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oktober 2026

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BOOG 2002-04 / HERA

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3. The magnitude of trastuzumab benefit in HER2-positive (HER2+) lobular breast carcinoma (BC): Results from the HERA Trial
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BOOG 2003-02 / CALOR

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Poor Prognosis After Second Locoregional Recurrences in the CALOR Trial
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Andre´ Robidoux, MD5, Miguel Martı´n, MD6, Johan W. R. Nortier, MD7, Charles E. Geyer Jr, MD8,

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BOOG 2004-04 / MATADOR

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BOOG 2005-03 / MINDACT

Locoregional Breast Cancer Recurrence in the European Organisation for Research and Treatment of Cancer 10041/BIG 03-04 MINDACT Trial: Analysis of Risk Factors Including the 70-Gene Signature
Sena Alaeikhanehshir, MD, Taiwo Ajayi, MSc, Frederieke H. Duijnhoven, MD PhD, Coralie Poncet, MSc, Ridwan O. Olaniran, PhD, Esther H. Lips, PhD, Laura J. van 't Veer, PhD, Suzette Delaloge, MD MSc, Isabel T. Rubio, MD PhD, Alastair M. Thompson, MD FACS, Fatima Cardoso, MD PhD, Martine Piccart, MD PhD and Emiel J.T. Rutgers, MD PhD
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SABCS 2014, publication number P3-06-09

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Prognostic impact of isolated tumor cells in breast cancer axillary nodes: single tumor cell(s) versus tumor cell cluster(s) and microanatomic location.
J.H.M.J. Vestjens, M. de Boer, P.J. van Diest, C.H.M. van Deurzen, J.A.A.M. van Dijck, G.F. Borm, E.M.M. Adang, P. Bult, and V.C.G. Tjan-Heijnen.
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Micrometastases and isolated tumor cells in breast cancer are indeed associated with poorer outcome.
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Micrometastases or Isolated Tumor Cells and the Outcome of Breast Cancer
M. de Boer, C.H.M. van Deurzen, J.A.A.M. van Dijck, G.F. Borm, P.J. van Diest, E.M.M. Adang, J.W.R. Nortier, E.J.Th. Rutgers, C. Seynaeve, M.B.E. Menke-Pluymers, P. Bult, V.C.G. Tjan-Heijnen.
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BOOG 2007-01 / ALLTO
Adjuvant aromatase inhibitor or tamoxifen in patients with hormone receptor-positive/HER2-positive early breast cancer: An exploratory analysis from the ALTTO (BIG 2-06) trial
M. Lambertini; F. Samy; E. Agostinetto; L. Arecco; P. Freire; A. Sonnenblick; G. Arpino; L. Del Mastro; A. Choudhury; N. Harbeck; I. Vaz-Luis; V. Kaklamani; A. Wolff; A. Partridge; S. Loi; S. Fielding; M. Piccart; S. Di Cosimo; E. de Azambuja
Clin Cancer Res (2026) 32 (4_Supplement): GS1-03. https://doi.org/10.1158/1557-3265.SABCS25-GS1-03

Poster presentation ASCO 2025: *Long-term outcomes of patients with HER2-positive invasive lobular carcinoma in the ALTTO trial (BIG 2-06/NCCTG N063D)*

Mini oral presentation ESMO Breast 2025: *Post-mastectomy radiation therapy (PMRT) in patients with Human Epidermal growth factor Receptor 2 (HER2)-positive breast cancer: Analysis of the adjuvant Lapatinib and/or Trastuzumab Treatment Optimization (ALTTO) trial [BIG 2-06/NCCTG N063D (Alliance)]*

Poster ESMO Breast 2025: *Long-term Outcomes of Patients with HER2-Positive Breast Cancer and Rare Special Histologies in the ALTTOTrial [BIG 2-06/NCCTG N063D*

Adjuvant aromatase inhibitor or tamoxifen in patients with hormone receptor-positive/HER2-positive early breast cancer: an exploratory analysis from the ALTTO (BIG 2-06) trial.
M. Lambertini
Accepted as oral presentation SABCS 2025

Homologous Recombination Deficiency (HRD) in HER2-positive (HER2+) Early-Breast Cancer (EBC) Patients (pts): Biological Insights and Clinical Implications from Three Clinical Trials
Serena Di Cosimo, Lucie Cervenkova, Valentina Appierto, Evandro de Azambuja, Aranzazu Fernandez-Martinez, Elisa Gasparini, Cinzia De Marco, Alvaro Moreno-Aspitia, Andrea Vingiani, Anup Choudhury, Antonella Ferro, Martina Rotolo, Paolo Verderio, Martine Piccart, Charles M. Perou, Lisa A. Carey, Massimo Dominici, Giancarlo Pruneri, Christos Sotiriou, Laura Cortesi
Poster presentation MAP ESMO 2025 (15-16 September)

Final analysis of the ALTTO trial: adjuvant trastuzumab in sequence or in combination with lapatinib in patients with HER2-positive early breast cancer [BIG 2-06/NCCTG N063D (Alliance)]
De Azambuja E, Piccart-Gebhart M, Fielding S, et al.
ESMO Open. 2024;9(11):103938. doi:10.1016/j.esmoop.2024.103938
https://www.esmoopen.com/article/S2059-7029(24)01708-3/fulltext

Identification of HER2-positive breast cancer molecular subtypes with potential clinical implications in the ALTTO clinical trial
Nature Communications 29 November 2024, Vol. 15, Article number: 10402 (2024)

The impact of erythropoiesis-stimulating agents administration concomitantly with adjuvant anti-HER2 treatments on the outcomes of patients with early breast cancer: a sub-analysis of the ALTTO study
Diogo Martins-Branco et al.
Breast Cancer Res Treat. 2024. 203(3); 497-509 doi:10.1007/s10549-023-07159-9

PREDICT underestimates survival of patients with HER2-positive early-stage breast cancer
Agostinetto E, Ameye L, Martel S, et al. PREDICT underestimates survival of patients with HER2-positive early-stage breast cancer. *ALTTO (BIG 2-06) Publication in npj Breast Cancer, 20 July 2022. npj Breast Cancer, 20 July 2022.* PMID: 35859079 NPJ Breast – Matteo Lambertini – AD 0107 **Abstract Title: Prognostic and predictive implications of the intrinsic subtypes and gene expression signatures in early-stage HER2+ breast cancer: A pooled analysis of CALGB 40601, NeoALTTO, and NSABP B-41 trials. Session Type/Title: Poster Discussion Session/ Breast Cancer—Local/Regional/Adjuvant**
Aranzazu Fernandez-Martinez
June 6, 2022, 1:15 PM-2:45 PM; 8:00 AM-11:00 AM CDT

Abstract 522: Effect of mevalonate pathway inhibitors on outcomes of patients (pts) with HER2-positive early breast cancer (BC) in the ALTTO trial
Carmine De Angelis, Jamunarani Veeraraghavan, Vidyalakshmi Sethunath, Lieveke Ameye, Marianne Paesmans, Sarra El-Abed, Anup Choudhury, Sylvia Napoleone, Saranya Chumsri,

Martine J. Piccart-Gebhart, Alvaro Moreno-Aspitia, Henry Leonidas Gomez, Giuseppe Viale, Susan G. Hilsenbeck, Mothaffar F. Rimawi, C. Kent Osborne, Evandro de Azambuja, Rachel Schiff
June 6, 2022, 8:00 AM-11:00 AM CDT, Poster ASCO Am AD0005

Updated results from the international phase III ALTTO trial (BIG 2-06/Alliance N063D)
FlorentineHilbers, SarraEl-Abed, Vasiliki Balta, Celine Schurmans, Daniela D.Rosa, Kamal Saini, Otto Metzger Filho, Robin McConnell, Vicki Paterson, Christine Campbell, Eleanor McFadden, Emma Paterson, Garrick Kassab, *Presented at the 2017 annual meeting of the American Society of Clinical Oncology. European Journal of Cancer,Volume 148, May 2021, Pages 287-296*

Prognostic role of distant disease-free interval from completion of adjuvant trastuzumab in HER2-positive early breast cancer: Analysis from the ALTTO (BIG 2-06) trial
Matteo Lambertini et al; *SABCS 2020 PD3-04*

Long-term cardiac outcomes of patients with HER2-positive breast cancer treated in the adjuvant lapatinib and/or trastuzumab Treatment Optimization Trial.
Eiger D, Pondé NF, Agbor-Tarh D, Moreno-Aspitia A, Piccart M, Hilbers FS, Werner O, Chumsri S, Dueck A, Kroep JR, Gomez H, Láng I, Rodeheffer RJ, Ewer MS, Suter T, de Azambuja E
Br J Cancer. 2020 Mar 16. doi: 10.1038/s41416-020-0786-x. [Epub ahead of print]

Pregnancies during and after trastuzumab and/or lapatinib in patients with human epidermal growth factor receptor 2-positive early breast cancer: Analysis from the NeoALTTO (BIG 1-06) and ALTTO (BIG 2-06) trials
Lambertini M, Martel S, Campbell C, Guillaume S, Hilbers FS, Schuehly U, Korde L, Azim HA Jr, Di Cosimo S, Tenglin RC, Huober J, Baselga J, Moreno-Aspitia A, Piccart-Gebhart M, Gelber RD, de Azambuja E, Ignatiadis M
Cancer. 2019 Jan 15 doi: 10.1002/cncr.31784.

Dissecting the effect of hormone receptor status in patients with HER2-positive early breast cancer: exploratory analysis from the ALTTO (BIG 2-06) randomized clinical trial
Lambertini M, Campbell C, Gelber RD, Viale G, McCullough A, Hilbers F, Korde LA, Werner O, Chumsri S, Jackisch C, Wolff AC, Vaz-Luis I, Ferreira AR, Prat A, Moreno-Aspitia A, Piccart M, Loi S, de Azambuja E *Breast Cancer Res Treat. 2019 May 27 doi: 10.1007/s10549-019-05284-y*

Are we assuming too much with our statistical assumptions? Lessons learned from the ALTTO Trial
Holmes EM, Bradbury I, Williams LS, Korde L, de Azambuja E, Fumagalli D, Moreno-Aspitia A, Baselga J, Piccart-Gebhart M, Dueck AC, Gelber RD
Ann Oncol. 2019 Jun 26.; doi: 10.1093/annonc/mdz195.

Pregnancies during and following trastuzumab (T) and/or lapatinib (L) in patients (pts) with HER2-positive (HER2+) early breast cancer (EBC): Analysis from the NeoALTTO (BIG 1-06) and ALTTO (BIG 2-06) trials
Lambertini M, Martel S, Campbell C, Guillaume S, Hilbers F, Schuehly U, Korde L, Azim H. A., Di Cosimo S, Tenglin R. C., Bodo Huober J, Baselga J, Moreno-Aspitia A, Piccart-Gebhart M. J., Gelber R. D., De Azambuja E., Ignatiadis M
Journal of Clinical Oncology 36, no. 15_suppl (May 20 2018) 10065-10065

Adjuvant Anti-HER2 Therapy, Treatment-Related Amenorrhea, and Survival in Premenopausal HER2-Positive Early Breast Cancer Patients

Lambertini M, Campbell C, Bines J, Korde LA, Izquierdo M, Fumagalli D, Del Mastro L, Ignatiadis M, Pritchard K, Wolff AC, Jackisch C, Lang I, Untch M, Smith I, Boyle F, Xu B, Barrios CH, Baselga J, Moreno-Aspitia A, Piccart M, Gelber RD, de Azambuja E
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Characterisation of the HLA-DRB1*07:01 biomarker for lapatinib-induced liver toxicity during treatment of early-stage breast cancer patients with lapatinib in combination with trastuzumab and/or taxanes
C F. Spraggs, LR Parham, L P Briley, L Warren, L S Williams, D Fraser, Z Jiang, Z Aziz, S Ahmed, G Demetrious, Z Tong, A O. Mehta, N Jackson, J Byrne, M Andersson, M Toi, L Harris, J Gralow, JA Zujewski, R Crescenzo, A Armour, E Perez, M Piccart
Pharmacogenomics J. 2018 May 22;18(3):480-486

Impact of body mass index (BMI) and weight change after treatment in patients (pts) with HER2-positive (HER2+) early breast cancer (EBC): Secondary analysis of the ALTTO BIG 2-06 trial
Martel S, Lambertini M, Agbor-Tarh D, Ponde N, Gombos A, Paterson V, Hilbers F, Korde L, Manukyants A, Dueck A. C., Maurer C, Piccart-Gebhart M. J., Moreno-Aspitia A, Desmedt C, Di Cosimo S, De Azambuja E
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Adjuvant anti-HER2 therapy, treatment-induced amenorrhea (TIA) and survival in premenopausal patients (pts) with HER2-positive (HER2+) early breast cancer (EBC): Analysis from the ALTTO trial (BIG 2-06)
M. Lambertini C. Campbell J. Bines L. Korde M.A. Izquierdo Delso D. Fumagalli K. Pritchard A. Wolff C. Jackisch I. Lang M. Untch I. Smith F.M. Boyle B. Xu C.H. Barrios J. Baselga A. Moreno-Aspitia M. Piccart R. Gelber E. De Azambuja
Ann Oncol. 2017 Sept 1 doi: 10.1093/annonc/mdx362.009

Impact of Diabetes, Insulin, and Metformin Use on the Outcome of Patients With Human Epidermal Growth Factor Receptor 2–Positive Primary Breast Cancer: Analysis From the ALTTO Phase III Randomized Trial
Sonnenblick A., Agbor-Tarh D., Bradbury I., Di Cosimo S., Azim H. A., Fumagalli D., Sarp S., Wolff A. C., Andersson M., Kroep J., Cufer T., Simon S. D., Salman P., Toi M., Harris L., Gralow J., Keane M., Moreno-Aspitia A., Piccart-Gebhart M., de Azambuja E.
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Circulating tumor cell (CTC) enumeration and HER2 assessment as predictors of breast cancer outcomes in the ALTTO (BIG 2-06, Alliance N063D) Trial
Minetta C Liu1, Brigitte Rack2, Amylou C Dueck4, David W Hillman1, Michael B Campion1, Monica M Reinholz3, Kevin C Halling1, Christos Sotiriou5, Françoise Rothé5, Marion Maetens5, Ghizlane Rouas5, Wolfgang Janni6, Antonio C Wolff7, Lyndsay N Harris8, Julie R Gralow9,

Kathleen I Pritchard10, Susan Ellard12, Nguyet A Le-Lindqwister13, Frances Boyle14, Evandro De Azambuja5, Martine J Piccart-Gebhart5, Michail Ignatiadis5 and Edith A Perez11.
SABCS 2014, publication number: P4-01-01

Concordance of HER2 Central Assessment by Two International Central Laboratories: A Ring Study within the Framework of the Adjuvant HER2-Positive ALTTO Trial
McCullough AE, Dell'Orto P, Reinholz MM, Gelber RD, Dueck AC, Russo L, Jenkins RB, Andrighetto S, Chen B, Lingle WL, Jackisch C, Perez EA, Piccart-Gebhart MJ, Viale G.
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J.W.R.Nortier, *NTvO juni 2009*

The new generation of breast cancer clinical trials: the right drug for the right target].
De Azambuja E, Cardoso F, Meirsman L, Straehle C, Dolci S, Vantongelen K, Piccart-Gebhart M.
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Jumping higher: is it still possible? The ALTTO trial challenge
G. Tomassello, E. de Azambuja, P. Dinh,N. Snoj and M. Piccart-Gebhart; *Expert Rev. Anticancer Ther. 8(12), 1883-1890 (2008)*

BOOG 2007-02 / INTENS
Doxorubicin/cyclophosphamide with concurrent versus sequential docetaxel as neoadjuvant treatment in patients with breast cancer
Vriens BE, Aarts MJ, de Vries B, van Gastel SM, Wals J, Smilde TJ, van Warmerdam LJ, de Boer M, van Spronsen DJ, Borm GF, Tjan-Heijnen VC; Breast Cancer Trialists'.
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Neoadjuvant chemotherapy and pathologic complete response in relation to clinical response, results from a phase III study (INTENS) of the Dutch breast cancer trialists' group (BOOG).
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Sequential versus upfront intensified neoadjuvant chemotherapy in patients with large resectable or locally advanced breast cancer (INTENS), toxicity results from a phase III study of the Dutch breast cancer trialists' group (BOOG).
Vriens BEPJ, Van de Vijver KKBT, Boetes C, van Gastel SM, Wals J, Smilde TJ, van Warmerdam LJC, van Laarhoven HWM, van Spronsen DJ, Borm GF, Tjan-Heijnen VCG.
Cancer Res; 71 (24 Suppl) Dec 15, 2011

Sequential versus upfront intensified neoadjuvant chemotherapy in patients with large resectable or locally advanced breast cancer (INTENS), first results from a phase III study of the Dutch breast cancer trialists' group (BOOG).
Vriens BE, Van de Vijver KK, Boetes C, van Gastel SM, Wals J, Smilde TJ, van Warmerdam LJ, van Laarhoven HW, van Spronsen DJ, Borm GF, Tjan-Heijnen VCG.
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BOOG 2008-01 / 2-2-6 G-CSF

Primary Granulocyte Colony-Stimulating Factor for Prophylaxis During the First Two Cycles Only or Throughout All Chemotherapy Cycles in patients with breast cancer at risk for febrile neutropenia

M.J. Aarts, F.P. Peters, C.M. Mandigers, M.W. Dercksen, J.M. Stouthard, J.W.R. Nortier, H.W. van Laarhoven, L.J. van Warmerdam, A.J. van de Wouw, E.M. Jacobs, V. Mattijssen, C.C. van der Rijt, T.J. Smilde, A.W. van der Velden, M. Temizkan, E. Batman, E.W. Muller, S.M. van Gastel, G.F. Borm, V.C. Tjan-Heijnen,.

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Cost effectiveness of primary pegfilgrastim prophylaxis in patients with breast cancer at risk of febrile neutropenia.

Aarts MJ, Grutters JP, Peters FP, Mandigers CM, Dercksen MW, Stouthard JM, Nortier HJ, van Laarhoven HW, van Warmerdam LJ, van de Wouw AJ, Jacobs EM, Mattijssen V, van der Rijt CC, Smilde TJ, van der Velden AW, Temizkan M, Batman E, Muller EW, van Gastel SM, Joore MA, Borm GF, Tjan-Heijnen VC.

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Primary granulocyte colony-stimulating factor prophylaxis during the first two cycles only or throughout all chemotherapy cycles in patients with breast cancer at risk for febrile neutropenia.

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Cancer Res; 2010;70(24) Suppl2; P3-15-01

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Barrios CH, Liu MC, Lee SC, Vanlemmens L, Ferrero JM, Tabei T, Pivot X, Iwata H, Aogi K, Lugo-Quintana R, Harbeck N, Brickman MJ, Zhang K, Kern KA, Martin M.
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J Clin Oncol 28:18s, 2010 (suppl; abstr LBA1011)

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Drooger JC, van Tinteren H, de Groot SM, Ten Tije AJ, de Graaf H, Portielje JE, Jager A, Honkoop A, Linn SC, Kroep JR, Erdkamp FL, Hamberg P, Imholz AL, van Rossum-Schornagel QC, Heijns JB, van Leeuwen-Stok AE, Sleijfer S.
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Jan C Drooger1, Harm van Tinteren2, Steffen M de Groot3, Albert J ten Tije4, Hiltje de Graaf5, Johanneke EA Portielje6, Agnes Jager1, Aafke H Honkoop7, Sabine C Linn2, Judith R Kroep8, Frans LG Erdkamp9, Paul Hamberg10, Joan B Heijns4, A Elise van Leeuwen-Stok11 and Stefan Sleijfer1.
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J.Ph. van den Tol en S. Sleijfer;
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BOOG 2009-01 / IRMA
APBI with 3D-CRT vs. WBI: primary endpoint results of the prospective randomised phase 3 IRMA trial
Bruno Meduri, Antonella Baldissera, Cinzia Iotti,...Elisa D'Angelo, Philip Poortmans, Giovanni P. Frezza
Journal of Clinical Oncology (geaccepteerd, maar nog niet in press)

APBI with 3D-CRT vs. WBI: primary endpoint results of the prospective randomised phase 3 IRMA trial
Bruno Meduri, Antonella Baldissera, Cinzia Iotti,...Elisa D'Angelo, Philip Poortmans, Giovanni P. Frezza
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APBI with 3D-CRT vs. WBI: cosmetic and toxicity results of the prospective randomised IRMA trial

Antonella Baldissera., Filippo Bertoni., Gladys Blandino., Liesbeth Boersma., Selena Ciabatti., Roberto D'amico., Luca Frassinelli., Giovanni P. Frezza., Patrizia Giacobazzi., Cinzia Iotti., Eveline Koiter., Bruno Meduri., Alessio G. Morganti., Salvatore Parisi., Philip M.P. Poortmans., Marcel Stam., Mariacarla Valli.
ESTRO 2020 abstract

Cosmetic Results and Side Effects ofAccelerated Partial-Breast Irradiation VersusWhole-Breast Irradiation for Low-Risk InvasiveCarcinoma of the Breast: The Randomized PhaseIII IRMA Trial
runo Meduri, MD1; Antonella Baldissera, MD2; Cinzia Iotti, MD3; Luc J.E.E. Scheijmans, MD4; Marcel R. Stam, MD5;Salvatore Parisi, MD6; Liesbeth J. Boersma, MD7; Ilario Ammendolia, MD8; Eveline Koiter, MD9; Mariacarla Valli, MD10;Luciano Scandolaro, MD11; Dianne Busz, MD12; Marika C. Stenfert Kroese, MD13; Selena Ciabatti, MD2; Patrizia Giacobazzi, MD1;Maria P. Ruggieri, PhD3; Antoine Engelen, MD4; Tindara Munaf`o, MD6; A. Helen Westenberg, MD5; Karolien Verhoeven, MD7;Roberto Vicini, PhD14; Roberto D'Amico, PhD14,15; Frank Lohr, MD1; Filippo Bertoni, MD1; Philip Poortmans, MD16,17;andGiovanni P. Frezza, MD2
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BOOG 2009-02 / SNARB
Sentinel Node and Recurrent Breast Cancer (SNARB): Results of a Nationwide Registration Study
Maaskant AJG, Roumen RMH, Voogd AC, Pijpers R, Luiten EJT, Rutgers EJT, Nieuwenhuijzen GAP
Annals of Surgical Oncology (2012), DOI 10.1245/s10434-012-2625-7

Staging and management of axillary lymph nodes in patients with local recurrence in the breast or chest wall after a previous negative sentinel node procedure
F.Derkx, A.J.G. Maaskant-Braat, M.J.C. van der Sangen, G.A.P. Nieuwenhuijzen, L.V. van de Poll-Franse, R.M.H. Roumen, A.C. Voogd
Eur J Surg Oncol (2010), doi:10.1016/j.ejso.2010.05.009

Schildwachtklierprocedure bij recidief mammacarcinoom (SNARB); resultaten van een interim-analyse
Maaskant AJG, Bruijn de S, Roumen RMH, Nieuwenhuijzen GAP
Catharina-ziekenhuis, Eindhoven, afdeling Heelkunde
Abstract Chirurgendagen NVH 21-05-2010

Schildwachtklierprocedure: ook een mogelijkheid bij patiënten met een recidief van een mammacarcinoom
R.M.H. Roumen, G.P. Kuijt en I.H. Liem
Ned Tijdschr Geneeskd. 2008;152:13-9

BOOG 2009-03 / DCIS
Radiation doses and fractionation schedules in non-low-risk ductal carcinoma in situ in the breast (BIG 3–07/TROG 07.01): a randomised, factorial, multicentre, open-label, phase 3 study
B.H. Chua, E.K. Link, I.A. Olivotto, I. Kunkler, T. Whelan, G. Gruber, BIG 3-07/TROG 07.01 trial investigators
SABCS 2025 abstract GS2-12

Radiation doses and fractionation schedules in non-low-risk ductal carcinoma in situ in the breast (BIG 3–07/TROG 07.01): a randomised, factorial, multicentre, open-label, phase 3 study

Boon H Chua, Emma K Link, Ian H Kunkler, Timothy J Whelan, A Helen Westenberg, Guenther Gruber, Guy Bryant, Verity Ahern, Kash Purohit, Peter H Graham, Mohamed Akra, Orla McArdle, Peter O'Brien, Jennifer A Harvey, Carine Kirkove, John H Maduro, Ian D Campbell, Geoff P Delaney, Joseph D Martin, T Trinh T Vu, Thierry M Muanza, Anthony Neal, Ivo A Olivotto, on behalf of the BIG 3–07/TROG 07.01 trial investigators**Lancet 2022; 400: 431–40*

A randomized phase III study of radiation doses and fractionation schedules in non-low risk ductal carcinoma in situ (DCIS) of the breast (BIG 3-07/TROG 07.01)
Boon Hui Chua, Emma Link, Ian Kunkler, Ivo Olivotto, Antonia Helen Westenberg, Timothy Whelan, Guenther Gruber
Cancer Res 2021 Feb;81(4_Suppl)
Abstract SABCS 2020

Quality of life after breast-conserving therapy and adjuvant radiotherapy for non-low-risk ductal carcinoma in situ (BIG 3-07/TROG 07.01): 2-year results of a randomised, controlled, phase 3 trial
King MT, Link EK, Whelan TJ, Olivotto IA, Kunkler I, Westenberg AH, Gruber G, Schofield P, Chua BH, BIG 3-07/TROG 07.01 trial investigators
Lancet Oncol. 2020, Volume May 2020 Mar 20. doi: 10.1016/S1470-2045(20)30085-1.

International comparison of cosmetic outcomes of breast conserving surgery and radiation therapy for women with ductal carcinoma in situ of the breast
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DCIS:kunnen extra bestralingen borstkanker voorkomen?
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SABCS 2014 - Abstract no. S6-05

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Gnant M, Baselga J, Rugo HS, Noguchi S, Burris HA, Piccart M, Hortobagyi GN, Eakle J, Mukai H, Iwata H, Geberth M, Hart LL, Hadji P, El-Hashimy M, Rao S, Taran T, Sahmoud T, Lebwohl D, Campone M, Pritchard KI.
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Addition of zoledronic acid to neoadjuvant chemotherapy is not beneficial in patients with HER2-negative stage II/III breast cancer: 5-year survival analysis of the NEOZOTAC trial (BOOG 2010-01)
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Thyroid function is associated with the response to neoadjuvant chemotherapy in breast cancer patients: Results from the NEOZOTAC trial on behalf of the Dutch Breast Cancer Research Group (BOOG 2010-01)
S de Groot1, A Charehbili1, L GM Janssen1, E M Dijkgraaf1, V THBM Smit1, L W Kessels2, A van Bochove3, H WM van Laarhoven4, E Meershoek-Klein Kranenbarg1, A E van Leeuwen-Stok5, G J Liefers1, C JH van de Velde1, J WR Nortier1, J JM van der Hoeven1, H Pijl1 and J R Kroep1.
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Sentinel node procedure before or after neoadjuvant chemotherapy in clinically node negative or positive patients; results from 3 phase III studies of the Dutch breast cancer trialists' group (BOOG)
Vivianne C Tjan-Heijnen1, Birgitte E Vriens1, Maureen J Aarts1, Judith R Kroep2, Cock J van de Velde2, Gerrit-Jan Liefers2, Ayoub
Charehbili2, Petronella G Peer3 and Maaike de Boer1.
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Charehbili A, van de Ven S, Smit VT, Meershoek-Klein Kranenbarg E, Hamdy NA, Putter H, Heijns JB, van Warmerdam LJ, Kessels L, Dercksen M, Pepels MJ, Maartense E, van Laarhoven HW, Vriens B, Wasser MN, van Leeuwen-Stok AE, Liefers GJ, van de Velde CJ, Nortier JW, Kroep JR.
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van de Ven S, Charehbili A, Liefers GJ, Putter H, Heijns JB, van Warmerdam LJ, Kessels L, Dercksen M, Pepels MJ, Maartense E, van Laarhoven H, Vriens B, Smit VT, Wasser, Meershoek-Klein Kranenbarg E,
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NEO-ZOTAC: A Phase III Randomized Trial with Neoadjuvant Chemotherapy (TAC) with or without Zoledronic Acid for Patients with HER2-Negative Large Resectable or Locally Advanced Breast Cancer.
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BOOG 2010-02 / STOP & GO

Cost-effectiveness of continuous versus intermittent chemotherapy for patients with HER2-negative advanced breast cancer
Anouk K M Claessens, Jan J V Busschbach, Bram L T Ramaekers, Frans L G Erdkamp, Jeanette M Bouma, A Elise van Leeuwen-Stok, Vivianne C G Tjan-Heijnen, Monique E M M Bos; Dutch Breast Cancer Research Group (BOOG)
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Beter doorbehandelen dan Stop & Go. Onderbreken van de behandeling geen zinvolle zaak
Jac Jansen, M. Bos
Bproefd BVN voorjaar 2013

BOOG 2010-03 / RAPCHEM
Tailoring radiotherapy in cT1-2N1 breast cancer to nodal response on primary chemotherapy (RAPCHEM: BOOG 2010-03): 10-year follow-up results of a Dutch, prospective, registry study
Annefleur J W Mauritz, Linda de Munck, Janine M Simons, Janneke Verloop, Thijs van Dalen, Paula H M Elkhuizen, Astrid Scholten, Ruud M A Houben, A Elise van Leeuwen-Stok , Sabine C Linn, Ruud M Pijnappel, Philip M P Poortmans, Luc J A Strobbe, Jelle Wesseling, Adri C Voogd, Liesbeth J Boersma
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Sabine R de Wild, Linda de Munck, Janine M Simons, Janneke Verloop, Thijs van Dalen, Paula H M Elkhuizen, Ruud M A Houben, A Elise van Leeuwen, Sabine C Linn, Ruud M Pijnappel, Philip M P Poortmans, Luc J A Strobbe, Jelle Wesseling, Adri C Voogd, Liesbeth J Boersma.
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Liesbeth J Boersma , Janneke Verloop , Adri C Voogd, Paula H M Elkhuizen, Ruud Houben, A Elise van Leeuwen, Sabine Linn, Linda de Munck, Ruud Pijnappel, Luc Strobbe, Thijs van Dalen, Jelle Wesseling, Philip Poortmans
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SUBMIT: Systemic therapy with or without up front surgery of the primary tumor in breast cancer patients with distant metastases at initial presentation
Jetske Ruiterkamp1, Adri C Voogd2, Vivianne CG Tjan-Heijnen3, Koop Bosscha4, Yvette M van der Linden5, Emiel JTh Rutgers6, Epie Boven7, Maurice JC van der Sangen8, Miranda F Ernst39* and In collaboration with Dutch Breast Cancer Trialists' Group (BOOG)
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Presence of symptoms and timing of surgery do not affect the prognosis of patients with primary metastatic breast cancer.
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R. Salgado; L. E. Lara Gonzalez; F. Giudici; F. Rojo; L. Comerma; S. Wienert; J. Palacios; Z. Kos; S. L. De Haas; A. Rodriguez Lescure; G. Viale; Y. Zheng; D. Gao; A. Kiermaier; F. Andre; S. Loibl; M. J. PIccart; R. Gelber; D. Cameron; I. E. Krop; P. Savas; T. O. Nielsen; C. Denkert; S. Michiels; S. Loi; APHINITY Steering Committee and Investigators; The International Immuno-Oncology Biomarker Working Group
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Video: Targeted Oncology August 12, 2024
Paulo Tarantino, MD
Long-Term Pertuzumab Outcomes in HER2+ Breast Cancer: Insights from APHINITY 8-Year Data and NeoSphere Pooled Analysis

Adjuvant Pertuzumab and Trastuzumab in Early Human Epidermal Growth Factor Receptor 2-Positive Breast Cancer in the APHINITY Trial: Third Interim Overall Survival Analysis With Efficacy Update
Sibylle Loibl, Jacek Jassem, Amir Sonnenblick, Damien Parlier, Eric Winer, Jonas Bergh, Richard D Gelber, Eleonora Restuccia, Young-Hyuck Im, Chiun-Sheng Huang, Florence Dalenc, Isabel Calvo, Marion Procter, Carmela Caballero, Emma Clark, Alice Raimbault, Robin McConnell, Estefania Monturus, Evandro de Azambuja, Henry L Gomez, Judith Bliss, Giuseppe Viale, Jose Bines, Martine Piccart; APHINITY Steering Committee and Investigators
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Cardiotoxicity related to dual anti-HER2 blockade in the APHINITY Trial, manuscript under peer-review. *ASCO abstract 2023*

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Six-year absolute invasive disease-free survival benefit of adding adjuvant pertuzumab to trastuzumab and chemotherapy for patients with early HER2-positive breast cancer: A Subpopulation Treatment Effect Pattern Plot (STEPP) analysis of the APHINITY (BIG 4-11) trial
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Eur Journal of Cancer| VOLUME 166, P219-228, MAY 01, 2022

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Martine Piccart et al for the APHINITY Steering Committee and Investigators
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Timelines to initiate an adjuvant phase III trial across the globe: A sub-analysis of the APHINITY trial
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Incidence and Management of Diarrhea With Adjuvant Pertuzumab and Trastuzumab in Patients With Human Epidermal Growth Factor Receptor 2-Positive Breast Cancer
Bines J, Procter M, Restuccia E, Viale G, Zardavas D, Suter T, Arahmani A, Van Dooren V, Baselga J, Clark E, Eng-Wong J, Gelber R, Piccart M, Mobus V, de Azambuja E, on behalf of the APHINITY Steering Committee and Investigators
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Adjuvant, Pertuzumab and Trastuzumab in Early HER2-Positive Breast Cancer.
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Helpt extra middel bij HER2-positieve borstkanker?
Jac Jansen, Maaike de Boer
B-proefd BVN 2014 nr 10

BOOG 2012-01 / BALLET
Safety of everolimus plus exemestane in patients with hormone-receptor-positive, HER2-negative locally advanced or metastatic breast cancer progressing on prior non-steroidal aromatase inhibitors: primary results of a phase IIIb, open-label, single-arm, expanded-access multicenter trial (BALLET).
Jerusalem G, Mariani G, Ciruelos EM, Martin M, Tjan-Heijnen VC, Neven P, Gavila JG, Michelotti A, Montemurro F, Generali D, Simoncini E, Lang I, Mardiak J, Naume B, Camozzi M, Lorizzo K, Bianchetti S, Conte P.
Ann Oncol. 2016 Sep;27(9):1719-25. doi: 10.1093/annonc/mdw249. Epub 2016 Jun 29

BOOG 2012-02 / SafeHer
Safety and tolerability of subcutaneous trastuzumab for the adjuvant treatment of human epidermal growth factor receptor 2-positive early breast cancer: SafeHer phase III study's primary analysis of 2573 patients
J. Gligorov , B. Ataseven , M. Verrill , M. De Laurentiis , K.H. Jung e, H.A. Azim , N. Al-Sakaff , S. Lauer , M. Shing i , X. Pivot on behalf of the SafeHer Study Group.
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SafeHer Phase III study primary analysis: Safety of subcutaneous trastuzumab plus chemotherapy for early breast cancer
EBCC 2016 abstract number: 326

SafeHer Phase III study primary analysis: Safety of subcutaneous trastuzumab plus chemotherapy for early breast cancer
J. Gligorov(1), B. Ataseven(2), M. Verrill(3), M. De Laurentiis(4), K.H. Jung(5), H.A. Azim(6), N. Al-Sakaff(7), S. Lauer(8), M. Shing(9), X. Pivot(10)
EBCC 2016 poster presentation 343

Safety and tolerability of subcutaneous trastuzumab for HER2-positive early breast cancer in patients with lower body weight and in Asian patients: SafeHer Phase III study subgroup analyses
Poster presented at the European Cancer Congress 2015, September 25–29 2015, Vienna, Austria

BOOG 2012-03 / TRAIN-2
Tumor-infiltrating lymphocytes in HER2-positive breast cancer treated with neoadjuvant chemotherapy and dual HER2-blockade
Gabe Sonke, Marte Liefaard, Anna van der Voort, Maartje van Seijen, Bram Thijssen, Joyce Sanders, Shiva Vonk, Lorenza Mittempergher, Rajit Bhaskaran, Linda de Munck, Elise van Leeuwen-Stok, Roberto Salgado, Hugo Horlings, and Esther Lips
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BluePrint molecular subtypes predict response to neoadjuvant pertuzumab in HER2-positive breast cancer
M. C. Liefaard, A. van der Voort, M. S. van Ramshorst, J. Sanders, S. Vonk, H. M. Horlings, S. Siesling, L. de Munck, A. E. van Leeuwen, M. Kleijn, L. Mittempergher, M. M. Kuilman, A. M. Glas, J. Wesseling, E. H. Lips & G. S. Sonke
Breast Cancer Research volume 25, Article number: 71 (2023)

Prognostic value of tumor-infiltrating lymphocytes in HER2-positive breast cancer treated with neoadjuvant chemotherapy and dual HER2-blockade: a TRAIN-2 sub study
M.C. Liefaard, A. van der Voort, M. van Seijen, J. Sanders, S. Vonk, L. de Munck, A.E. van Leeuwen-Stok, H.M. Horlings, R. Salgado, E.H. Lips, G.S. Sonke
Annuals of Oncology, 2022; 33(S7); S606. DOI: https://doi.org/10.1016/j.annonc.2022.07.180

Three-year follow-up of neoadjuvant chemotherapy with or without anthracyclines in the presence of dual HER2-blockade for HER2-positive breast cancer (TRAIN-2): A randomized phase III trial.
Anna van der Voort, Mette S. van Ramshorst, Erik D. van Werkhoven, Ingrid A. Mandjes, Inge Kemper, Annelie J. Vulink, Irma M. Oving, Aafke H. Honkoop, Lidwine W. Tick, Agnes J. van de Wouw, Caroline M. Mandigers, Laurence J. C. van Warmerdam, Jelle Wesseling, Marie-Jeanne T.F.D Vrancken Peeters, Sabine C. Linn, Gabe S. Sonke, and on behalf of the Dutch Breast Cancer Research Group (BOOG)
JAMA Oncol. 2021;7(7):978-984. doi:10.1001/jamaoncol.2021.1371 *en: ASCO 2020 abstract number 501*

Effect of pertuzumab plus neoadjuvant trastuzumab-based chemotherapy in early-stage HER2-positive breast cancer according to BluePrint molecularly defined breast cancer subtypes

SABCS 2021 abstract PD15-07 Liefaard MC

Three-year follow-up of neoadjuvant chemotherapy with or without anthracyclines in the presence of dual HER2-blockade for HER2-positive breast cancer (TRAIN-2): A randomized phase III trial.
Anna van der Voort, Mette S. van Ramshorst, Erik D. van Werkhoven, Ingrid A. Mandjes, Inge Kemper, Annelie J. Vulink, Irma M. Oving, Aafke H. Honkoop, Lidwine W. Tick, Agnes J. van de Wouw, Caroline M. Mandigers, Laurence J. C. van Warmerdam, Jelle Wesseling, Marie-Jeanne T.F.D Vrancken Peeters, Sabine C. Linn, Gabe S. Sonke, and on behalf of the Dutch Breast Cancer Group (BOOG);
ASCO 2020 abstract number 501

Neoadjuvant chemotherapy with or without anthracyclines in the presence of dual HER2 blockade for HER2-positive breast cancer (TRAIN-2): a multicenter, open-label, randomized, phase 3 trial.
Van Ramshorst MS, van der Voort A, van Werkhoven ED, Manjes IA, Kemper I, Dezentjé VO, Oving IM, Honkoop AH, Tick LW, van de Wouw AJ, Mandigers CM, van Warmerdam LJ, Wesseling J, Vrancken Peeters MJTFD, Linn SC, Sonke GS; Dutch Breast Canser Research Group (BOOG).
Lancet Oncol 2018; 19: 1543-1698

Fine-tuning chemotherapy in the era of dual HER2 targeting
Editorial Lancet Oncol 2018

A phase III trial of neoadjuvant chemotherapy with or without anthracyclines in the presence of dual HER2-blockade for HER2-positive breast cancer: the TRAIN-2 study (BOOG 2012-03)
Van Ramshorst MS, van Werkhoven ED, Manjes IA, Kemper I, Dezentjé VO, Oving IM, Honkoop AH, Tick LW, van de Wouw AJ, Mandigers CM, Wesseling J, Vrancken Peeters MJTFD, Linn SC, Sonke GS;
ASCO 2017 abstract number 507

Toxicity of dual HER2-blockade with pertuzumab added to anthracycline versus non-anthracycline containing chemotherapy as neoadjuvant treatment in HER2-positive breast cancer: The TRAIN-2 study.
Van Ramshorst MS, van Werkhoven E, Honkoop AH, Dezentjé VO, Oving IM, Mandjes IA, Kemper I, Smorenburg CH, Stouthard JM, Linn SC, Sonke GS; Dutch Breast Cancer Research Group (BOOG). *Breast. 2016;29:153-9.*

Safety analyses of the first 110 patients treated with dual HER2-blockade in the TRAIN-2 study
Mette S van Ramshorst[1*], Erik van Werkhoven[2], Aafke H Honkoop[3], Vincent O Dezentjé[4], Irma M Oving[5], Ingrid AM Mandjes[2], Inge Kemper[1], Jacqueline M Stouthard[1], Sjoerd Rodenhuis[1], Sabine C Linn[1], Gabe S Sonke[1*]
EBCC 2016 abstract number 343

BOOG 2013-01 / TRIPLE-B,
Carboplatin-Cyclophosphamide or Paclitaxel without or with Bevacizumab as First-Line Treatment for **Metastatic Triple-Negative Breast Cancer (BOOG 2013-01)**
Annelot G.J. van Rossuma Ingrid A.M. Mandjesb Erik van Werkhovenc Harm van Tinterenc A. Elise van Leeuwen-Stokd Petra Nederlofe Johanna E.A. Portieljef, g Robbert J. van Alphenh Els

Plattei Daan van den Broeki Alwin Huitemaj Marleen Kokk, l Sabine C. Linna, l, m Hendrika M. Oosterkampn on behalf of the Triple-B trialists' group
Breast Care 9 DOI: 10.1159/000512200

Triple-negatieve borstkanker
Sabine Linn, Gabe Sonke
B-proefd BVN 2013 midwinter nr 9

BOOG 2013-02 / PROS MALE BC
Quality of Life in Male Breast Cancer: Prospective Study of the International Male Breast Cancer Program (EORTC10085/TBCRC029/BIG2-07/NABCG).
Schröder CP, van Leeuwen-Stok E, Cardoso F, Linderholm B, Poncet C, Wolff AC, Bjelic-Radisic V, Werutsky G, Abreu MH, Bozovic-Spasojevic I, den Hoed I, Honkoop AH, Los M, Leone JP, Russell NS, Smilde TJ, van der Velden AWG, Van Poznak C, Vleugel MM, Yung RL, Coens C, Giordano SH, Ruddy KJ.
Oncologist. 2023 Oct 3; 28(10):e877-e883. doi: 10.1093/oncolo/oyad152

NANOSTRING: Evaluation of multiple transcriptomic gene risk signatures in male breast cancer. Bayani J, Poncet C, Crozier C, Neven A, Piper T, Cunningham C, Sobol M, Aebi S, Benstead K, Bogler O, Dal Lago L, Fraser J, Hilbers F, Hedenfalk I, Korde L, Linderholm B, Martens J, Middleton L, Murray M, Kelly C, Nilsson C, Nowaczyk M, Peeters S, Peric A, Porter P, Schröder C, Rubio IT, Ruddy KJ, van Asperen C, Van Den Weyngaert D, van Deurzen C, van Leeuwen-Stok E, Vermeij J, Winer E, Giordano SH, Cardoso F, Bartlett JMS.
NPJ Breast Cancer. 2021 Jul 26;7(1):98.

Loss of Y-Chromosome during Male Breast Carcinogenesis. Cancers.
Agahozo MC, Timmermans MAM, Sleddens HFBM, Foekens R, Trapman-Jansen AMAC, Schröder CP, van Leeuwen-Stok E, Martens JWM, N M Dinjens W, van Deurzen CHM.
Cancers. 2020;12(3).

High hepatocyte growth factor expression in primary tumor predicts better overall survival in male breast cancer
Qiu SQ, van Rooijen J, Nienhuis HH et al.
Breast Cancer Res. 2020 Mar 18;22(1):30. doi: 10.1186/s13058-020-01266-x.

Expression of hypoxia-induced proteins in ductal carcinoma in situ and invasive cancer of the male breast. J Clin Pathol.
Vermeulen MA, van Deurzen CH, Schroder CP, Martens JW, van Diest PJ.
J Clin Pathol. 2019 Oct 25. pii: jclinpath-2019-206116. doi: 10.1136/jclinpath-2019-206116.

Profiling Male Breast Cancers using the Oncomine Comprehenisve Assay.*(M. Spears)*
Status: Samples were analyzed. The abstract with bioinformatics results has been presented at San Antonio Breast Cancer Symposium 2019. Manuscript is under preparation.

Characterization of male breast cancer: results of the EORTC 10085/TBCRC/BIG/NABCG International Male Breast Cancer Program.
Cardoso F, Bartlett JMS, Slaets L, van Deurzen CHM, van Leeuwen-Stok E, Porter P, Linderholm B, Hedenfalk I, Schröder C, Martens J, Bayani J, van Asperen C, Murray M, Hudis C, Middleton L, Vermeij J, Punie K, Fraser J, Nowaczyk M, Rubio IT, Aebi S, Kelly C, Ruddy KJ, Winer E, Nilsson C, Dal Lago L, Korde L, Benstead K, Bogler O, Goulioti T, Peric A, Litière S, Aalders KC, Poncet C, Tryfonidis K, Giordano SH. *Ann Oncol. 2018; 29:405-417.*

Male breast cancer RNA sequencing. *(J. Martens)*
Status: Analyses of first 73 patients completed, presented at SABCS 2017 (poster spotlight). Additional samples were analyzed. Further analysis are ongoing.

Als man behandeld, gráág! Pink Ribbon-project. Optimale voorlichting en zorg voor mannen met borstkanker
Paul Peijenerburg
BVN 2016 nr 18

BOOG 2013-03 / PERNETTA
Pertuzumab Plus Trastuzumab With or Without Chemotherapy Followed by Emtansine in ERBB2-Positive Metastatic Breast Cancer: A Secondary Analysis of a Randomized Clinical Trial
Huober J, Weder P, Ribi K, Thürlimann B, Thery JC, Li Q, Vanlemmens L, Guiu S, Brain E, Grenier J, Dalenc F, Levy C, Savoye AM, Müller A, Membrez-Antonioli V, Gérard MA, Lemonnier J, Hawle H, Dietrich D, Boven E, Bonnefoi H; Swiss Group for Clinical Cancer Research, Unicancer Breast Group, and Dutch Breast Cancer Research Group.*JAMA Oncol. 2023 Aug 10:e232909. doi: 10.1001/jamaoncol.2023.2909.*

PERNETTA: A non-comparative randomized open label phase II trial of pertuzumab (P) + trastuzumab (T) with or without chemotherapy both followed by T-DM1 in case of progression, in patients with HER2-positive metastatic breast cancer (MBC): (SAKK 22/10 / UNICANCER UC-0140/1207)\' https://www.scienceopen.com/document?vid=c18084ed-0ac8-486d-8264-9f46a18c6575

Pertuzumab (P) + trastuzumab (T) with or without chemotherapy both followed by T-DM1 in case of progression in patients with HER2-positive metastatic breast cancer (MBC) - The PERNETTA trial (SAKK 22/10), a randomized open label phase II study (SAKK, UNICANCER, BOOG)
J. Huober, K. Ribi, P. Weder, B. Thürlimann, E. Boven, H. Bonnefoi
Annals of Oncology:https://doi.org/10.1093/annonc/mdz100.001

ASCO post 2019: ESMO Breast Cancer 2019: PERNETTA Trial Examines Treatment De-escalation in Women with HER2-Positive Breast Cancer https://ascopost.com/News/59995
Huober J, et al. Presented at: European Society for Medical Oncology (ESMO) Congress, Munich, Germany, October 19-23, 2018.

BOOG 2013-04 / DIRECT
The oestrous cycle stage affects mammary tumour sensitivity to chemotherapy.
Bornes L, van Winden LJ, Geurts VCM, de Bruijn B, Azarang L, Lanfermeijer M, Caruso M, Proost N, Boeije M, Lohuis JO, Belthier G, Noguera Delgado E, de Gruil N, Kroep JR, van de Ven M, Menezes R, Wesseling J, Kok M, Linn S, Broeks A, van Rossum HH, Scheele CLGJ, van Rheenen J. *Nature. 2024 Dec 4. doi: 10.1038/s41586-024-08276-1.*

IGF1 and Insulin Receptor Single Nucleotide Variants Associated with Response in HER2-Negative Breast Cancer Patients Treated with Neoadjuvant Chemotherapy with or without a Fasting Mimicking Diet (BOOG 2013-04 DIRECT Trial).
de Gruil N, Böhringer S, de Groot S, Pijl H, Kroep JR, Swen JJ.

Cancers (Basel). 2023 Dec 17;15(24):5872.

Tumor-stroma ratio is associated with Miller-Payne score and pathological response to neoadjuvant chemotherapy in HER2-negative early breast cancer.
Hagenaars SC, de Groot S, Cohen D, Dekker TJA, Charehbili A, Meershoek-Klein Kranenbarg E, Duijm-de Carpentier M, Pijl H, Putter H, Tollenaar RAEM, Kroep JR, Mesker WE; Dutch Breast Cancer Research Group (BOOG).
Int J Cancer. 2021 May 27.

Quality of life and illness perceptions in patients with breast cancer using a fasting mimicking diet as an adjunct to neoadjuvant chemotherapy in the phase 2 DIRECT (BOOG 2013-14) trial.
Lugtenberg RT, de Groot S, Kaptein AA, Fischer MJ, Meershoek-Klein Kranenbarg E, Duijm-de Carpentier M, Cohen D, de Graaf H, Heijns JB, Portielje JEA, van de Wouw AJ, Imholz ALT, Kessels LW, Vrijaldenhoven S, Baars A, Fiocco M, van der Hoeven JJM, Gelderblom H, Longo VD, Pijl H, Kroep JR; Dutch Breast Cancer Research Group (BOOG).
Breast Cancer Res Treat. 2020 Nov 11.

Fasting mimicking diet as an adjunct to neoadjuvant chemotherapy for breast cancer in the multicentre randomized phase 2 DIRECT trial.
de Groot S, Lugtenberg RT, Cohen D, Welters MJP, Ehsan I, Vreeswijk MPG, Smit VTHBM, de Graaf H, Heijns JB, Portielje JEA, van de Wouw AJ, Imholz ALT, Kessels LW, Vrijaldenhoven S, Baars A, Meershoek-Klein Kranenbarg E, Duijm-de Carpentier M, Putter H, van der Hoeven JJM, Nortier JWR, Longo VD, Pijl H, Kroep JR; Dutch Breast Cancer Research Group (BOOG).
Nat Commun. 2020 Jun 23;11(1):3083.

Effects of short-term fasting on cancer treatment.
De Groot S, Pijl H, van der Hoeven JJM, Kroep JR.
J Exp Clin Cancer Res. 2019 May 22;38(1):209.

DIetary REstriction as an adjunct to neoadjuvant ChemoTherapy for HER2-negative breast cancer: *Final results from the DIRECT trial (BOOG 2013-04).*
S. de Groot, R.T. Lugtenberg, M.J.P. Welters, I. Ehsan, M.P.G. Vreeswijk, D. Cohen, V.T.H.B.M. Smit, H. de Graaf, J. B. Heijns, J.E.A. Portielje, A.J. van de Wouw, A.L.T. Imholz, L.W. Kessels, S. Vrijaldenhoven, A. Baars, E. Meershoek-Klein Kranenbarg, M. Duijm-de Carpentier, H. Putter, V.D. Longo, J.J.M. van der Hoeven, J.W.R. Nortier, H. Pijl, J.R. Kroep1on behalf of the Dutch Breast Cancer Research Group (BOOG)
SABCS 2018 Poster presentation(P1-15-20)

Het effect van kortdurend vasten op chemotherapie bij mammacarcinoom.
Medische Oncologie, februari 2016, 28-31.

The effects of short-term fasting on tolerance to (neo) adjuvant chemotherapy in HER2-negative breast cancer patients: a randomized pilot study.
de Groot S, Vreeswijk MP, Welters MJ, Gravesteijn G, Boei JJ, Jochems A, Houtsma D, Putter H, van der Hoeven JJ, Nortier JW, Pijl H, Kroep JR.
BMC Cancer. 2015 Oct 5;15:652.

Speciaal dieet als ondersteuning tijdens chemotherapie.
Blad B, winter 2014;12:34-35.

BOOG 2013-06 / BIOMARKER EVEROLIMUS

PI3K pathway protein analyses in metastatic breast cancer patients receiving standard everolimus and exemestane
Dinja T. Kruger, Mark Opdam, Vincent van der Noort, Joyce Sanders, Michiel Nieuwenhuis, Bart de Valk, Karin J. Beelen, Sabine C. Linn, and Epie Boven
J Cancer Res Clin Oncol. 2020; 146(11): 3013–3023.
Published online 2020 Jun 21. doi: 10.1007/s00432-020-03291-x

PI3K-Akt-mTOR pathway analysis to obtain further insight in the efficacy of everolimus in combination with exemestane in metastatic, ER-positive breast cancer: A Dutch breast cancer research group (BOOG) study
Dinja T Kruger1, Karin Beelen2, Connie R Jimenez1, Maurice PHM Jansen3, Stefan Sleijfer3, Sabine C Linn2 and Epie Boven1..
SABCS 2014, publication mumber: OT1-1-02

De Everolimus Biomarker Studie: analyse van de PI3K-Akt-mTOR route om meer inzicht te verkrijgen in de effectiviteit van everolimus in combinatie met exemestaan bij gemetastaseerd mammacarcinoom - Een studie van de Borstkanker Onderzoek Groep (BOOG) Nederland
Kruger DT, Linn SC, Beelen K, Sleijfer S, Jansen MPHM, Jimenez CR, Boven E.
Ned Tijdschr Oncol 2014;11:250-254

Biomarker Study Everolimus, een studie van de Borstkanker Onderzoek Groep Nederland
Kruger DT, Beelen K, Sleijfer S, Jansen MPHM, Jimenez CR, Linn SC, Boven E.
Kanker Breed 2014;6:23-25

BOOG 2013-08 / Lumpectomie
Omission of sentinel lymph node biopsy in clinically T1-2N0 breast cancer patients treated with breast-conserving therapy: results of the Dutch BOOG 2013-08 randomized controlled trial after a median follow-up of 5 years
R. J. Schipper; L. M. van Roozendaal; V. M. Wintraecken; J. M. Simons; M. Moossdorff; E. J. T. Luiten; F. van Duijnhoven; L. de Munck; L. F. C. Dols; R. Koelemij; R. van Eekeren; A. B. Francken; T. van Dalen; K. Keymeulen; J. Volders; J. A. van der Hage; H. Torrenga; P. A. Neijenhuis; P. Nijhuis; D. van Uden; E. Heuts; M. A. Bessems; C. D. Dirksen; M. H. Martens; M. F. Bouwmeester; K. Schenk; A. V. R. J. Bell; S. Maaskant-Braat; L. J. A. Strobbe; S. C. Linn; P. M. P. Poortmans; M. L. G. Vane; V. C. G. Tjan-Heijnen; K. K. B. T. van der Vijver; M. B. I. Lobbes; J. de Vries; L. Emelianova-Hiddink; J. Kandt; L. J. Boersma; J. H. W. de Wilt; S. M. J. van Kuijk; M. L. Smidt; BOOG 2013-08 Study Group
SABCS 2025 abstract GS2-11; Clinical Cancer Research February 202632(4_Supplement):GS2-11-GS2-11; DOI:10.1158/1557-3265.SABCS25-GS2-11

Three-year patient-reported outcomes of the BOOG 2013-08 trial evaluating the omission of sentinel lymph node biopsy in early-stage breast cancer patients treated with breast-conserving surgery—impact of personality traits on health-related quality of life: randomized clinical trial
Veerle M. Wintraecken, Lori M. van Roozendaal, Janine M. Simons, Jolanda de Vries, Sander M. J. van Kuijk, Marissa L. G. Vane,Thijs van Dalen, Helena Sackey, Jos A. van der Hage,Luc J. A. Strobbe, Sabine C. Linn, Marc B. I. Lobbes, Philip M. P. Poortmans, Vivianne C. G. Tjan-Heijnen, Koen K. B. T. van de Vijver, Helen H. Westenberg, Carmen D. Dirksen , Johan H. W. de Wilt,

Liesbeth J. Boersma, Marjolein L. Smidt
British Journal of Surgery. 2025 Apr 30;112(5):znaf031. doi: 10.1093/bjs/znaf031

Quality assurance of radiation therapy after breast-conserving surgery among patients in the BOOG 2013-08 trial
V M Wintraecken 1, L J Boersma 2, L M van Roozendaal 3, J de Vries 4, S M J van Kuijk 5, M L G Vane 6, T van Dalen 7, J A van der Hage 8, L J A Strobbe 9, S C Linn 10, M B I Lobbes 11, P M P Poortmans 12, V C G Tjan-Heijnen 13, K K B T van de Vijver 14, A H Westenberg 15, J H W de Wilt 16, M L Smidt 6, J M Simons 17; BOOG 2013-08 group
Radiother Oncol. 2024 Feb:191:110069. doi: 10.1016/j.radonc.2023.110069. Epub 2023 Dec 21

A descriptive systematic review of the relationship between personality traits and quality of life of women with non-metastatic breast cancer
Veerle Marieke Wintraecken, Sophie Vulik, Sabine de Wild, Carmen Dirksen, Linetta B Koppert, Jolanda de Vries, Marjolein L Smidt Affiliations expand
BMC Cancer 2022 Apr 19;22(1):426. doi: 10.1186/s12885-022-09408-4.

Conditional local recurrence risk: the effect of event-free years in different subtypes of breast cancer
Moossdorff M, Vane MLG, van Nijnatten TJA, van Maaren MC, Goorts B, Heuts EM, Strobbe LJA, Smidt ML.
Breast Cancer Res Treat. 2021 Apr;186(3):863-870. doi: 10.1007/s10549-020-06040-3. Epub 2021 Mar 10. PMID: 33689058 ***Free PMC article.***

Women Could Avoid Axillary Lymph Node Dissection by Choosing Breast-Conserving Therapy Instead of Mastectomy
Vane MLG, Hunter-Squires J, Kim S, Smidt ML, Giuliano AE.
Ann Surg Oncol. 2021 May;28(5):2522-2528. doi: 10.1245/s10434-021-09674-9. Epub 2021 Feb 14.
PMID: 33586070

Conditional regional recurrence risk: The effect of event-free years in different subtypes of breast cancer.
Vane MLG, Moossdorff M, van Maaren MC, van Kuijk SMJ, van Nijnatten TJA, van Roozendaal LM, Boerma EG, de WIlt JHW, Smidt ML.Vane MLG, et al.
Eur J Surg Oncol. 2020 Nov 27:S0748-7983(20)31018-0. doi: 10.1016/j.ejso.2020.11.122. Online ahead of print.Eur J Surg Oncol. 2020. PMID: 33349525

Does the subtype of breast cancer affect the diagnostic performance of axillary ultrasound for nodal staging in breast cancer patients?
Vane MLG, van Nijnatten TJA, Nelemans PJ, Lobbes MBI, van Roozendaal LM, Kooreman LFS, Keymeulen KBMI, Smidt ML, Schipper RJ. Eur J Surg
Oncol. 2019 Jan 14. pii: S0748-7983(19)30035-6

Extracapsular extension in the positive sentinel lymph node: a marker of poor prognosis in cT1-2N0 breast cancer patients?
Vane MLG, Willemsen MA, van Roozendaal LM, van Kuijk SMJ, Kooreman LFS, Siesling S, de Wilt HHW, Smidt ML.
Breast Cancer Res Treat. 2019 Jan 4. doi: 10.1007/s10549-018-05074-y

Clinically node negative breast cancer patients undergoing breast conserving therapy, sentinel lymph node procedure versus follow-up: a Dutch randomized controlled multicentre trial (BOOG 2013-08).
van Roozendaal LM, Vane MLG, van Dalen T, van der Hage JA, Strobbe LJA, Boersma LJ, Linn SC, Lobbes MBI, Poortmans PMP, Tjan-Heijnen VCG, Van de Vijver KKBT, de Vries J, Westenberg AH, Kessels AGH, de Wilt JHW, Smidt ML.
BMC Cancer. 2017 Jul 1;17(1):459. doi: 10.1186/s12885-017-3443-x. PubMed PMID: 28668073; PubMed Central PMCID:PMC5494134.

Sentinel lymph node biopsy can be omitted in DCIS patients treated with breast conserving therapy.
van Roozendaal LM, Goorts B, Klinkert M, Keymeulen KBMI, De Vries B, Strobbe LJA, Wauters CAP, van Riet YE, Degreef E, Rutgers EJT, Wesseling J, Smidt ML.
Breast Cancer Res Treat. 2016 Apr;156(3):517-525. doi:10.1007/s10549-016-3783-2. Epub 2016 Apr 15. PubMed PMID: 27083179; PubMed Central PMCID: PMC4837213

Risk of regional recurrence in triple-negative breast cancer patients: a Dutch cohort study.
van Roozendaal LM, Smit LHM, Duijsens GHNM, de Vries B, Siesling S, Lobbes MBI, de Boer M, de Wilt JHW, Smidt ML.
Breast Cancer Res Treat. 2016 Apr;156(3):465-472. doi: 10.1007/s10549-016-3757-4. Epub 2016 Mar 25.
PubMed PMID: 27013474; PubMed Central PMCID: PMC4837212

The value of completion axillary treatment in sentinel node positive breast cancer patients undergoing a mastectomy: a Dutch randomized controlled multicentre trial (BOOG 2013-07).
van Roozendaal LM, de Wilt JH, van Dalen T, van der Hage JA, Strobbe LJ, Boersma LJ, Linn SC, Lobbes MB, Poortmans PM, Tjan-Heijnen VC, Van de Vijver KK, de Vries J, Westenberg AH, Kessels AG, Smidt ML.
BMC Cancer. 2015 Sep 3;15:610. doi: 10.1186/s12885-015-1613-2. PubMed PMID: 26335105; PubMed Central PMCID: PMC4559064.

The changing role of axillary treatment in breast cancer: Who will remain at risk for developing arm morbidity in the future?
Lopez Penha TR, van Roozendaal LM, Smidt ML, Boersma LJ, von Meyenfeldt MF, Voogd AC, Heuts EM.
Breast. 2015 Oct;24(5):543-7. doi: 10.1016/j.breast.2015.04.008. Epub 2015 Jun 6. Review. PubMed PMID: 26051795.

Three-Dimensional Breast Radiotherapy and the Elective Radiation Dose at the Sentinel Lymph Node Site in Breast Cancer.
van Roozendaal LM, Schipper RJ, Smit LH, Brans BT, Beets-Tan RG, Lobbes MB, Boersma LJ, Smidt ML.
Ann Surg Oncol. 2015 Nov;22(12):3824-30. doi: 10.1245/s10434-015-4413-7. Epub 2015 Feb 24. PubMed PMID: 25707492; PubMed Central PMCID: PMC4595528.

Maastricht Delphi consensus on event definitions for classification of recurrence in breast cancer research.
Moossdorff M, van Roozendaal LM, Strobbe LJ, Aebi S, Cameron DA, Dixon JM,

Giuliano AE, Haffty BG, Hickey BE, Hudis CA, Klimberg VS, Koczwara B, Kühn T, Lippman ME, Lucci A, Piccart M, Smith BD, Tjan-Heijnen VC, van de Velde CJ, Van Zee KJ, Vermorken JB, Viale G, Voogd AC, Wapnir IL, White JR, Smidt ML.
J Natl Cancer Inst. 2014 Nov 7;106(12). pii: dju288. doi: 10.1093/jnci/dju288. Print 2014 Dec. PubMed PMID: 25381395; PubMed Central PMCID: PMC4357796.

The impact of the pathological lymph node status on adjuvant systemic treatment recommendations in clinically node negative breast cancer patients.
van Roozendaal LM, Schipper RJ, Van de Vijver KK, Haekens CM, Lobbes MB, Tjan-Heijnen VC, de Boer M, Smidt ML.
Breast Cancer Res Treat. 2014 Feb;143(3):469-76. doi:10.1007/s10549-013-2822-5. Epub 2014 Jan 4. PubMed PMID: 24390150.

Axillary ultrasound for preoperative nodal staging in breast cancer patients: is it of added value? Schipper RJ, van Roozendaal LM, de Vries B, Pijnappel RM, Beets-Tan RG, Lobbes MB, Smidt ML.
Breast. 2013 Dec;22(6):1108-13. doi: 10.1016/j.breast.2013.09.002. Epub 2013 Oct 2. PubMed PMID: 24095611.

BOOG 2014-01 / MONALEESA-2
Pooled Analysis of Patients Treated With 1st-Line Ribociclib + Endocrine Therapy in the MONALEESA Studies: Long-Term Progression-Free Survival
André F. et al
SABCS 2025 poster# PD5-10

Efficacy, safety, and patient-reported outcomes across young to older age groups of patients with HR+/HER2‑ advanced breast cancer treated with ribociclib plus endocrine therapy in the randomized MONALEESA-2, -3, and -7 trials
Hart et al.
Eur J Cancer 217 (2025) 115225

Intrinsic Subtype and Overall Survival of Patients with Advanced HR+/HER2- Breast Cancer Treated with Ribociclib and ET: Correlative Analysis of MONALEESA-2, -3, -7
Prat et al
Clinical Cancer Research 2024

Pooled ctDNA analysis of MONALEESA phase III advanced breast cancer trials
André, F. et al.
Ann of Oncol 2023, Vol.34; iss.11; 1003-1014

Quality of life with ribociclib versus abemaciclib as first-line treatment of HR+/HER2- advanced breast cancer: a matching-adjusted indirect comparison
Rugo et al
Ther Adv Med Oncol 2023

Cost-effectiveness of ribociclib versus Palbociclib in combination with an aromatase inhibitor as first-line treatment of postmenopausal women with HR+/HER2– advanced breast cancer: analysis based on final OS results of MONALEESA-2 and PALOMA-2
Cameron et al
JME 2023

Efficacy and safety of first line ribociclib + letrozole in patients with de novo metastatic disease and late recurrence from (neo)adjuvant therapy in MONALEESA 2
Joyce O'Shaughnessy et al 196P
ESMO Breast 2023

Pooled gene expression analysis and association with treatment response in patients with HR+/HER2−advanced breast cancer in the MONALEESA-2, -3, and -7 trials
Bardia et al PD17-08
SABCS 2022

Pooled analysis of post-progression treatments after first-line ribociclib + endocrine therapy in patients with HR+/HER2− advanced breast cancer in the MONALEESA-2, -3, and -7 studies
Hamilton et al P4-01-42
SABCS 2022

Overall Survival with Ribociclib plus Letrozole in Advanced Breast Cancer
Gabriel N. Hortobagyi, M.D., Salomon M. Stemmer, M.D., Howard A. Burris, M.D., Yoon-Sim Yap, M.D., Gabe S. Sonke, M.D., Ph.D., Lowell Hart, M.D., Mario Campone, M.D., Ph.D., Katarina Petrakova, M.D., Ph.D., Eric P. Winer, M.D., Wolfgang Janni, M.D., Ph.D., Pierfranco Conte, M.D., Ph.D., David A. Cameron, M.D., Fabrice André, M.D., Ph.D., Carlos L. Arteaga, M.D., Juan P. Zarate, M.D., Arunava Chakravartty, Ph.D., Tetiana Taran, M.D., Fabienne Le Gac, Ph.D., Pharm.D., Paolo Serra, M.Sc., and Joyce O'Shaughnessy, M.D
N Engl J Med 2022; 386:942-950 DOI: 10.1056/NEJMoa2114663

Ribociclib with letrozole vs letrozole alone in elderly patients with hormone receptor-positive, HER2-negative breast cancer in the randomized MONALEESA-2 trial.
Sonke GS, Hart LL, Campone M, Erdkamp F, Janni W, Verma S, Villanueva C, Jakobsen E, Alba E, Wist E, Favret AM, Bachelot T, Hegg R, Wheatley-Price P, Souami F, Sutradhar S, Miller M, Germa C, Burris HA.
https://www.ncbi.nlm.nih.gov/pubmed/29058175 Breast Cancer Res Treat. 2018 Feb;167(3):659-669

Updated results from MONALEESA-2, a phase III trial of first line ribociclib plus letrozole versus placebo plus letrozole in hormone receptor-positive, HER2-negative advanced breast cancer.
Hortobagyi GN, Stemmer SM, Burris HA, Yap YS, Sonke GS, Paluch-Shimon S, Campone M, Petrakova K, Blackwell KL, Winer EP, Janni W, Verma S, Conte P, Arteaga CL, Cameron DA, Mondal S, Su F, Miller M, Elmeliegy M, Germa C, O'Shaughnessy J.
Ann Oncol. 2018 Jul 1;29(7):1541-1547

Ribociclib plus letrozole versus letrozole alone in patients with de novo HR+, HER2-advanced breast cancer in the randomized MONALEESA-2 trial
O'Shaughnessy J, Petrakova K, Sonke GS, Conte P, Arteaga CL, Cameron DA, Hart LL, Villanueva C, Jakobsen E, Beck JT, Lindquist D, Souami F, Mondal S, Germa C, Hortobagyi GN.
Breast Cancer Res Treat. 2018 Feb;168(1):127-134

Ribociclib plus letrozole versus letrozole alone in patients with denovo HR+, HER2− advanced breast cancer in the randomized MONALEESA-2 trial

Joyce O'Shaughnessy, Katarina Petrakova, Gabe S. Sonke, Pierfranco Conte, Carlos L. Arteaga, David A. Cameron, Lowell L. Hart, Cristian Villanueva, Erik Jakobsen, Joseph T. Beck, Deborah Lindquist, Farida Souami, Shoubhik Mondal,Caroline Germa1,Gabriel N. Hortobagyi
Breast Cancer Research and Treatment, 18 September 2017

Ribociclib as First-Line Therapy for HR-Positive, Advanced Breast Cancer.
Hortobagyi GN, Stemmer SM, Burris HA, Yap YS, Sonke GS, Paluch-Shimon S, Campone M, Blackwell KL, André F, Winer EP, Janni W, Verma S, Conte P, Arteaga CL, Cameron DA, Petrakova K, Hart LL, Villanueva C, Chan A, Jakobsen E, Nusch A, Burdaeva O, Grischke EM, Alba E, Wist E, Marschner N, Favret AM, Yardley D, Bachelot T, Tseng LM, Blau S, Xuan F, Souami F, Miller M, Germa C, Hirawat S, O'Shaughnessy J.
N Engl J Med. 2016 Oct 7.

BOOG 2014-02 / BRAVO
Niraparib for Advanced Breast Cancer with Germline BRCA1 and BRCA2 Mutations: the EORTC 1307-BCG/BIG5-13/TESARO PR-30-50-10-C BRAVO Study. Turner NC, Balmaña J, Poncet C, Goulioti T, Tryfonidis K, Honkoop AH, Zoppoli G, Razis E, Johannsson OT, Colleoni M, Tutt AN, Audeh W, Ignatiadis M, Mailliez A, Trédan O, Musolino A, Vuylsteke P, Juan-Fita MJ, Macpherson IRJ, Kaufman B, Manso L, Goldstein LJ, Ellard SL, Láng I, Jen KY, Adam V, Litière S, Erban J, Cameron DA; BRAVO Steering Committee and the BRAVO investigators.*Clin Cancer Res. 2021 Jul 22.*

BOOG 2014-03 / OLYMPIA
Sustained benefit of adjuvant olaparib in women with germline BRCA1- and BRCA2- -associated high-risk HER2-negative early breast cancer: Updated results from the OlympiA phase III trial
Garber JE, Cameron D, Campbell C, et al.
Annals of Oncology; Published online 24 August 2026. DOI: 10.1016/j.annonc.2026.08.002

Patient-Reported Outcomes in OlympiA: A Phase III, Randomized, Placebo-Controlled Trial of Adjuvant Olaparib in gBRCA1/2 Mutations and High-Risk Human Epidermal Growth Factor Receptor 2–Negative Early Breast Cancer,
Ganz PA, Bandos H, Španić T, et al.
Journal of Clinical Oncology. Published online February 2024:JCO.23.01214.
*doi:*10.1200/JCO.23.01214

Abstract SABCS 2024 updated analysis reports the results of the third pre-specified IA with median follow-up (MFU) of 6.1 years (maximum, 9.6 years). GS1-09: OlympiA: A phase 3, multicenter, randomized, placebo-controlled trial of adjuvant olaparib after (neo)adjuvant chemotherapy in patients w/ germline BRCA1 & BRCA2 pathogenic variants & highrisk HER2- negative primary breast cancer: Judy Garber, David Cameron, Christine Campbell, Greg Yothers, Maria Taboada, Sarra ElAbed, Priya Rastogi, Vicki Paterson, Jinyu Kang, Stephanie Zafonte, Liu Xiaochun, Giuseppe Viale, Tanja Spanic, Rita Schmutzler, Martine Piccart, Sibylle Loibl, Barbro Linderholm, Sunil R. Lakhani, Larissa Korde, Michael Gnant, Karen Gelmon, Sue Friedman, Tanner Freeman, Susan M. Domchek, Gursel Aktan, Richard D. Gelber, Charles E. Geyer, Jr., Andrew N.J. Tutt

Adjuvant olaparib in the subset of patients from Japan with BRCA1- or BRCA2-mutated high-risk early breast cancer from the phase 3 OlympiA trial
Yamauchi, H. et al.
Breast Cancer. 2023;30(4):596-605. doi:10.1007/s12282-023-01451-8

Patient-reported Outcomes in OlympiA: A Phase III, Multicenter, Randomized, Placebo-controlled Trial of Adjuvant Olaparib in Patients with gBRCA1/2 Mutations and High-risk HER2-negative Early Breast Cancer
Ganz, et al.
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Overall survival in the OlympiA phase III trial of adjuvant olaparib in patients with germline pathogenic variants in BRCA1/2 and high-risk, early breast cancer
C E Geyer Jr, J E Garber , R D Gelber, G Yothers, M Taboada, L Ross, P Rastogi, K Cui, A Arahmani , G Aktan, A C Armstrong, M Arnedos, J Balmaña, J Bergh, J Bliss, S Delaloge, S M Domchek, A Eisen, F Elsafy, L E Fein, A Fielding, J M Ford, S Friedman, K A Gelmon, L Gianni, M Gnant, S J Hollingsworth, S-A Im, A Jager, Ó Þ Jóhannsson, S R Lakhani, W Janni, B Linderholm, T-W Liu, N Loman, L Korde, S Loibl, P C Lucas, F Marmé, E Martinez de Dueñas, R McConnell, K-A Phillips, M Piccart, G Rossi, R Schmutzler, E Senkus, Z Shao, P Sharma, C F Singer, T Španić, E Stickeler, M Toi, T A Traina, G Viale, G Zoppoli, Y H Park, R Yerushalmi, H Yang, D Pang, K H Jung 56, A Mailliez 57, Z Fan 58, I Tennevet 59, J Zhang 60, T Nagy 61, G S Sonke 62, Q Sun 63, M Parton 64, M A Colleoni 65, M Schmidt 66, A M Brufsky 1, W Razaq 67, B Kaufman 68, D Cameron 69, C Campbell 70, A N J Tutt 71; OlympiA Clinical Trial Steering Committee and Investigators
*PMID: **36228963** DOI: 10.1016/j.annonc.2022.09.159*

Quality of life results from OlympiA: A phase III, multicenter, randomized, placebo-controlled trial of adjuvant olaparib after (neo)-adjuvant chemotherapy in patients with germline BRCA1/2 mutations and high-risk HER-2 negative early breast cancer
SABCS abstract 2021 GS4-09 Ganz PA

OlympiA: A phase III, multicenter, randomized, placebo-controlled trial of adjuvant olaparib after (neo)adjuvant chemotherapy in patients with germline BRCA1/2 mutations and high-risk HER2-negative early breast cancer. Andrew Tutt, Judy Ellen Garber, Bella Kaufman, Giuseppe Viale, Debora Fumagalli, Priya Rastogi, Richard D. Gelber, Evandro de Azambuja, Anitra Fielding, Judith Balmana Gelpi, Karen A. Gelmon, Nigel Baker, Amal Arahmani, Elzbieta Senkus-Konefka, Eleanor Mc Fadden, Vassiliki Karantza, Sunil R. Lakhani, Greg Yothers, Christine Campbell, Charles E. Geyer *Late breaking oral presentation at ASCO Annual Meeting, June 2021; DOI: 10.1200/JCO.2021.39.15_suppl.LBA1 Journal of Clinical Oncology 39, no. 18_suppl*

Adjuvant Olaparib for Patients with BRCA1- or BRCA2-Mutated Breast Cancer. Andrew N.J. Tutt, Judy E. Garber, Bella Kaufman, Giuseppe Viale, Debora Fumagalli, Priya Rastogi, Richard D. Gelber, Evandro de Azambuja, Anitra Fielding, Judith Balmaña, Susan M. Domchek, Karen A. Gelmon, Simon J. Hollingsworth, Larissa A. Korde, Barbro Linderholm, Hanna Bandos, Elżbieta Senkus, Jennifer M. Suga, Zhimin Shao, Andrew W. Pippas, Zbigniew Nowecki, Tomasz Huzarski, Patricia A. Ganz, Peter C. Lucas, Nigel Baker, Sibylle Loibl, Robin McConnell, Martine Piccart, Rita Schmutzler, Guenther G. Steger, Joseph P. Costantino, Amal Arahmani, Norman Wolmark, Eleanor McFadden, Vassiliki Karantza, Sunil R. Lakhani, Greg Yothers, Christine Campbell, and Charles E. Geyer, for the OlympiA Clinical Trial Steering Committee and Investigators. *Published in New*

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OlympiA, Neo-Olympia and OlympiAD: Randomized phase III trials of olaparib in patients (pts) with breast cancer (BC) and a germline *BRCA1/2* mutation (gBRCAm)
Mark Robson, Andrew Tutt, Judith Balmaña, Bella Kaufman, Judy Garber, Charles Geyer, James Ford, Priyanka Sharma, Mary Stuart, Helen Mann and Peter A Fasching.
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BOOG 2014-04 / LORD
De-escalating treatment for low-risk Ductal Carcinoma In Situ: Early safety of active surveillance without endocrine therapy in the prespecified interim analysis of the LORD-trial* (BOOG 2014-04)
Wesseling, J. et al. (2026).
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DCIS knowledge of women choosing between active surveillance and surgery for low-risk DCIS
Engelhart et al.
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Invasive breast cancer and breast cancer death after non-screen detected ductal carcinoma in situ
Marjanka K Schmidt, Esther H Lips, Renée SJM Schmitz, Ellen Verschuur, Jelle Wesseling.
BMJ 2024; 384

Association of DCIS size and margin status with risk of developing breast cancer post-treatment: multinational, pooled cohort study
Renée S J M Schmitz, Alexandra W van den Belt-Dusebout,,Karen Clements, Yi Ren,Chiara Cresta, Jasmine Timbres,Yat-Hee Liu, Danalyn Byng,Thomas Lynch,Brian A Menegaz, Deborah Collyar, Terry Hyslop, Samantha Thomas, Jason K Love,Michael Schaapveld , Proteeti Bhattacharjee, Marc D Ryser, Elinor Sawyer, E Shelley Hwang, Alastair Thompson, Jelle Wesseling, Esther H Lips, Marjanka K Schmidt, on behalf of the Grand Challenge PRECISION consortium.
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Active surveillance versus treatment in low-risk DCIS: Women's preferences in the LORD-trial - European Journal of Cancer (ejcancer.com)
R.S.J.M. Schmitz, E.G. Engelhardt, M.A. Gerritsma, C.M.T. Sondermeijer, E. Verschuur, J. Houtzager, R. Griffioen, V. Retèl, N. Bijker, R.M. Mann, F. van Duijnhoven, J. Wesseling, E.M.A. Bleiker, Grand Challenge PRECISION Consortium
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The successful patient-preference design for the LORD-trial to test whether active surveillance for low-risk Ductal Carcinoma In Situ is safe.
R. Schmitz, C. Sondermeijer, V. van der Noort, Ellen G. Engelhardt, M. Gerritsma, E. Verschuur, M. van Oirsouw, Eveline M.A. Bleiker, Nina Bijker, R. Mann, Frederieke van Duijnhoven, Jelle Wesseling.
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112P Patients' knowledge about ductal carcinoma in situ

Ellen G. Engelhardt, R. Schmitz, M. Gerritsma, C. Sondermeijer, E. Verschuur-van der Voort, M. van Oirsouw, Valesca P. Retèl , Frederieke van Duijnhoven, Jelle Wesseling, Eveline M.A. Bleiker.
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Prediction models and decision aids for women with ductal carcinoma in situ: a systematic literature review.
Renée S.J.M.Schmitz, Erica A. Wilthagen, Frederieke van Duijnhoven, Marja van Oirsouw, Ellen Verschuur, Thomas Lynch, Rinaa S. Punglia, E. Shelley Hwang, Jelle Wesseling, Marjanka K. Schmidt, Eveline M. A. Bleiker Ellen G. Engelhardt and Grand Challenge PRECISION Consortium.
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Preferences of Treatment Strategies among Women with Low-Risk DCIS and Oncologists
Danalyn Byng,Valesca P. Retèl, Ellen G. Engelhardt, Catharina G. M. Groothuis-Oudshoorn, Janine A. van Til, Renée S. J. M. Schmitz, Frederieke van Duijnhoven, Jelle Wesseling
Cancers 2021, 13(16), 3962

Feasibility of a prospective, randomised, open-label, international multicentre, phase III, non-inferiority trial to assess the safety of active surveillance for low risk ductal carcinoma in situ – The LORD study
Lotte E. Elshof a,b,c, Konstantinos Tryfonidis d, Leen Slaets e, A. Elise van Leeuwen-Stok f, Victoria P. Skinner a, Nicolas Dif g, Ruud M. Pijnappel h, Nina Bijker i, Emiel J.Th. Rutgers a, Jelle Wesseling b,j,⇑
European Journal of Cancer (2015) 51, 1497–1510

The LORD trial: A randomized, non-inferiority trial, between active surveillance versus standard treatment in patients with low risk ductal carcinoma in situ
Lotte E Elshof, Konstantinos Tryfonidis, Leen Slaets, A Elise van Leeuwen-Stok, Nicolas Dif, Victoria P Skinner, Claudette E Loo, Gonneke Warnars, Eveline Bleiker, Ruud M Pijnappel, Nina Bijker5, Emiel JTh Rutgers and Jelle Wesseling,
Abstract SABCS 2014, Program Number: OT3-6-01

BOOG 2014-05 / INFLAME
Clinicopathological and molecular characterization of inflammatory breast cancer, the prospective INFLAME registry study.
Jasper J L van Geel, Elisabeth M Jongbloed, Jasmine Moustaquim, Gonneke van der Schoor, A Elise van Leeuwen-Stok, Marcel Smid, Carolien H M van Deurzen, Saskia M Wilting, Jelle Wesseling, Gabe S Sonke, John W M Martens, Carolina P Schröder'
NPJ Breast Cancer. 2025 May 29;11(1):48. doi: 10.1038/s41523-025-00764-5.

Clinicopathological characterization of inflammatory breast cancer in the Netherlands: First results of the prospective INFLAME registry
SABCS 2021 abstract P1-24-03 van Geel JJL

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Inflammatoir mammacarcinoom: belang voor de huisartspraktijk.
Schröder CP, van der Woude GF, Jansen L, Martens J, Wesseling J, Sonke G.
Huisarts & Wetenschap 2017; 8: 404-407.

Immune cell type fractions and gene expression in inflammatory breast cancer
Bense R, de Vries EGE, Fehrmann R, Schröder CP. Oral poster presentation by C.P. Schröder on July 10, 2016.
5th International Inflammatory Breast Cancer Conference, Harvard Medical School, Boston, U.S.A.

BOOG 2015-01 / MONARCH-3
Abemaciclib Plus Fulvestrant or Nonsteroidal Aromatase Inhibitor in Participants With HR+, HER2- Breast Cancer – A Pooled Analysis of the Endocrine Therapy-Naïve Participants With Measurable Disease in MONARCH 2 and MONARCH 3
SABCS 2021 abstract P1-18-21 Goetz MP, et al. Presented at: American Society of Clinical Oncology, June 1-5, 2018; Chicago, IL. USA.

BOOG 2015-02 / MONALEESA-3
Pooled Analysis of Patients Treated With 1st-Line Ribociclib + Endocrine Therapy in the MONALEESA Studies: Long-Term Progression-Free Survival
André F. et al
SABCS 2025 poster# PD5-10

Progression-Free Survival and Overall Survival Results from the Phase 3 MONALEESA-3 Trial of Postmenopausal Patients with HR+/HER2– Advanced Breast Cancer Treated with Ribociclib Plus Fulvestrant: A Subgroup Analysis of Patients with Invasive Lobular Carcinoma
De Laurentiis M. et al.
SABCS 2025 poster# PS1-10-27

Efficacy, safety, and patient-reported outcomes across young to older age groups of patients with HR+/HER2‑ advanced breast cancer treated with ribociclib plus endocrine therapy in the randomized MONALEESA-2, -3, and -7 trials
Hart et al.
Eur J Cancer 217 (2025) 115225

Intrinsic Subtype and Overall Survival of Patients with Advanced HR+/HER2- Breast Cancer Treated with Ribociclib and ET: Correlative Analysis of MONALEESA-2, -3, -7
Prat et al
Clinical Cancer Research 2024

Updated overall survival from the MONALEESA-3 trial in postmenopausal women with HR+/HER2– advanced breast cancer receiving first-line ribociclib plus fulvestrant
P. Neven G.S. Sonke et al.
Breast Cancer Research (2023) 25:103;

Identification of mechanisms of acquired resistance to ribociclib plus endocrine therapyusing baseline and end-of-treatment circulating tumor DNA samples in the MONALEESA-2, -3, and -7 trials
André et al
P5-02-14 SABCS 2022

Pooled gene expression analysis and association with treatment response in patients with HR+/HER2–advanced breast cancer in the MONALEESA-2, -3, and -7 trials
Bardia et al PD17-08

SABCS 2022

Pooled analysis of post-progression treatments after first-line ribociclib + endocrine therapy in patients with HR+/HER2– advanced breast cancer in the MONALEESA-2, -3, and -7 studies
Hamilton et al P4-01-42
SABCS 2022

Analysis of first-line (1L) patients (pts) with de novo disease vs late relapse and all pts with vs without prior chemotherapy (CT) in the MONALEESA-3 (ML-3) trial
SABCS 2021 abstract P1-18-11 De Laurentiis

Ribociclib plus fulvestrant for postmenopausal women with hormone receptor-positive, human epidermal growth factor receptor 2-negative advanced breast cancer in the phase III randomized MONALEESA-3 trial: updated overall survival
D J Slamon , P Neven , S Chia , G Jerusalem , M De Laurentiis , S Im , K Petrakova , G Valeria Bianchi, M Martín , A Nusch, G S Sonke, L De la Cruz-Merino, J T Beck, Y Ji, C Wang, U Deore, A Chakravartty, J P Zarate, T Taran, P A Fasching
Ann Oncol.2021 Aug;32(8):1015-1024. doi: 10.1016/j.annonc.2021.05.353. Epub 2021Jun 5

Phase III Randomized Study of Ribociclib and Fulvestrant in Hormone Receptor-Positive, Human Epidermal Growth Factor Receptor 2-Negative Advanced Breast Cancer: Slamon DJ, Neven P, Chia S, Fasching PA, De Laurentiis M, Im SA, Petrakova K, Bianchi GV, Esteva FJ, Martín M, Nusch A, Sonke GS, De la Cruz-Merino L, Beck JT, Pivot X, Vidam G, Wang Y, Rodriguez Lorenc K, Miller M, Taran T, Jerusalem G.
J Clin Oncol. 2018 Aug 20;36(24):2465-2472

BOOG 2015-03 / POSITIVE
Updated Results from the POSITIVE Trial (Pregnancy Outcome and Safety of Interrupting Therapy for Women with Endocrine Responsive Breast Cancer) Trial
O. Pagani et al.
Annuals of Oncology, Volume 37, Issue 9, p1230-1241, September 2026.
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Updated Results from the POSITIVE Trial (Pregnancy Outcome and Safety of Interrupting Therapy for Women with Endocrine Responsive Breast Cancer) Trial
ESMO 2025 oral presentation

Hormonal factors predictive of fertility in patients with breast cancer interrupting adjuvant endocrine therapy to attempt pregnancy in POSITIVE trial
I. Demeestere et al.
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Breastfeeding After Hormone Receptor-Positive Breast Cancer: Results From the POSITIVE Trial
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Cardoso F, Klar NJ, Ferreiro T, El-Abed S, Piccart M, Korde LA, Goldhirsch A, Gelber RD, Pagani O, Azim HA Jr; International Breast Cancer Study Group and the POSITIVE Trial Collaborators.
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Predictive biomarkers of fertility in patients with breast cancer interrupting adjuvant endocrine therapy to attempt pregnancy in the POSITIVE trial
ESMO Breast 2025 poster

Fertility Preservation and Assisted Reproduction in Patients With Breast Cancer Interrupting Adjuvant Endocrine Therapy to Attempt Pregnancy
Dr. Hatem A Azim Jr et al
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Peccatori FA, et al.
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Dr. Hatem A Azim Jr
SABCS 2023 als een oral presentation. POSITIVE abstract #1571477

Interrupting Endocrine Therapy to Attempt Pregnancy After Breast Cancer
Ann H Partridge, Samuel M Niman, Monica Ruggeri, Fedro A Peccatori, Hatem A Azim Jr, Marco Colleoni, Cristina Saura, Chikako Shimizu, Anna Barbro Sætersdal, Judith R Kroep, Audrey Mailliez, Ellen Warner, Virginia F Borges, Frédéric Amant, Andrea Gombos, Akemi Kataoka, Christine Rousset-Jablonski, Simona Borstnar, Junko Takei, Jeong Eon Lee, Janice M Walshe, Manuel Ruíz Borrego, Halle CF Moore, Christobel Saunders, Vesna Bjelic-Radisic, Snezana Susnjar, Fatima Cardoso, Karen L Smith, Teresa Ferreiro, Karin Ribi, Kathryn Ruddy, Roswitha Kammler, Sarra El-Abed, Giuseppe Viale, Martine Piccart, Larissa A Korde, Aron Goldhirsch†, Richard D Gelber, Olivia Pagani, for International Breast Cancer Study Group
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Who are the women enrolled in the POSITIVE Trial: a global study to support young hormone receptor positive breast cancer survivors desiring pregnancy?
Ann H Partridge, Samuel M Niman, Monica Ruggeri, Fedro A Peccatori, Hatem A Azim Jr, Marco Colleoni, Cristina Saura, Chikako Shimizu, Anna Barbro Sætersdal, Judith R Kroep, Audrey Maillez, Ellen Warner, Virginia F Borges, Frederic Amant, Andrea Gombos, Akemi Kataoka,

Christine Rousset-Jablonski, Simona Borstnar, Hideko Yamauchi, Jeong Eon Lee, Janice M Walshe, Manuel Ruíz Borrego, Halle CF Moore, Christobel Saunders, Fatima Cardoso, Snezana Susnjar, Vesna Bjelic-Radisic, Karen L Smith, Martine Piccart, Larissa A Korde, Aron Goldhirsch, Richard D Gelber, Olivia Pagani
Breast, 2021 Aug 3;59:327-338.

Estimation of Historical Control Rate for a Single Arm De-escalation Study – Application to the POSITIVE Trial.
Sun Z, Niman SM, Pagani O, Partridge AH, Azim HA, Peccatori FA, Ruggeri M, Di Leo A, Colleoni M, Gelber RD, Regan MM; POSITIVE Steering Committee and Investigators.
Breast 2020;53:1-7. doi: 10.1016/j.breast.2020.05.012 Epub 2020 Jun 2. (IBCSG 48-14/ BIG 8-13/ Alliance A221405) (Journal Impact Factor 3.494).

Baseline characteristics of women enrolled in the POSITIVE trial (pregnancy outcome and safety of interrupting therapy for women with endocrine responsIVE breast cancer)
Ann H Partridge, Samuel M Niman, Monica Ruggeri, Fedro A Peccatori, Hatem A Azim, Jr, Marco Colleoni, Cristina Saura, Chikako Shimizu, Anna Barbro Satersdal, Judith Kroep, Ellen Warner, Virginia F Borges, Andrea Gombos, Akemi Kataoka, Christine Rousset-Jablonski, Simona Borstnar, Hideko Yamauchi, Jeong Eon Lee, Janice M Walshe, Manuel Ruiz Borrego, Halle CF Moore, Christobel Saunders, Fatima Cardoso, Snezana Susnjar, Vesna Bjelic-Radisic, Karen L Smith, Martine Piccart, Larissa A Korde, Aron Goldhirsch, Richard D Gelber and Olivia Pagani.
POSITIVE Investigators,
International Breast Cancer Study Group, Alliance for Clinical Trials in Oncology, Breast International Group, North American Breast Cancer Group, Bern, Switzerland
SABCS 2020 Abstract PS12-17

Behandelpauze om zwanger te raken. Anti-hormonale therapie veilig onderbreken?
J.R. Kroep
B-proefd BVN 2018 nr 21

Pregnancy after breast cancer: Are young patients willing to participate in clinical studies?
Pagani O, Ruggeri M, Manunta S, Saunders C, Peccatori F, Cardoso F, Kaufman B, Paluch-Shimon S, Gewefel H, Gallerani E, Abulkhair OM, Pistilli B, Warner E, Saloustros E, Perey L, Zaman K, Rabaglio M, Gelber S, Gelber RD, Goldhirsch A, Korde L, Azim HA Jr, Partridge AH.
Breast. 24:201-207, 2015 (IBCSG 48-14) (Journal impact factor 2.381).

BOOG 2016-01 / TOP-1
Minder onnodige bestraling bij ouderen. Tailored treatment for Older Patients
Dr. Gerrit-Jan Liefers
B-proefd BVN 2016 nr 18

De behandeling van oudere vrouwen met borstkanker. De-escalatie in de oncologie
Astrid N. Scholten, Carolien P. Schröder, Sjoerd G. Elias en Gerrit Jan Liefers
Ned Tijdschrift Geneeskunde. 2021;165:D5626

BOOG 2016-02 / PALLAS
Nader-Marta et al., characterizing HER2-low patients within the PALLAS cohort, was published in

Clinical characterization, prognostic, and predictive values of HER2-low in patients with early breast cancer in the PALLAS trial (ABCSG-42/AFT-05/BIG-14-13/PrE0109).
Nader-Marta G, Singer C, Hlauschek D, DeMichele A, Tarantino P, de Azambuja E, Pfeiler G, Martin M, Balko JM, Nowecki Z, Balic M, Brufsky AM, Chan A, Morris PG, Haddad T, Loibl S, Liu Y, Soelkner L, Fesl C, Mayer EL, Gnant M; PALLAS groups and investigators.Breast Cancer Res. 2024 Oct 7;26(1):140. doi: 10.1186/s13058-024-01899-2.PMID: 39375745 Free PMC article. Clinical Trial.

Quality-of-life and symptom severity in the PALLAS randomized trial of palbociclib with adjuvant endocrine therapy in early breast cancer (AFT-05, ABCSG-42, BIG-14-03, PrE0109).
Naughton MJ, Zahrieh DM, Gnant M, Zdenkowski N, Lemieux J, Mao JJ, Bjelic-Radisic V, Shinn E, Balic M, Thomssen C, Meisel JL, Ruiz GM, Loibl S, Isaacs C, Cameron D, Henao-Carrasco FM, Goetz MP, Singer CF, Werutsky G, Rugo HS, Vetter M, Tseng LM, Miller K, Fitzal F, Gil Gil JM, Park H, Linderholm B, Bajetta E, Dayao Z, Prat A, Ehrhardt K, Metzger O, Arahmani A, Law EH, Partridge AH, Carey LA, Zoroufy A, Dueck AC, O'Brien P, Hlauschek D, DeMichele A, Mayer EL.ESMO Open. 2025 Jun;10(6):105120. doi: 10.1016/j.esmoop.2025.105120. Epub 2025 Jun 4.

Drug-drug interactions between palbociclib and proton pump inhibitors in early breast cancer: an exploratory analysis of PALLAS (ABCSG-42/AFT-05/BIG-14-13/PrE0109).
Agostinetto E, Pfeiler G, Hlauschek D, Mayer EL, Lambertini M, de Azambuja E, Bellet-Ezquerra M, Meisel JL, Rubovszky G, Zdenkowski N, Novik Y, Ruiz-Borrego M, Gelmon KA, Mamounas EP, Iwata H, Lu DR, Soelkner L, Fesl C, Gnant M, DeMichele A.ESMO Open. 2025 Jan;10(1):104096. doi: 10.1016/j.esmoop.2024.104096. Epub 2025 Jan 3.

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Analysis of the sensitivity to endocrine therapy (SET) assay in the PALLAS adjuvant trial of palbociclib in HR+/HER2- breast cancer
Metzger O, Ballman KV, Gnant M, et al.
JCO. 2024;42(16_suppl):538-538. doi: 10.1200/JCO.2024.42.16_suppl.538

Racial and Ethnic Differences in Clinical Outcomes among North American Patients with Hormone Receptor-Positive, HER2-negative, Early Breast Cancer in the PALLAS Trial (AFT-05)
SABCS 2023 (PO3-02-05)
Cancer Research, Vol 84, Issue 9_supl. PO3-02-05

The impact of drug-drug interactions between palbociclib and proton pump inhibitors on clinical outcomes of patients with hormone receptor positive, HER2-negative, early breast cancer: an exploratory analysis of the PALLAS study
SABCS 2023 (PO1-01-08)
Cancer Research, Vol 84, Issue 9_supl. PO1-01-08

Clinical characterization, prognostic and predictive values of HER2-low in early breast cancer in the PALLAS trial
SABCS 2023 (PO1-01-13)
Cancer Research, Vol 84, Issue 9_supl. PO1-01-13

Protocol-defined biomarker analysis in the PALLAS adjuvant trial (AFT-05; ABCSG-42): Genomic subtype derived from RNA sequencing of HR+/HER2- early breast cancer

SABCS 2023 (GS03-07)
Cancer Research, Vol 84, Issue 9_supl. GS03-07

Impact of Body Mass Index on treatment and outcomes in early hormone receptor[1]positive breast cancer patients receiving endocrine therapy with or without palbociclib in the PALLAS trial
ASCO 2023 poster

Development and validation of a composite biomarker predictive of Palbociclib + endocrine treatment benefit in early breast cancer: PENELOPE-B and PALLAS trials
SABCS 2022 poster session

Impact of Body Mass Index on treatment and outcomes in early hormone receptor positive breast cancer patients receiving endocrine therapy with or without palbociclib in the PALLAS trial
ASCO 2022 poster

Adjuvant Palbociclib for Early Breast Cancer: The PALLAS Trial Results (ABCSG-42/AFT-05/BIG-14-03)
Gnant, M. et al on behalf of the PALLAS group and investigators
Journal of Clnical Oncology. 2021; 40(3)

Adjuvant palbociclib in HR+/HER2- early breast cancer: Final results from 5,760 patients in the randomized phase III PALLAS trial
SABCS abstract 2021 GS1-07 Gnant M

Palbociclib with adjuvant endocrine therapy in early breast cancer (PALLAS): interim analysis of a multicentre, open-label, randomised, phase 3 study
Erica L Mayer et al
Lancet Oncology, February 2021

Treatment exposure and discontinuation in the PALLAS trial: PALbociclib CoLlaborative Adjuvant Study of palbociclib with adjuvant endocrine therapy for HR+/HER2- early breast cancer
Erica L. Mayer, Christian Fesl, Amylou Dueck, Michael Gnant, Angela DeMichele, on behalf of the PALLAS study team.
SABCS 2020 Abstract PD2-03

BOOG 2017-01 / NEOLBC
Pathway activity profiling can predict neoadjuvant endocrine therapy response in HR+ HER2- postmenopausal early stage breast cancer
de Gruil N, de Groot AF, Wesseling-Rozendaal Y, Keizer D, Koekenbier C, Vermeer S, Cohen D, Heijns JB, Mandigers CMPW, van de Wouw AJ, Cloos-van Balen M, Ropela JA, Oosterkamp HM, van Bekkum ML, Houtsma D, den Biezen E, Liefers GJ, Linn SC and Kroep JR
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Ribociclib-Letrozole Combination as an Alternative for Neoadjuvant Chemotherapy in Selected Postmenopausal Patients with Luminal Breast Cancer (BOOG 2017-01)

Anne F de Groot, Danielle Cohen, Joan B Heijns, Caroline M P W Mandigers, Agnes J van de Wouw, Marissa Cloos-van Balen, Joanna A Ropela, Hendrika M Oosterkamp, Marlies L van Bekkum, Danny Houtsma, Hein Putter, Elma Meershoek-Klein Kranenbarg, Marjolijn Duijm-de Carpentier, Kyra L Dijkstra, A Elise van Leeuwen-Stok, Sjoerd H van der Burg, Gerrit-Jan Liefers, Sabine C Linn, Judith R Kroep
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The use of ribociclib letrozole combination as an alternative for neoadjuvant chemotherapy in selected patients with early luminal breast cancer (BOOG 2017-01)
De Groot AF et al.
SABCS 2022 poster

CDK4/6 inhibition in early and metastatic breast cancer: A review
de Groot AF, Kuijpers CJ, Kroep JR
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BOOG 2017-03 / SONIA
SONImage – can molecular imaging predict outcome to first-line endocrine treatment ± CDK 4/6 inhibition in advanced ER+ breast cancer?
Jasmine Moustaquim, Jelijn J. Knip, Esther M. M. Smeets, Sjoerd G. Elias, Jasper J. L. van Geel, Ramsha Iqbal, Andor W. J. M. Glaudemans, Geke A. P. Hospers, Lemonitsa H. Mammatas, Jaap J.M. Teunissen, Marcel P.M. Stokkel, Gerben J.C. Zwezerijnen, Daniela E. Oprea-Lager, Gabe S. Sonke, Agnes Jager, Inge R. Konings, A. Elise van Leeuwen-Stok, E.G. Elisabeth de Vries, C. Willemien Menke-van der Houven van Oordt, Carolina P. Schröder
ESMO Breast 2026 abstract

Overall Survival With First-Line vs Second-Line CDK4/6 Inhibitor Use in Advanced Breast Cancer: A Randomized Clinical Trial
Noor Wortelboer, MD; Annemiek van Ommen-Nijhof, MD, PhD; Inge R. Konings, MD, PhD, Vincent van der Noort, PhD; Esther van den Pol, PhD; Cristina Guerrero Páez, MSc; Sandra D. Bakker, MD; Sjoerd Hovenga, MD, PhD; Alex L. T. Imholz, MD, PhD; Yvonne J. L. Kamm, MD, PhD; Lobke van Leeuwen, MD; Sylvia A. Luykx-de Bakker, MD; Caroline M. P. W. Mandigers, MD, PhD; Johanna M. G. H. van Riel, MD, PhD; Jolien Tol, MD, PhD; Agnes J. van de Wouw, MD, PhD; Saskia M. Wilting, PhD; A. Elise van Leeuwen-Stok, PhD; Agnes Jager, MD, PhD; Gabe S. Sonke, MD, PhD
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Early versus deferred use of CDK4/6 inhibitors in advanced breast cancer: circulating tumor DNA analysis of a randomized phase 3 trial
Elisabeth M. Jongbloed, Noor Wortelboer, Vanja de Weerd, Corine M. Beaufort, Kirsten Ruigrok-Ritstier, Mai N. Van, Jaco Kraan, Annette A. van Zweeden, Annemieke van der Padt-Pruijsten, Lisanne C. Hamming, Inge R. Konings, Gabe S. Sonke, Esther Oomen-de Hoop, John W. M. Martens, Agnes Jager & Saskia M. Wilting
***Nature Medicine* (2025)**

Palbociclib exposure in relation to efficacy and toxicity in patients with advanced breast cancer.
S M Buijs, M I Mohmaed Ali, E Oomen-de Hoop, C L Braal, N Wortelboer, A van Ommen-Nijhof, G S Sonke, I R Konings, A Jager, N Steeghs, H Siebinga, R H J Mathijssen, A D R Huitema, S L W Koolen.
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Gabe S Sonke, Annemiek van Ommen-Nijhof, Noor Wortelboer, Vincent van der Noort, Astrid C P Swinkels, Hedwig M Blommestein, Cristina Guerrero Paez, Linda Mol, Aart Beeker, Karin Beelen, Lisanne C Hamming, Joan B Heijns, Aafke H Honkoop, Paul C de Jong, Quirine C van Rossum-Schornagel, Christa van Schaik-van de Mheen, Jolien Tol, Cathrien S Tromp-van Driel, Suzan Vrijaldenhoven, A Elise van Leeuwen-Stok, Inge R Konings, Agnes Jager and the SONIA Study Consortium.
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Cost-effectiveness of CDK4/6 inhibitors in first- vs second-line for advanced breast cancer (ABC) in the phase III SONIA trial (BOOG 2017-03).
N. Wortelboer, S. Kent, I.R. Konings, A. Van Ommen-Nijhof, V. van der Noort, E. van den Pol, C. Guerrero Páez, M. van Bekkum, H.J. Droogendijk, F. Erdkamp, D. Houtsma, H.M. Oosterkamp, A. van der Padt-Pruijsten, E.J. Siemerink, J. Tol, A.A. van Zweeden, A.E. van Leeuwen-Stok, G.S. Sonke, A. Jager, H.M. Blommestein,
Annals of Oncology, Vol 35, Supplement 2, S364; Abstract ESMO 2024 352P

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Cognitive function in patients with HR+ advanced breast cancer treated with endocrine therapy with or without CDK4/6 inhibitors in the SONIA trial.
M. Luijendijk, P. Lee Meeuw Kjoe, N. Wortelboer, A. Van Ommen – Nijhof, J. Agelink van Rentergem, I. Vermeulen, I. Konings, A. Jager, G. S. Sonke, E. van der Wall, S. B. Schagen,
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Circulating tumor DNA dynamics in the first treatment line of the SONIA trial,
E. M Jongbloed, S. Stella, L. van Bergen, C. Beaufort, J. Helmijr, V. de Weerd, F. Erdkamp, J. Heijns, Y. Kamm, A. van Riel, Q. van Rossum-Schornagel, Maurice Jansen, I. R. Konings, G. S.Sonke, J.W.M. Martens, A. Jager, S. M Wilting,
AACR Cancer Res 2024, Vol 84, Supplement 9; Abstract SABCS 2023 PO2-14-06

Primary outcome analysis of the phase 3 SONIA trial (BOOG 2017-03) on selecting the optimal position of cyclin-dependent kinases 4 and 6 (CDK4/6) inhibitors for patients with hormone receptor-positive (HR+), HER2-negative (HER2-) advanced breast cancer (ABC)
Gabe S Sonke, Annemiek Van Ommen - Nijhof, Noor Wortelboer, ……, Agnes Jager Md
June 2023 Journal of Clinical Oncology 41(17_suppl):LBA1000-
ASCO 2023 abstract LBA1000 DOI:10.1200/JCO.2023.41.17_suppl.LBA1000

Doelmatigheidsonderzoek naar dure geneesmiddelen: Meer bereiken met lagere kosten
Van Ommen-Nijhof A, Retèl VP, Konings IR, Sonke GS
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A revolving research fund to study efficient use of expensive drugs: big wheels keep on turning
Van Ommen-Nijhof A, Retèl VP, van den Heuvel M, Jager A, van Harten WH, Sonke GS;
Ann Oncol. 2021 Aug 13:S0923-7534(21)03977-6,
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Selecting the optimal position of CDK4/6 inhibitors in hormone receptor-positive advanced breast cancer - the SONIA study: study protocol for a randomized controlled trial.
van Ommen-Nijhof A1, Konings IR2, van Zeijl CJJ2, Uyl-de Groot CA3, van der Noort V1, Jager A4, Sonke GS5; SONIA study steering committee.
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Selecting the optimal position of CDK4/6 inhibitors in hormone-receptor-positive advanced breast cancer – the BOOG 2017-03 SONIA study
Annemiek van Ommen – Nijhof1, Anna van der Voort1, Inge R. Konings2, Agnes Jager3, Gabe S. Sonke1; on behalf of the SONIA investigators and the Dutch Breast Cancer Research Group (BOOG) *Posterpresentatie SABCS 2018 Session 'trial in progress'*

BOOG 2017-04 / BYLIEVE
SGLT2 inhibition improves PI3Kα inhibitor–induced hyperglycemia: findings from preclinical animal models and from patients in the BYLieve and SOLAR-1 trials
Borrego et al
Breast Cancer Research and Treatment (2024) 208:111–121

A risk analysis of alpelisib-induced hyperglycemia in patients with advanced solid tumors and breast cancer
Rodón et al.
Breast Cancer Research (2024) 26:36

Effectiveness of Alpelisib + Fulvestrant Compared With Real-World Standard Treatment Among Patients With HR+, HER2–, PIK3CA-Mutated Breast Cancer
Turner S. et al.
The Oncologist 2021; 9999;

Alpelisib plus fulvestrant in PIK3CA-mutated, hormone receptor-positive advanced breast cancer after a CDK4/6 inhibitor (BYLieve): one cohort of a phase 2, multicentre, open-label, non-comparative study
Rugo, Hope S et al.
The Lancet Oncology, Volume 22, Issue 4, 489 - 498

BOOG 2018-01 / TRAIN-3
MRI-based personalisation of neoadjuvant chemotherapy duration in HER2-positive early breast cancer (TRAIN-3): primary results from a multicentre, single-arm, phase 2 study
Fleur M Louis MD, Anna van der Voort MD, Mette S van Ramshorst MD, Antonios Daletzakis PhD, Ingrid A Mandjes MSc, Inge Kemper MANP, Mariette J Agterof MD, Wim A van der Steeg MD, Joan B Heijns MD, Marlies L van Bekkum MD, Ester J M Siemerink MD, Philomeen M Kuijer MD, Astrid Scholten MD, Prof Jelle Wesseling MD, Prof Marie-Jeanne T F D Vrancken Peeters MD, Mees D

Egeler MSc, Prof Lonneke V van de Poll-Franse PhD, Ritse M Mann MD, Prof Gabe S Sonke MD; on behalf of the Dutch Breast Cancer Research Group (BOOG)
The Lancet Oncology, available online 16 February 2026

MRI-guided optimisation of neoadjuvant chemotherapy duration in stage II–III HER2-positive breast cancer (TRAIN-3): a multicentre, single-arm, phase 2 study
van der Voort A, Louis FM, van Ramshorst MS, Kessels R, Mandjes IA, Kemper I, Agterof MJ, van der Steeg WA, Heijns JB, van Bekkum ML, Siemerink EJ, Kuijer PM, Scholten AN, Wesseling J, Vrancken Peeters MJTFD, Mann RM, Sonke GS; On behalf of the Dutch Breast Cancer Research Group (BOOG)
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Image-guided de-escalation of neoadjuvant chemotherapy in HER2-positive breast cancer: the TRAIN-3 study.
van der Voort A, van Ramshorst MS, Dezentjé VO, van der Steeg WA, Winter-Warnars GAO, Schipper RJ, Scholten AN, Wesseling J, van Werkhoven ED, van Duijnhoven F, Vrancken Peeters MJTFD, Sonke GS; On behalf of the Dutch Breast Cancer Research Group (BOOG)
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BOOG 2019-01 / TIBET
Trifluridine-tipiracil in previously treated patients with oestrogen receptor-positive, HER2-negative metastatic breast cancer (BOOG 2019-01 TIBET trial): a single-arm, multicentre, phase 2 trial
Guchelaar, Niels A.D. et al.
eClinicalMedicine, Volume 80, 103065
doi: 10.1016/j.eclinm.2024.103065

BOOG 2020-02 / AMEERA-5
AMEERA-5 : A randomized, doubleblind phase 3 study of amcenestrant (SAR439859) + palbociclib versus letrozole + palbociclib for previously untreated ER+/HER2- advanced breast cancer
Aditya Bardia , Javier Cortes , Sara Hurvitz , Suzette Delaloge , Hiroji Iwata , Zhi-Ming Shao , Dheepak Kanagavel , Patrick Cohen, Qianying Liu, Sylvaine Cartot-Cotton, Vasiliki Pelekanou*, Joyce O'Shaughnessy
Posterpresentatie SABCS 2021

BOOG 2020-03 / SELECT
Contralateral parenchymal enhancement on breast MRI before and during neoadjuvant endocrine therapy in relation to the preoperative endocrine prognostic index
Max A. A. Ragusi, Claudette E. Loo, Bas H. M. van der Velden, Jelle Wesseling, Sabine C. Linn, Regina G. Beets-Tan, Sjoerd G. Elias & Kenneth G. A. Gilhuijs
Eur Radiol 30, 6740–6748 (2020), https://doi.org/10.1007/s00330-020-07058-3

BOOG 2021-01 / SEQUEL BREAST

Efficacy of fulvestrant beyond progression with alpelisib for HR+ HER2- advanced breast cancer: results of the BOOG 2021-01 SEQUEL-Breast study
ESMO Breast 2026 abstract 496P

SEQUence of Endocrine therapy in advanced Luminal Breast cancer (SEQUEL-Breast):A phase 2 study on fulvestrant beyond progression in combination with alpelisib for PIK3CA-mutated, HR+ HER2- advanced breast cancer
SABCS 2022 poster

BOOG 2021-04 / TROPION-Breast 01
Datopotamab Deruxtecan Versus Chemotherapy in Previously Treated Inoperable/Metastatic Hormone Receptor–Positive Human Epidermal Growth Factor Receptor 2–Negative Breast Cancer: Primary Results From TROPION-Breast01
Bardia, A. et al.
Journal of Clinical Oncology 2024; volume 43, number 3 https://doi.org/10.1200/JCO.24.00920

Abstract OT1-03-04: Datopotamab deruxtecan (Dato-DXd), a TROP2 antibody-drug conjugate, vs investigators' choice of chemotherapy in previously-treated, inoperable or metastatic HR+/HER2– breast cancer: TROPION-Breast01
Bardia, A. et al.
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LBA11 - Datopotamab deruxtecan (Dato-DXd) vs chemotherapy in previously-treated inoperable or metastatic hormone receptor-positive, HER2-negative (HR+/HER2–) breast cancer (BC): Primary results from the randomised phase III TROPION-Breast01 trial
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A phase III trial of alpelisib + trastuzumab ± fulvestrant versus trastuzumab + chemotherapy in HER2+ PIK3CA-mutated breast cancer., Pérez-Fidalgo JA, Criscitiello C, Carrasco E, et all.
Future oncology, vol. 18, no. 19. Published Online:25 Apr 2022. https://doi. org/10.2217/fon-2022-0045 5 May 2022, 25 April 2022.

BOOG 2021-03 / EMBER-3
Imlunestrant with or without Abemaciclib in Advanced Breast Cancer: Updated Efficacy Results from the phase 3 EMBER-3 trial
K.L. Jhaveri, P. Neven, M.L. Casalnuovo, S-B. Kim, E. Tokunaga, P. Aftimos, C. Saura, J. O'Shaughnessy, N. Harbeck, L.A. Carey, G. Curigliano, J. Watanabe, E. Lim, J. Huang, Z. Qingyuan, A. Llombart-Cussac, C. Huang, B. Desai, Y. Limay, X.A. Wang, S. Cao, F.C. Bidard
Annals of Oncology (2026), doi: https://doi.org/10.1016/j.annonc.2025.11.018

Imlunestrant With or Without Abemaciclib in Advanced Breast Cancer: Updated Efficacy Results From the Phase 3 EMBER-3 Trial
Komal L. Jhaveri, Patrick Neven, Monica Lis Casalnuovo, Sung-Bae Kim, Eriko Tokunaga, Philippe Aftimos, Cristina Saura, JoyceO'Shaughnessy, Nadia Harbeck, Lisa A. Carey, Giuseppe Curigliano, Junichiro Watanabe, Elgene Lim, Juan Huang, Zhang Qingyuan,Antonio Llombart-Cussac, Chiun-Sheng Huang, Bhardwaj Desai, Yemag Limay, XuejingAimee Wang, Shanshan Cao, François-Clement Bidard
SABCS 2025 abstract GS3-08

EMBER-3: A Randomized Phase 3 Study of LY3484356, a Novel, Oral Selective Estrogen Receptor Degrader vs Investigator's Choice of Endocrine Therapy of Either Fulvestrant or Exemestane, in Patients With Estrogen Receptor-Positive, Human Epidermal Growth Factor Receptor 2-Negative, Locally Advanced or Metastatic Breast Cancer Previously Treated With Endocrine-Based Therapy
SABCS 2021 abstract OT2-11-01 Komal Jhaveri

BOOG 2022-02 / DESCARTES
De DESCARTES-Studie: De-escalatie van radiotherapie bij borstkanker patiënten met een complete pathologische respons na neoadjuvante systemische therapie
drs. J.P. van Olmen , drs. A.K.E. van Hemert , prof. dr. L.J. Boersma , dr. C.A. Drukker , dr. E.G. Engelhardt , dr. J.H. Maduro , dr. N.S. Russell , prof. dr. E.J.Th. Rutgers , dr. J. Tol , prof. dr. M.T.F.D. Vrancken Peeters , dr. F.H. van Duijnhoven
Nederlands Tijdschrift voor Oncologie, 2022;19:266–9

De-ESCAlating RadioTherapy in breast cancer patients with pathologic complete response to neoadjuvant systemic therapy: DESCARTES study
Annemiek K E van Hemert, Josefien P van Olmen, Liesbeth J Boersma, John H Maduro, Nicola S Russell, Jolien Tol, Ellen G Engelhardt, Emiel J Th Rutgers, Marie-Jeanne T F D Vrancken Peeters, Frederieke H van Duijnhoven
Breast Cancer Res Treat. 2023 May;199(1):81-89 doi: 10.1007/s10549-023-06899-y. Epub 2023 Mar 9.

BOOG 2022-04 / NABOR
Prioritizing what matters most to me: Evaluating the Breast Cancer Aftercare Decision Aid among patients and healthcare professionals.
A. Dekker-Klaassen, R. Sprengers, M. van Asperen-Barendregt, M.L. van der Lee, J.C. Korevaar, S. Siesling, C.H.C. Drossaert.
Presentatie op Society of Medical Decision Making (SMDM) Conference, Juni 2026, Oslo.

Personalized breast cancer follow-up: clinician and patient experiences with the Breast Cancer Surveillance Decision Aid (BCS-DA)
R. Sprengers, A. Dekker-Klaassen, M. Van Asperen-Barendregt, J.C. Korevaar, M.C. Van Maaren, V.P. Retèl, S. Siesling S, C.H.C. Drossaert
Presentatie op Society of Medical Decision Making (SMDM) Conference, Juni 2026, Oslo

Personalized breast cancer follow-up: clinician and patient experiences with the Breast Cancer Surveillance Decision Aid (BCS-DA)

Sprengers, R.; Dekker-Klaassen A.; Van Asperen-Barendregt, M.; Korevaar J.C.; Van Maaren, M.C.; Retèl, V.P.; Siesling S.; Drossaert C.H.C.
Poster presentatie op EPICON congres, Juni 2026, Enschede.

Personalized surveillance and aftercare for non-metastasized breast cancer: the NABOR study protocol of a multiple interrupted time series design
A. Dekker-Klaassen, R. Sprengers, C.H.C. Drossaert, M.C. van Maaren, A.E. van Leeuwen-Stok, V.P. Retèl, J.C. Korevaar, S. Siesling, NABOR project group
Poster presentatie op EPICON congres, Juni 2026, Enschede.

Nazorg op maat na borstkanker - Ervaringen van patiënten en zorgverleners met de Borstkanker Nazorg keuzehulp.
A. Dekker-Klaassen, R. Sprengers, M. van Asperen-Barendregt, M.L. van der Lee, J.C. Korevaar, S. Siesling, C.H.C. Drossaert.
Poster presentatie op Nederlandse Vereniging Psychosociale Oncologie (NVPO) congres, Maart 2026, Utrecht.

A Goal Without a Plan Is Just a Wish—Creating a Personalized Aftercare Plan for Breast Cancer Patients Supported by the Breast Cancer Aftercare Decision Aid.
Dekker-Klaassen, A., Drossaert, C. H. C., Thé, R., Zeillemaker, A. M., van Hezewijk, M., De Keulenaar-Suiker, I. M., Knottnerus, B. J., Honkoop, A., van der Lee, M. L., Korevaar, J. C., Siesling, S.
Current Oncology (2025), 32(10), 552. https://doi.org/10.3390/curroncol32100552

Different needs ask for different care: Breast cancer patients' preferences regarding assessment of care needs and information provision in personalized aftercare
Dekker-Klaassen, C.H.C. Drossaert, L.S. Folkert, M.L. Van der Lee, C. Guerrero-Paez, S. Claassen, J.C. Korevaar, S. Siesling
European Journal of Oncology Nursing (2025), 76: 102873.
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Perspectives of health care professionals on the value of physical examinations for early detection of breast cancer recurrences: More than just a detection method?
Dekker-Klaassen, A. & Godding, L.T.H. & Hezewijk, Marjan & Korevaar, Joke & Wiegersma, J. & Drossaert, Constance & Siesling, S.
Measurement and Evaluations in Cancer Care (2025). 3. 100016. 10.1016/j.ymecc.2025.100016.

The Added Value of Physical Examination for Breast Cancer Recurrence Detection in Women: A Systematic Review
Godding, L. T. H., Dekker-Klaassen, A., Volders, J. H., van Hezewijk, M., Siemerink, E. J. M., van Uden, D., Veltman, J., Eijkelboom, A. H., & Siesling, S.
Clinical breast cancer (2025), 25(4), e383–e393.e2. https://doi.org/10.1016/j.clbc.2024.12.014

The INFLUENCE 3.0 model: Updated predictions of locoregional recurrence and contralateral breast cancer, now also suitable for patients treated with neoadjuvant systemic therapy
Van Maaren MC, Hueting TA, van Uden DJP, et al.
The Breast 2025; 79: 103829. doi: 10.1016/j.breast.2024.103829.

The effectiveness of personalised surveillance and aftercare in breast cancer follow-up: a systematic review
Van Maaren, M.C., van Hoeve, J.C., Korevaar, J.C. et al.
Support Care Cancer 32(5), 323 (2024). https://doi.org/10.1007/s00520-024-08530-2

Personalized surveillance and aftercare for non-metastasized breast cancer: the NABOR study protocol of a multiple interrupted time series design.
Klaassen-Dekker A, Drossaert CHC, Van Maaren MC, Van Leeuwen-Stok AE, Retel VP, Korevaar JC, Siesling S.
*(2023) BMC Cancer **23***, 1112. https://doi.org/10.1186/s12885-023-11504-y

BOOG 2023-02 / TREAT ctDNA
338TiP - EORTC-2129-BCG: Elacestrant for treating ER+/HER2- breast cancer patients with ctDNA relapse (TREAT ctDNA). Michail Ignatiadis, Emmanouil Saloustros, Ana Joaquim, Jose G. Casas, Catherine M. Kelly, Evangelia Razis, Matteo Lambertini, Theodoros Foukakis, Matthias Fehr, Catharina W. Menke-van der Houven van Oordt, Thayane Antoniolli Crestani, Sonia Pernas Simon, Barbara Bussels, Marianne Hanssens, Patrick Neven, Eleni Xenophontos, Thomas Meyskens, François Clément Bidard, Coralie Poncet, Wolfgang Janni.
Abstract ESMO september 2024

BOOG 2024-01 / SYMPHA
Early detection of symptoms using electronic patient-reported outcomes and a Fitbit to optimise care in metastatic breast cancer: study protocol of the SYMPHA trial
Ingediend bij BMC cancer op 14 januari 2026 (nog niet geaccepteerd)

Early detection of symptoms during chemo(immune)therapy treatment of metastatic breast cancer using ePRO and Fitbits: The SYMPHA trial.
L. Woudstra, M. Mulder, C. Van den Hurk, S. Van den Berg, L. Folkert, M. Amir Haeri, J. Van Hoeve, C. Drossaert, S.M. Van den Berg, C. Guerrero Páez, J. Tol, M.P. Hendriks, N. Raijmakers, A. Jager, S. Siesling
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Fitbit als voorspeller van symptomen tijdens chemotherapiebehandeling bij uitgezaaide borstkanker
Woudstra et al
Poster V&VN oncologiedagen 2025

Meer inzicht in symptomen en kwaliteit van leven bij uitgezaaide borstkanker: wat kan een symptoom monitoring app betekenen?
Folkert et al
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