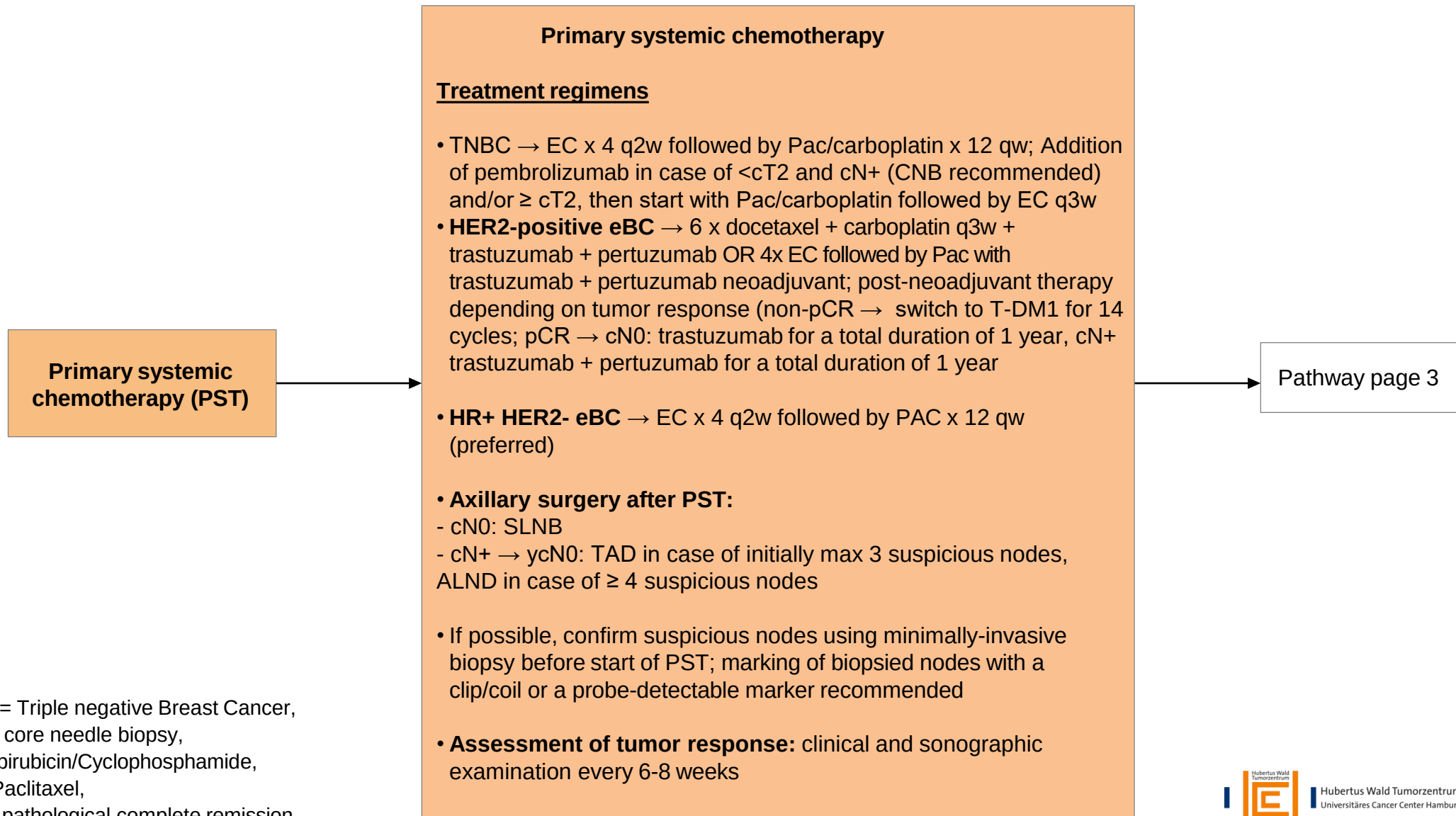
no

Surgical resection

Pathway page 3

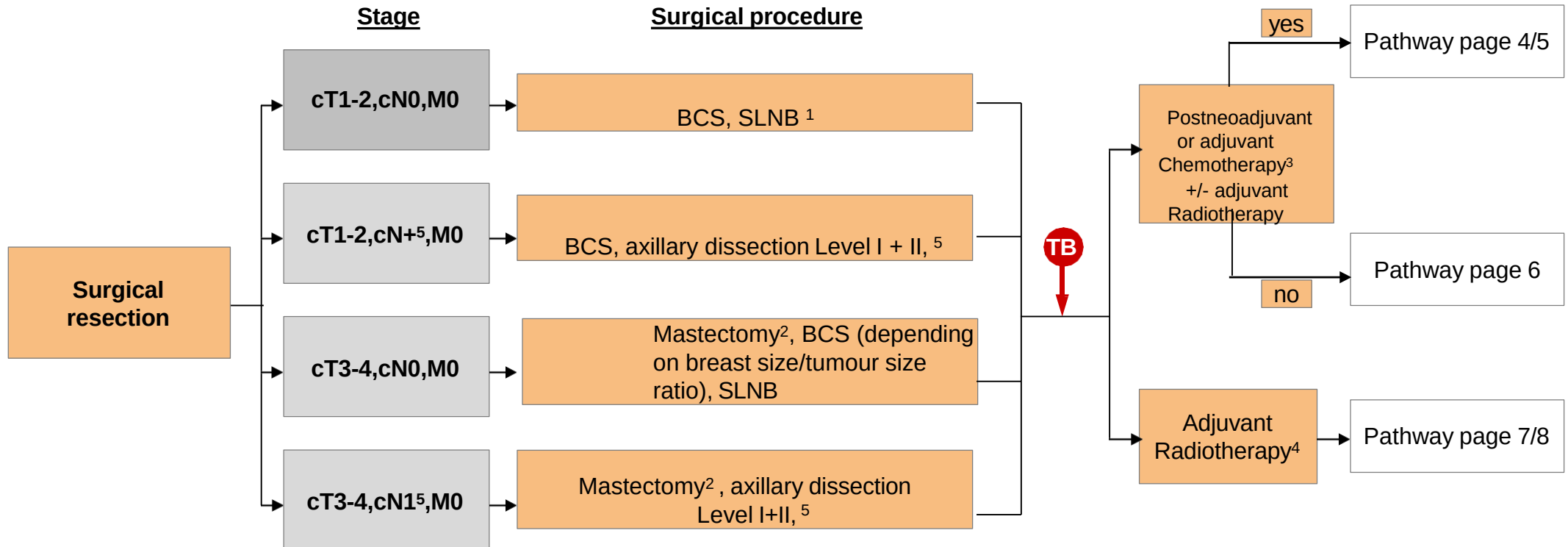
* based on general indication for chemotherapy, in addition improvement of surgical outcome expected

Pathway page 2: Primary systemic chemotherapy (PST)



TNBC= Triple negative Breast Cancer,
CNB= core needle biopsy,
EC=Epirubicin/Cyclophosphamide,
Pac=Paclitaxel,
pCR= pathological complete remission,
TAD= Targeted axillary dissection

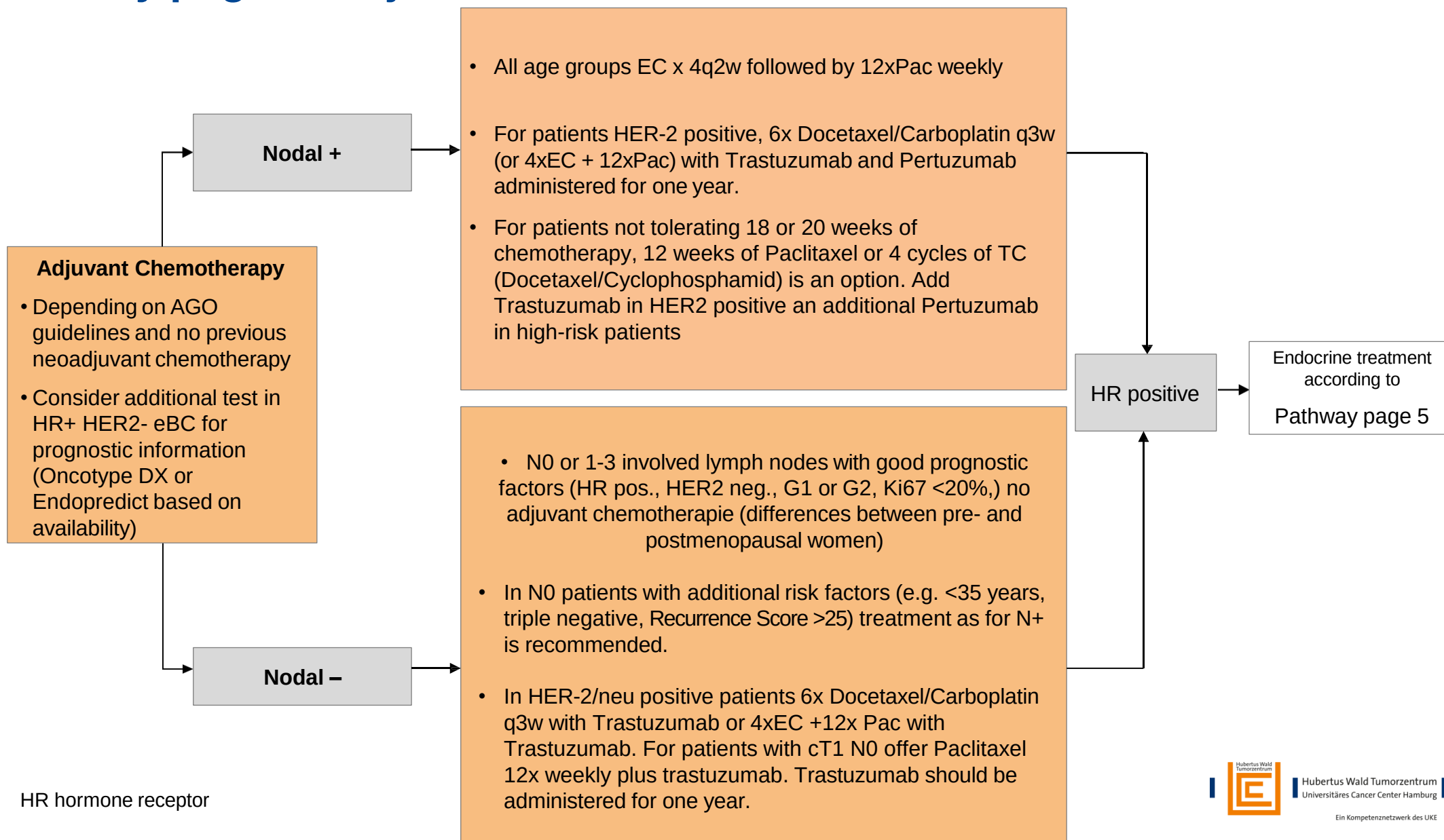
Pathway page 3: Surgical resection



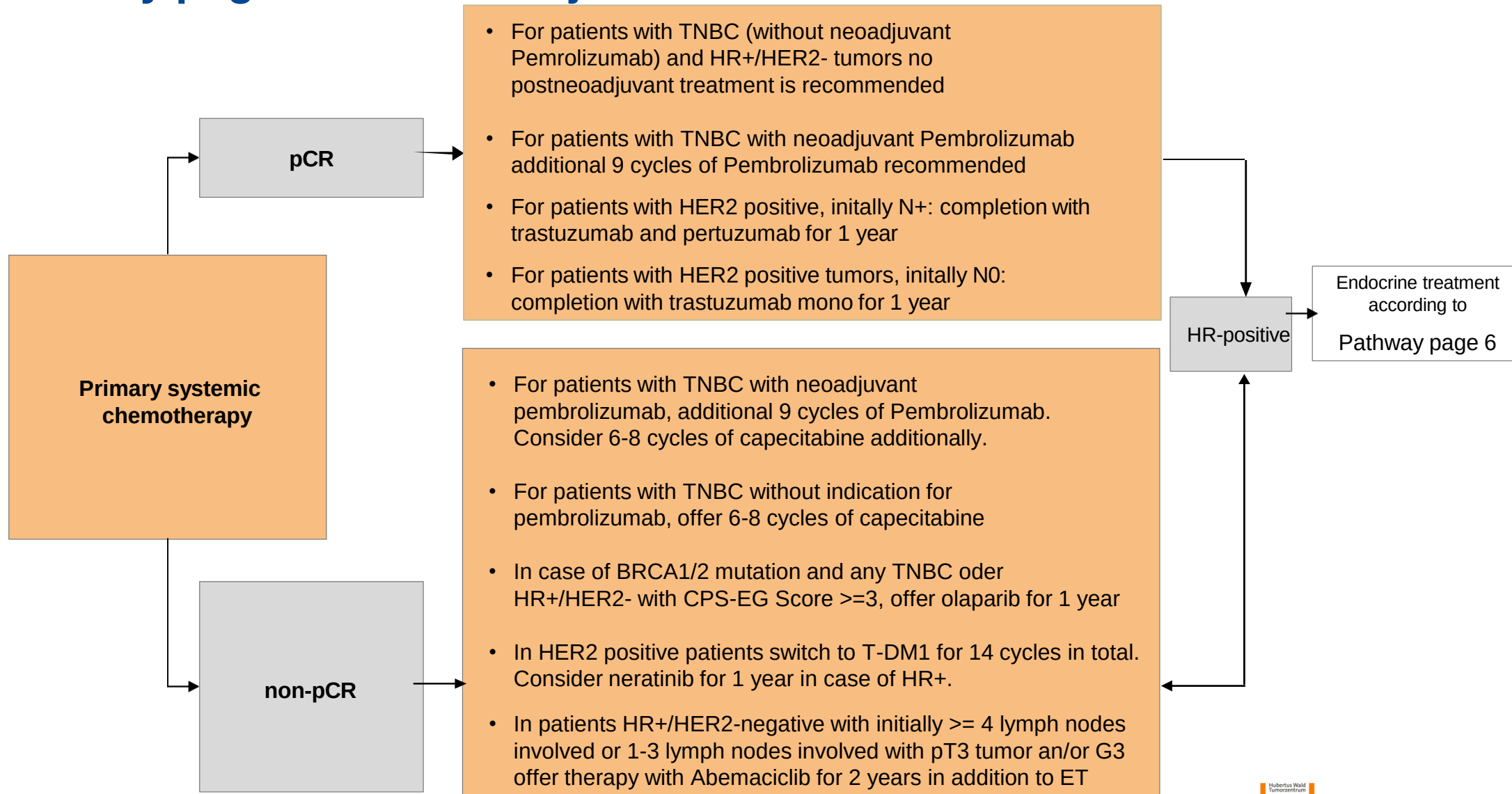
BCS Breast Conserving Surgery / SLNB Sentinel lymph node biopsy / TAD Targeted axillary dissection / PST primary systemic chemotherapy

- 1 Patients are offered to omit complete axillary dissection in case of BCS and consecutive radiotherapy including a tangential field if only 1 or 2 SLN are tumor involved (without gross extracapsular extension ECE)
- 2 The patient should be counseled about reconstructive options and their advantages and disadvantages (immediate vs. delayed reconstruction, implant/tissue expander vs. autologous reconstruction vs. combination).
Depending on individual situation and patient based on our own SOP and AGO guidelines for risk stratification for node negative and pN1a breast cancer.
- 3 Risk prediction is based on clinic-pathologic factors. If these factors do not allow a recommendation concerning the use of chemotherapy a multigene test can be performed, e.g. Oncotype DX or Endopredict.
Radiation therapy of breast or thoracic wall commonly follows chemotherapy when chemotherapy is indicated
After primary systemic chemotherapy tumor resection is done in new margins.
5 Nodal status should be confirmed by core needle biopsy in case of suspected involved axillary lymph nodes. TAD/SLNB possible when initially pN+ converting to yN0 after PST.

Pathway page 4: Adjuvant treatment

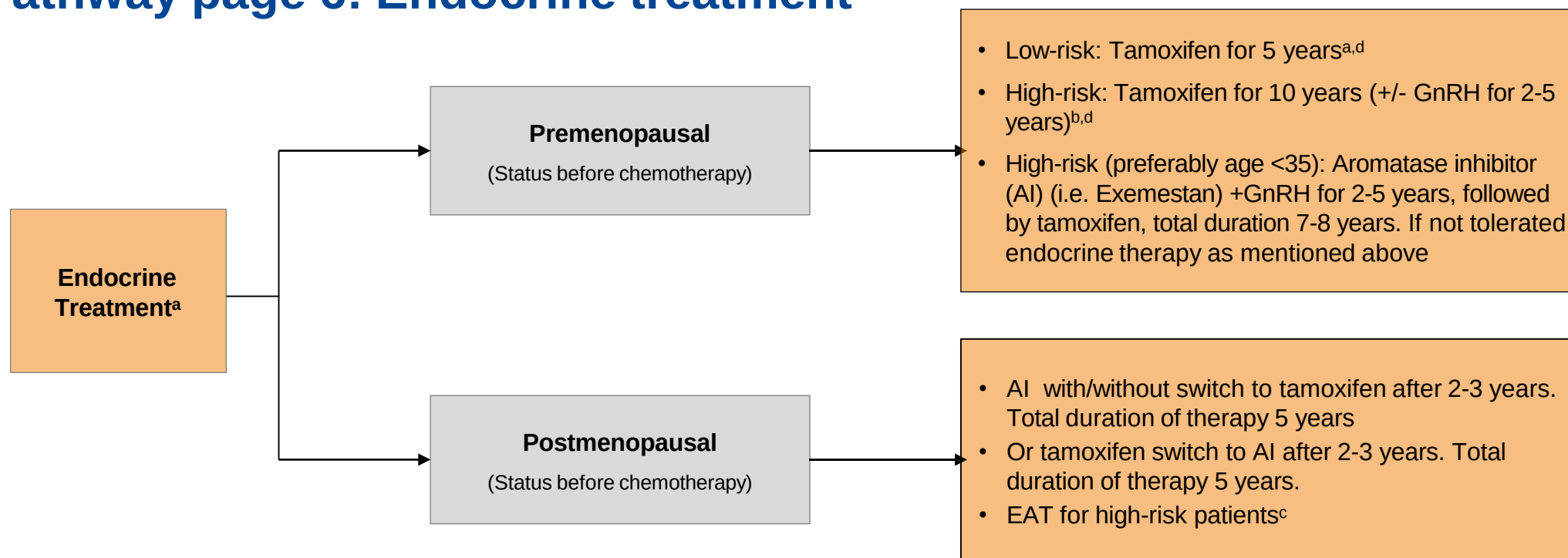


Pathway page 5: Postneoadjuvant treatment



pCR = pathologic complete response

Pathway page 6: Endocrine treatment

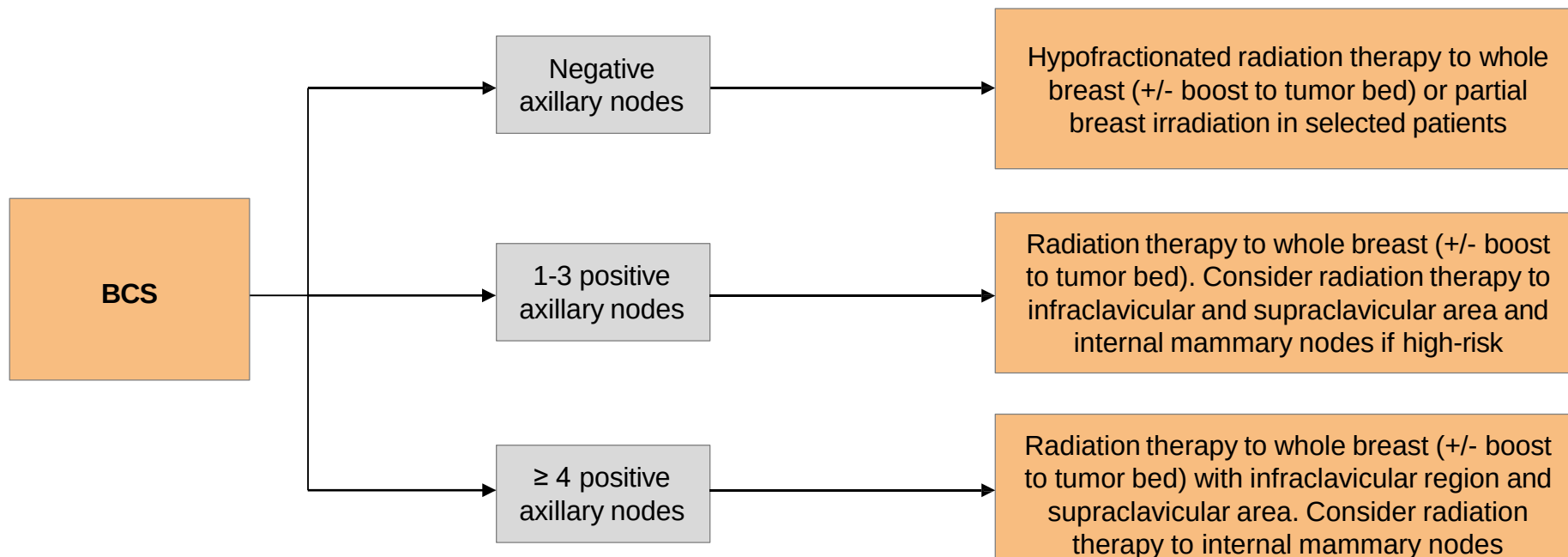


- ^a ER positive and also patients with questionable response to endocrine therapy (1-9% positive cells) should be considered positive. For premenopausal patients with contraindications to tamoxifen, GnRH analogues for 5 years could be administered.
- ^b In young patients (<45 years) and ovarian recovery with high risk of recurrence (node positive and/or indication for chemotherapy) addition of GnRH-Analogue should be offered. In very young patients (< 35 years) with high risk of recurrence the combination of Exemestan and GnRH analogue should be offered. However, these therapies can have more side effects and patients can switch to tamoxifen if these options are not tolerated.
- ^c Duration of therapy more than 5 years of benefit in several studies. Patients should be informed about this fact and discuss this after completing of 5 years therapy with their physicians. Longer duration recommended for patients with higher risk of recurrence after 5 years (N pos and/or indication of chemotherapy). Patients should be informed about study results demonstrating benefit of zoledronic acid for postmenopausal patients administered q6mon for at least 2 years. High risk patients should be offered to receive zoledronic acid, also after chemotherapy.

^d switch from Tam to AI after 2-3 years possible if patient is postmenopausal

EAT= extended adjuvant treatment

Pathway page 7: Radiotherapy after breast conserving therapy



Pathway page 8: Radiotherapy after mastectomy

