

70–Gene Assay [MammaPrint] is the ONLY Genomic Assay with FDA Clearance and Category 1 Evidence According to Both National Comprehensive Cancer Network® [NCCN®] and American Society of Clinical Oncology [ASCO®]



National Comprehensive Cancer Network® [NCCN®]

PATIENT GROUP	RECOMMENDATION	CATEGORY OF EVIDENCE
ER/PgR-positive, HER2-negative, lymph node negative breast cancer	70–gene assay [MammaPrint] received an NCCN Category 1 Evidence and Consensus recommendation.	1
ER/PgR-positive, HER2-negative, 1–3 lymph node positive breast cancer	Of the multigene assays considered for lymph node positive breast cancers, only the 70–gene assay [MammaPrint] was given Category 1 endorsement. All other multigene assays for lymph node-positive breast cancer were given a Category 2A recommendation.	1

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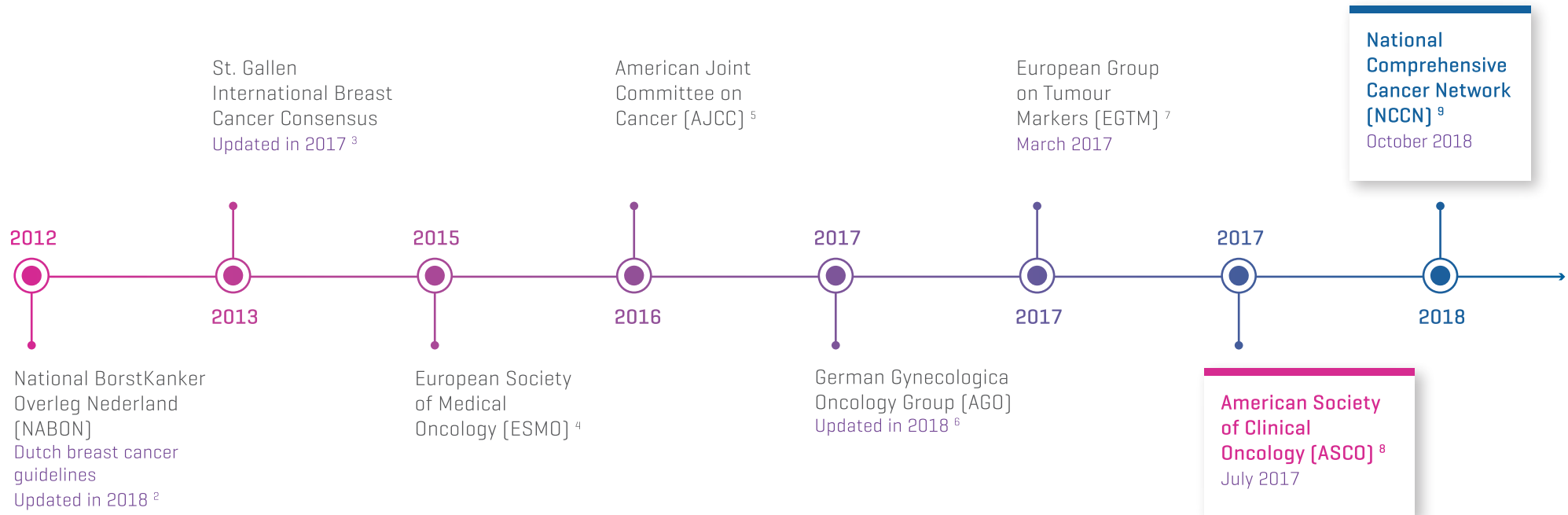
American Society of Clinical Oncology [ASCO®]

PATIENT GROUP	RECOMMENDATION	EVIDENCE
ER/PgR-positive, HER2-negative, lymph node negative breast cancer	MammaPrint may be used in patients with high clinical risk per MINDACT categorization to inform decisions on withholding adjuvant systemic chemotherapy due to its ability to identify a good prognosis population with potentially limited chemotherapy benefit.	TYPE: Evidence-based EVIDENCE QUALITY: High STRENGTH: Strong
ER/PgR-positive, HER2-negative, 1–3 lymph node positive breast cancer	MammaPrint may be used in patients at high clinical risk per MINDACT categorization to inform decisions on withholding adjuvant systemic chemotherapy. However, such patients should be informed that a benefit of chemotherapy cannot be excluded, particularly in patients with greater than one involved lymph node.	TYPE: Evidence-based EVIDENCE QUALITY: High STRENGTH: Moderate

Adapted from Use of Biomarkers to Guide Decisions on Adjuvant Systemic Therapy for Women with Early-Stage Invasive Breast Cancer: American Society of Clinical Oncology Practice Guidelines.

70-Gene Assay [MammaPrint]: Recommended in International Breast Cancer Clinical Practice Guidelines

Following the publication of the results of MINDACT¹ in the New England Journal of Medicine in August 2016, the medical societies that reviewed the findings have included or expanded their recommendation of MammaPrint based on this landmark clinical trial.



REFERENCES

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⁴ Senkus E, Kyriakides S, Ohno S, et al. Primary breast cancer: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up. Ann Oncol [2015] 26 [suppl_5]: v8-v30

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⁶ AGO Breast Committee. Diagnosis and Treatment of Patients with Primary and Metastatic Breast Cancer. Recommendations 2018. Accessed - 18 October 2018 [<http://www.ago-online.de/en/guidelines-mamma/march-2018/>]

⁷ Duffy MJ, et al. Clinical use of biomarkers in breast cancer: Updated guidelines from the European Group on Tumor Markers [EGTM]. Eur J Cancer. 2017 Feb 27;75:284-298.

⁸ Krop I, Ismaila N, Andre F et al. Use of Biomarkers to Guide Decisions on Adjuvant Systemic Therapy for Women With Early-Stage Invasive Breast Cancer: American Society of Clinical Oncology Clinical Practice Guideline Focused Update. DOI: 10.1200/JCO.2017.74.0472 Journal of Clinical Oncology - published online before print July 10, 2017.

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