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Guidelines Breast
Version 2021.1D

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FORSCHEN
LEHREN
HEILEN

Diagnostik und Therapie früher und fortgeschrittener Mammakarzinome

Therapiealgorithmen

Präambel:

Die in den Algorithmen dargestellten Therapieoptionen stützen sich auf die aktuellen AGO Empfehlungen, können aber nicht alle evidenzbasierten Therapieschritte abbilden, da Vortherapien, Allgemeinzustand, Komorbiditäten, Patientenwunsch usw. für die tatsächliche Therapieentscheidung mitberücksichtigt werden müssen. Im Einzelfall können auch andere, hier nicht aufgeführte, evidenzbasierte Therapieschritte leitliniengerecht und sinnvoll sein.

In den Algorithmen werden unabhängig vom Zulassungsstatus nur Substanzen berücksichtigt, die in Deutschland zum Zeitpunkt der letzten Aktualisierung des Algorithmus verfügbar waren.



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Therapiealgorithmen

■ Version 2021:

Schneeweiss / Bauerfeind / Fehm / Müller / Thomssen / Witzel /
Wöckel / Janni

■ Format-Legende:

- **Text** Definitionen, Merkmale, Parameter
- **Text** Therapiempfehlungen mit dem Empfehlungsgrad AGO+ oder AGO++
- **Text** Therapie mit dem Empfehlungsgrad AGO+/- (Einzelfallentscheidung)
- **—** Empfohlener Weg mit dem Empfehlungsgrad AGO+ oder AGO++
- **- - -** Weg als Einzelfallentscheidung (Empfehlungsgrad AGO+/-)
- **→** Pfeil zeigt auf nächste Therapieoption bei Progression
- **AGO++** AGO Empfehlungsgrad für diesen Weg



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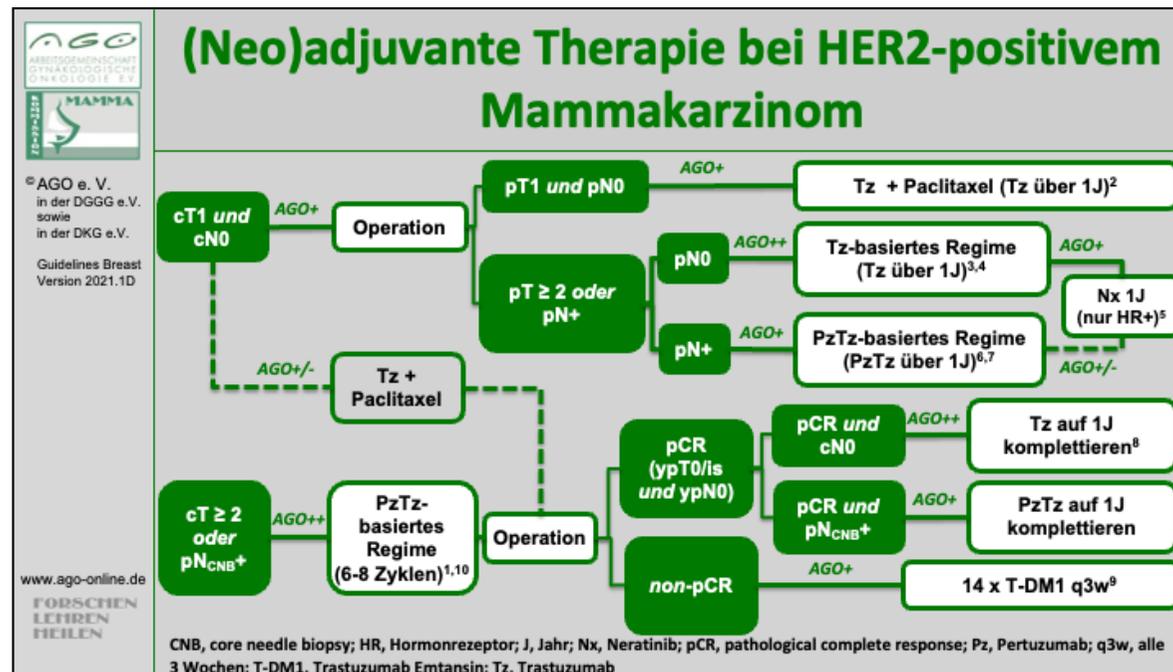
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▪ mBC

- HR-positives/HER2-negatives, metastasiertes Mammakarzinom: Strategien
- HR+/HER2-negatives, metastasiertes Mammakarzinom: Endokrin-basierte Erstlinientherapie
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- Triple-negatives, metastasiertes Mammakarzinom



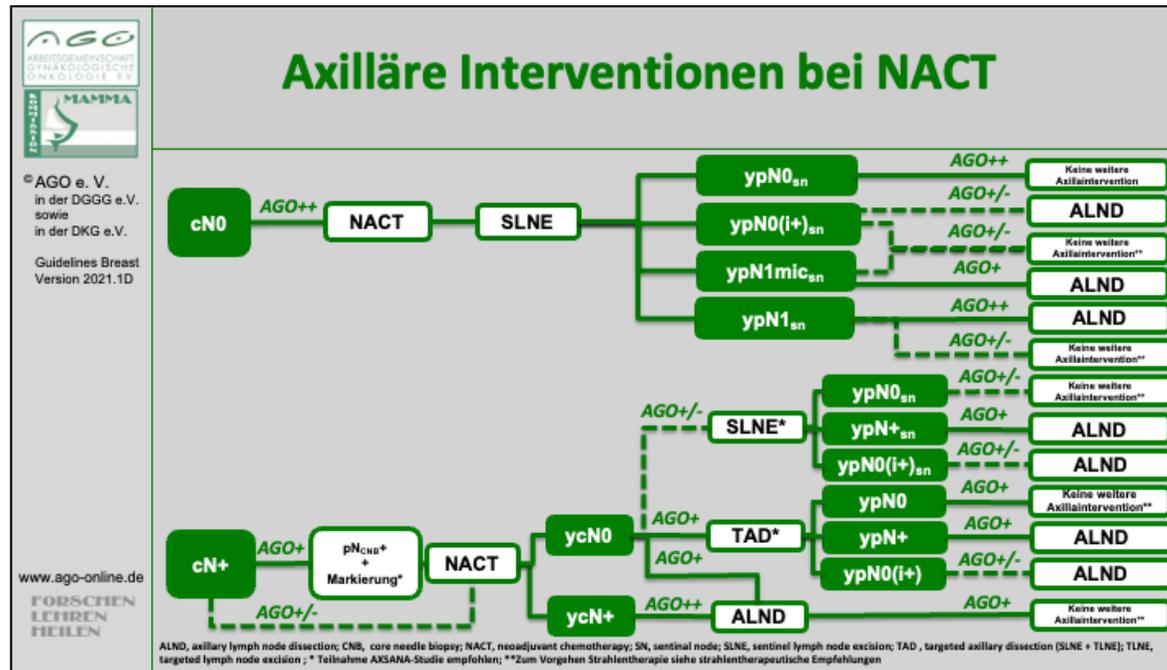
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Complete Axillary lymph node dissection after positive sentinel lymph node may be omitted in certain cases due to lack of benefit in prospectively randomized studies

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Women With Invasive Breast Cancer and Sentinel Node Metastasis: The ACOSOG Z0011 (Alliance) Randomized Clinical Trial. JAMA. 2017 Sep 12;318(10):918-926.

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Axillary intervention after PST

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TAD (+SLNE) after PST, if pN1 (CNB prior to PST and ycN0)

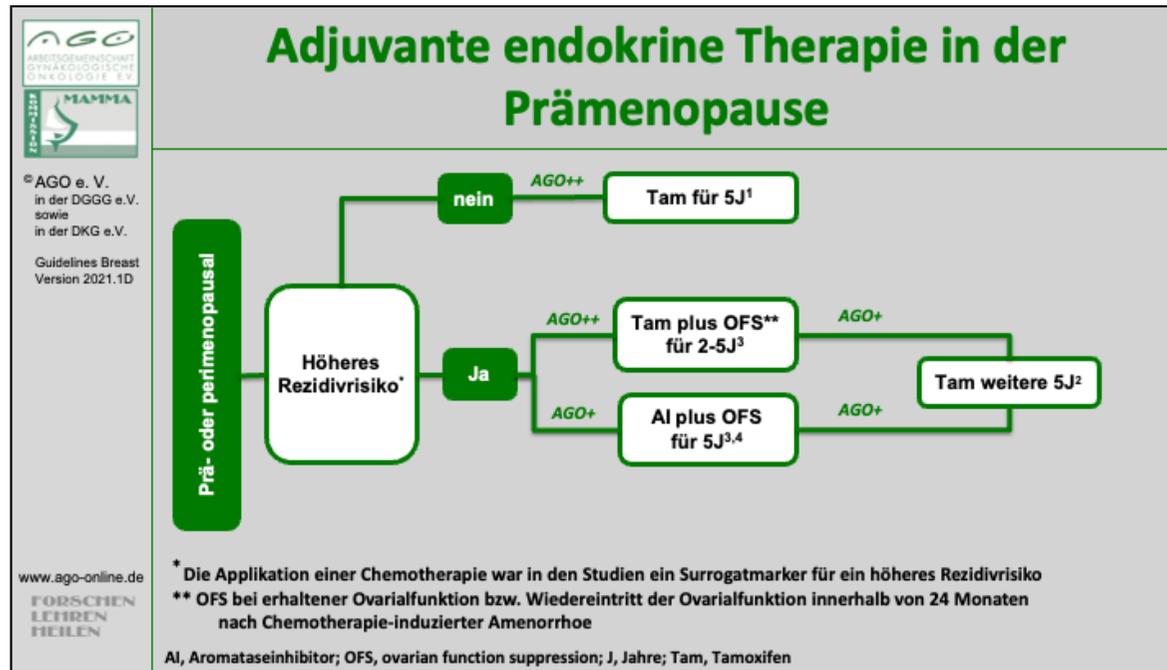
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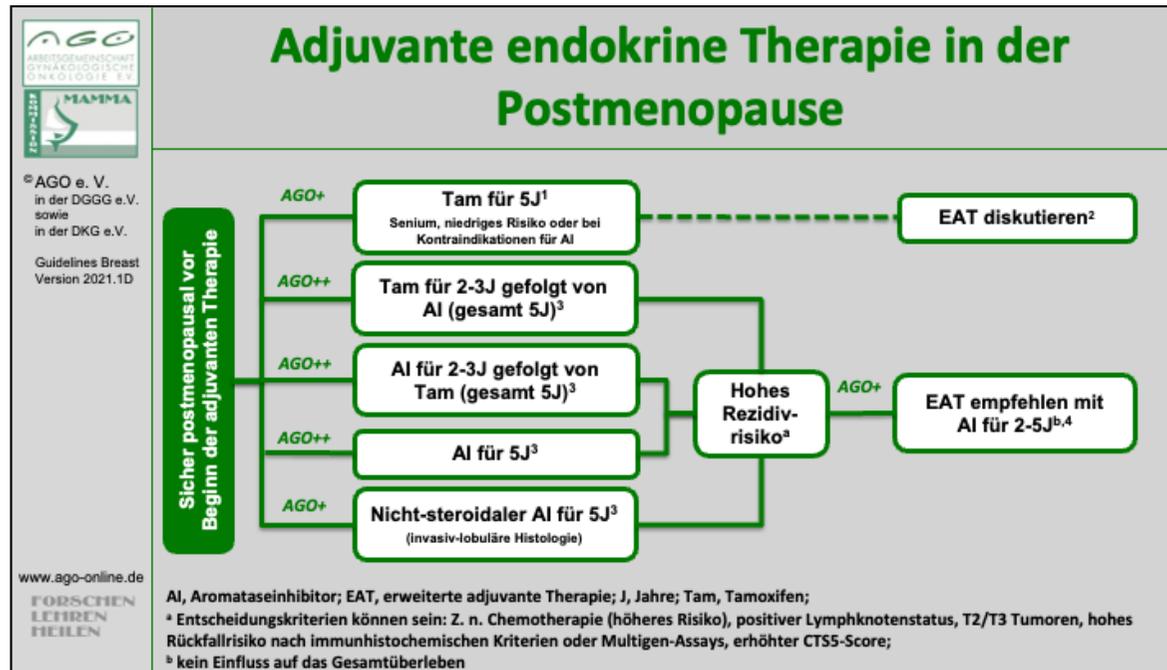
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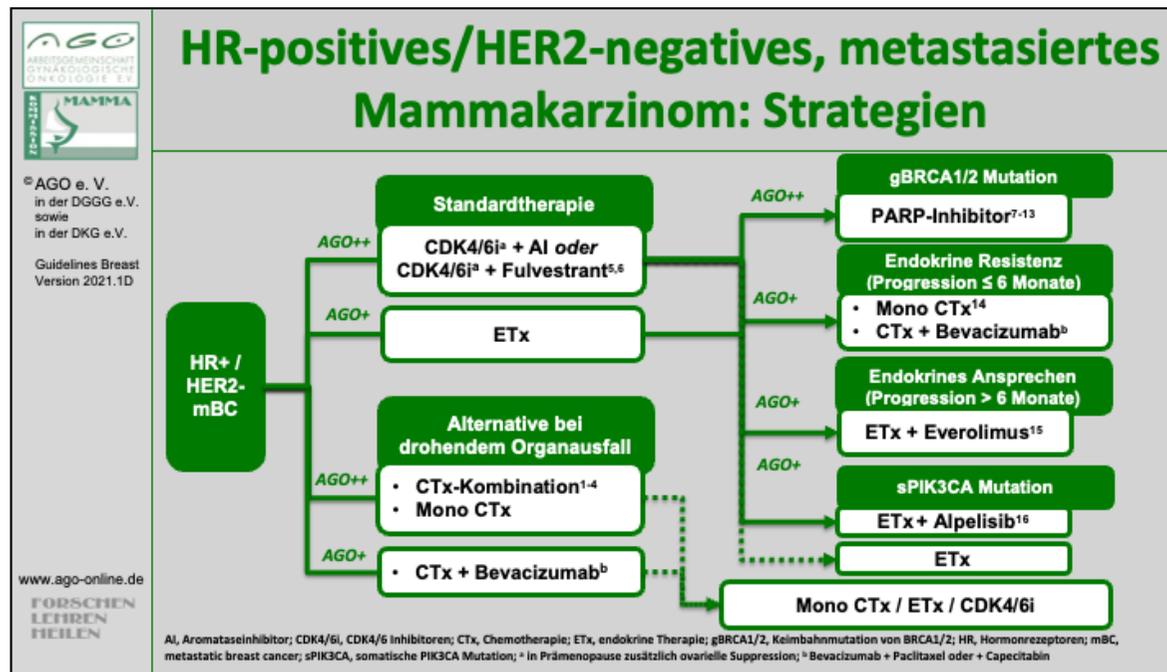
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Chemotherapy mBC

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CDK4/6i meta-analysis

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cancer: an adjusted indirect analysis of randomized controlled trials. *Breast Cancer Res Treat.* 2019 Apr;174(3):597-604. doi:810.1007/s10549-019-05133-y. PMID:30659432

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Olaparib

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Talazoparib

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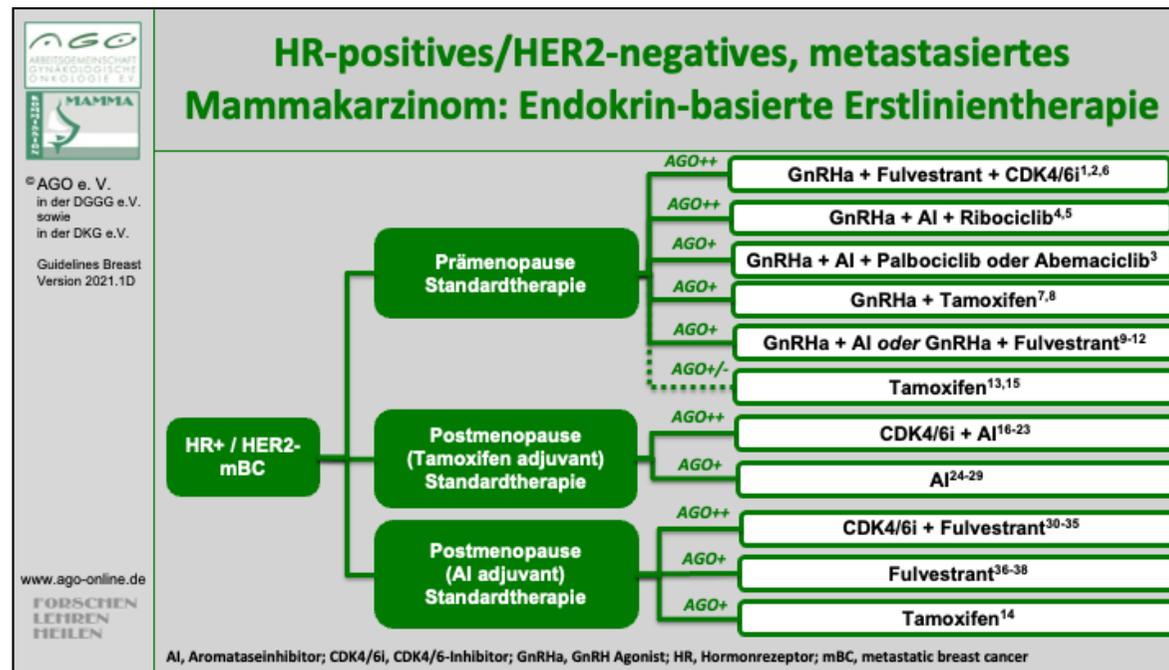
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Chemotherrapy 2th line

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ET+ Ev/Alp

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GnRHa plus fulvestrant plus palbociclib

1. Turner N et al. Palbociclib in Hormone-Receptor-Positive Advanced Breast Cancer. N Engl J Med 2015; 373:209-219
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GnRHa plus AI plus palbociclib

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GnRHa plus AI/Tamoxifen plus ribociclib

4. Tripathy D et al. First-line ribociclib vs placebo with goserelin and tamoxifen or a non-steroidal aromatase inhibitor in premenopausal women with hormone receptor-positive, HER2-negative advanced breast cancer: Results from the randomized phase III MONALEESA-7 trial. SABCs 2017, GS-26

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GnRH plus Fulvestrant + Abemaciclib

6. Sledge GW Jr, Toi M, Neven P, et al. The Effect of Abemaciclib Plus Fulvestrant on Overall Survival in Hormone Receptor-Positive, ERBB2-Negative Breast Cancer That Progressed on Endocrine Therapy-MONARCH 2: A Randomized Clinical Trial. *JAMA Oncol*. 2019 Sep 29. doi: 10.1001/jamaoncol.2019.4782. [Epub ahead of print] PMID:31563959

GnRHa plus tamoxifen (vs. OFS or tam)

7. Klijn JG, Blamey RW, Boccardo F, et al. Combined tamoxifen and luteinizing hormone-releasing hormone (LHRH) agonist versus LHRH agonist alone in premenopausal advanced breast cancer: a meta-analysis of four randomized trials. *J Clin Oncol*. 2001;19(2):343-53.

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GnRHa plus AI (first or second line)

9. Forward DP, Cheung KL, Jackson L, et al. Clinical and endocrine data for goserelin plus anastrozole as second-line endocrine therapy for premenopausal advanced breast cancer. *Br J Cancer*. 2004 ;90(3):590-4.

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GnRHa plus fulvestrant

12. Bartsch R, Bago-Horvath Z, et al. Ovarian function suppression and fulvestrant as endocrine therapy in premenopausal women with

metastatic breast cancer. European Journal of Cancer 48: 1932–1938, 2012.

Ovarian function suppression (OFS), tamoxifen

13. Taylor CW, Green S, Dalton WS, et al: Multicenter randomized clinical trial of goserelin versus surgical ovariectomy in premenopausal patients with receptor-positive metastatic breast cancer: an intergroup study. J Clin Oncol 1998;16:994-999.

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Letrozole and palbociclib (vs. letrozole alone)

16. Finn RS, et al. Palbociclib and Letrozole in Advanced Breast Cancer. N Engl J Med. 2016;375(20):1925-1936.

17. Finn RS, et al. The cyclin-dependent kinase 4/6 inhibitor palbociclib in combination with letrozole versus letrozole alone as first-line treatment of oestrogen receptor-positive, HER2-negative, advanced breast cancer (PALOMA-1/TRIO-18): a randomised phase 2 study. Lancet Oncol 2015;16(1):25-35.

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Letrozol plus Ribociclib

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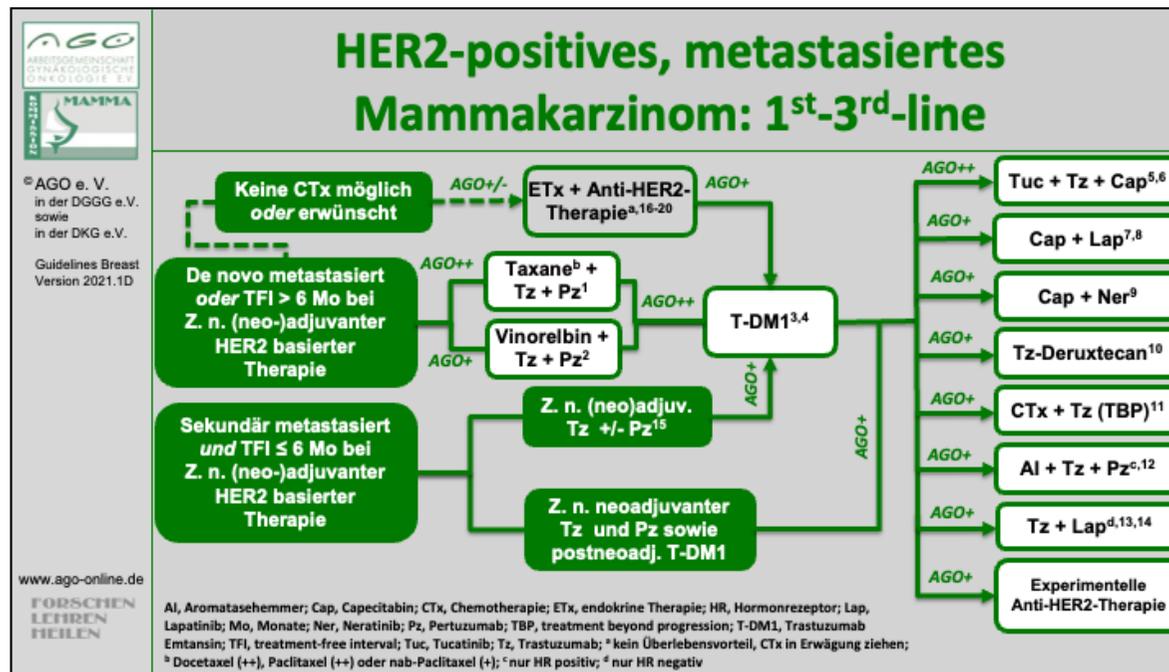
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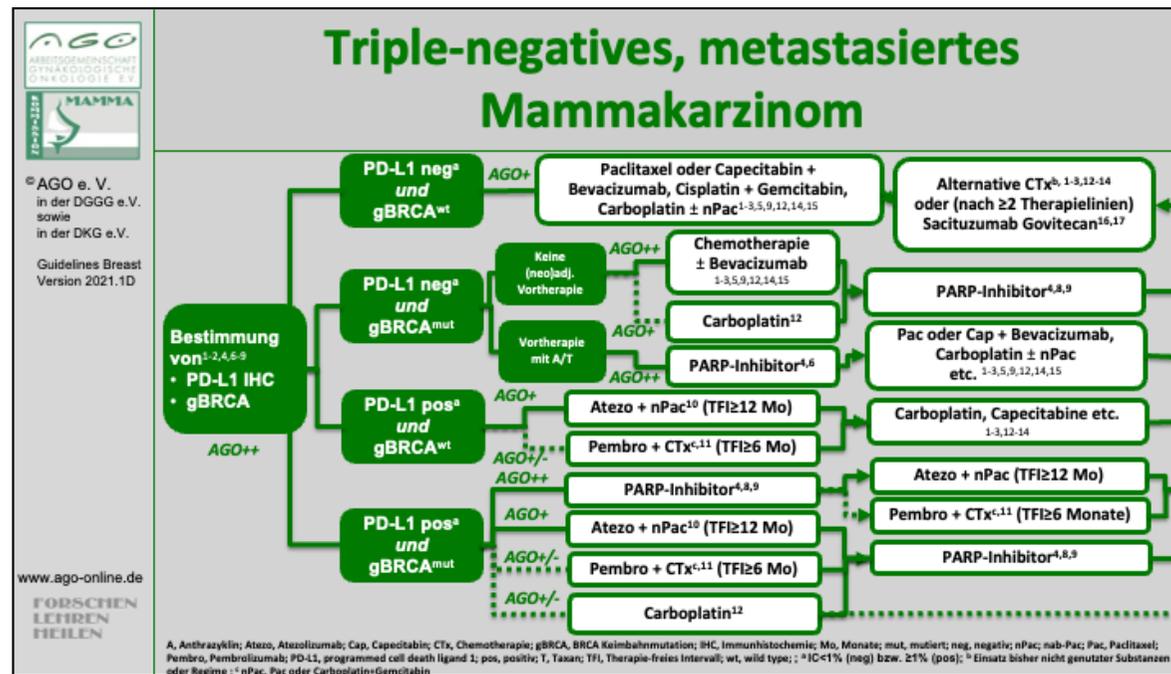


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