



Diagnosis and Treatment of Patients with Primary and Metastatic Breast Cancer

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sowie
in der DKG e.V.

Guidelines Breast
Version 2009.1.0

START

FORSCHEN
LEHREN
HEILEN

Prognostic and Predictive Factors



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Further
Information

References

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Definition

A ***Prognostic Factor*** is any parameter available at the time of surgery that correlates with disease-free or overall survival in the absence of systemic adjuvant therapy and, as a result, is able to correlate with the natural history of the disease.

A ***Predictive Factor*** is any parameter associated with response to a given therapy.

Factor		Oxford / AGO LoE / GR
➤ Grade		2b B ++
➤ Tumor size		2b B +
➤ Age		2b B +
➤ uPA / PAI-1 (ELISA)		1a A +
➤ Proliferation (SPF, TLI, Ki-67)		2b C +/-
➤ Oncotype DX™		2b B +/-*
➤ Mammaprint™		2b B +/-*

*Study participation recommended

Treatment	Factor	Oxford / AGO LoE / GR
Endocrine therapy	ER/PgR Status	1a A ++
	HER-2	2b D -
	Oncotype DX™	2b B +/-*
Tamoxifen therapy	Cyp2D6 polymorphism	2b B +/-*
Ovarian ablation	menopausal status	1c A ++
Aromatase inhib.	menopausal status	1c A ++
Chemotherapy	HER-2	2b D -
	ER/PgR status	2a B +/-
	uPA/PAI-1	2a C +/-
	Oncotype DX™	2b B +/-*
HER-2 directed therapies	HER-2	2b D ++
Anthracyclines	Topoisomerase IIα	2b ^a B -

*Study participation recommended