Publicaties betreffende BOOG studies

d.d. maart 2021

Inhoud

BOOG 2001-01 / TEAM 3
BOOG 2001-02 / AMAROS 12
BOOG 2002-02 / HERTAX 14
BOOG 2002-04 / HERA 14
BOOG 2003-02 / CALOR 16
BOOG 2003-04 / BCP 18
BOOG 2004-01 / Young Boost (CKTO 2003-13) 18
BOOG 2004-02 / TBP 19
BOOG 2004-04 / MATADOR 20
BOOG 2005-03 / MINDACT 21
BOOG 2006-01 / DATA 24
BOOG 2006-02 / OMEGA 24
BOOG 2006-03 / SUPREMO 25
BOOG 2006-04 / TEAM-II 26
BOOG 2006-05 / IDEAL 27
BOOG 2006-06 / ATX 28
BOOG 2006-07 / MIRROR 29
BOOG 2007-01 / ALLTO 30
BOOG 2007-02 / INTENS 32
BOOG 2008- 01 / 2-2-6 G-CSF 33
BOOG 2008-02 / A6181099 (SUTENT) 34
BOOG 2008-03 / HAT 34
BOOG 2009-01 / IRMA 34
BOOG 2009-02 / SNARB 34
BOOG 2009-03 / DCIS 35
BOOG 2009-04 / Male Breast cancer 35
BOOG 2009-05 / BOLERO-2 36
BOOG 2010-01 / NEO-ZOTAC 38
BOOG 2010-02 / STOP & GO 41
BOOG 2010-03 / RAPCHEM 41
BOOG 2010-04 / D-care 41
BOOG 2010-05 / SUBMIT 41
BOOG 2011-02 APHINITY 42
BOOG 2012-01 BALLET 43
BOOG 2012-02 / SafeHer 43
BOOG 2012-03 / TRAIN-2 44
BOOG 2013-02 / PROS MALE BC 44
BOOG 2013-03 / PERNETTA 45
BOOG 2013-04 / DIRECT 45
BOOG 2013-06 / BIOMARKER EVEROLIMUS 45
BOOG 2013-08 / Lumpectomie 46
BOOG 2014-01 / MONALEESA-2 47
BOOG 2014-03 / OLYMPIA 48
BOOG 2014-04 / LORD 48
BOOG 2014-05 / INFLAME 48
BOOG 2015-01 / MONARCH-3 49
BOOG 2015-02 / MONALEESA-3 49
BOOG 2015-03 POSITIVE 49

BOOG 2016-02 / PALLAS 49
BOOG 2017-03 / SONIA 49
BOOG 2017-04 / BYLIEVE 50
BOOG 2018-01 / TRAIN-3 50
BOOG 2020-03 SELECT 50
Patientenparticipatie 50

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BOOG 2002-02 / HERTAX

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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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Chemotherapy (CT) for Isolated Locoregional Recurrence (ILRR) of Breast Cancer in ER-Positive (ER+) and ER-Negative (ER-) Cohorts: Final Analysis of the CALOR Trial
International Breast Cancer Study Group, Breast International Group, NRG Oncology (NSABP Legacy)
Irene Wapnir, Karen N. Price, Stewart J. Anderson, Andre Robidoux, Miguel Martín, J. W. R. Nortier, Alexander H. G. Paterson, Mothaffar F. Rimawi,
István Láng, José Manuel Baena Cañada, Beat J. K. Thürlimann, Eleftherios P. Mamounas, Charles E. Geyer Jr., Shari Gelber, Alan S. Coates,
Richard D. Gelber, Priya Rastogi, Meredith M. Regan, Norman Wolmark, Stefan Aebi

Poor Prognosis After Second Locoregional Recurrences in the CALOR Trial
Irene L. Wapnir, MD1, Shari Gelber, MS2, Stewart J. Anderson, PhD3, Eleftherios P. Mamounas, MD4, Andre´ Robidoux, MD5, Miguel Martı´n, MD6, Johan W. R. Nortier, MD7, Charles E. Geyer Jr, MD8, Alexander H. G. Paterson, MD9, Istva´n La´ng, MD10, Karen N. Price, BS2, Alan S. Coates, MD11, Richard D. Gelber, PhD12, Priya Rastogi, MD13, Meredith M. Regan, ScD14, Norman Wolmark, MD15, Stefan Aebi, MD16, and On behalf of CALOR trial investigators.
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Chemotherapy for isolated locoregional recurrence of breast cancer (CALOR): a randomised trial
Dr Stefan Aebi, Shari Gelber , Stewart J Anderson, István Láng , André Robidoux , Miguel Martín , Johan W R Nortier , Alexander H G Paterson ,, Mothaffar F Rimawi ,, José Manuel Baena Cañada ,, Beat Thürlimann MD c o, Elizabeth Murray MD p, Eleftherios P Mamounas MD q, Charles E Geyer MD r, Karen N Price ,, Alan S Coates , t, Richard D Gelber ,, Priya Rastogi ,, Norman Wolmark ,, Irene L Wapnir
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BOOG 2003-04 / BCP

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Outcome without adjuvant systemic treatment in breast cancer patients included in the MINDACT trial
JMN Lopes Cardozo et al, *SABCS 2020 PS11-01*

Clinical Utility of MammaPrint testing in Invasive Lobular Carcinoma: Results from the MINDACT phase III trial.
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EBCC-12 ORAL-007, plenary session

Updated results of the MINDACT trial: 70-gene signature to guide de-escalation of chemotherapy in early breast cancer.
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EBCC-12, ORAL-021, proffered papers session

Screen-detected breast cancers have different tumour biology and better prognosis compared to interval breast cancers.
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Pathological assessment of discordant cases for molecular (BluePrint and MammaPrint) vs clinical subtypes for breast cancer, among 6,694 patients from the EORTC 10041/BIG 3-04 (MINDACT) trial
Giuseppe Viale[1], Leen Slaets[2], Femke A de Snoo[3], Jan Bogaerts[2], Laura J van 't Veer[4], Emiel J Rutgers[5], Martine J Piccart-Gebhart[6], Jeroen van den Akker[3], Lisette Stork-Sloots[3], Leila Russo[1], Patrizia Dell'Orto[1], Fatima Cardoso[7]
SABCS 2014 publication number: P4-11-08

Are all small tumors low risk? Characterization of small invasive node negative breast cancers (BC) enrolled in the EORTC 10041/BIG 3-04 (MINDACT) trial
Konstantinos Tryfonidis[1], Leen Slaets[2], Giuseppe Viale[3], Femke Snoo[4], Laura Van't Veer[5], Emiel Rutgers[6], Martine Piccart[7], Jan Bogaerts[2] and Fatima Cardoso[8].
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BOOG 2006-01 / DATA

No impact of osteoporosis or bisphosphonate use for osteoporosis on breast cancer outcome: A sub-study of the DATA trial
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BOOG 2006-02 / OMEGA

A randomized phase III study comparing pegylated liposomal doxorubicin with capecitabine as first-line chemotherapy in elderly patients with metastatic breast cancer: results of the OMEGA study of the Dutch Breast Cancer Research Group BOOG
C. H. Smorenburg; S. M. de Groot; A. E. van Leeuwen-Stok; M. E. Hamaker; A. N. Wymenga; H. de Graaf; F. E. de Jongh; J. J. Braun; M. Los; E. Maartense; H. van Tinteren; J. W. R. Nortier; C. Seynaeve
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Baseline comprehensive geriatric assessment is associated with toxicity and survival in elderly metastatic breast cancer patients receiving single-agent chemotherapy: Results from the OMEGA study of the Dutch Breast Cancer Trialists' Group
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ASCO 2012 accepted as poster presentation

Toxicities and feasibility associated with PEG doxo versus Capecitabine (Cape) as first line chemotherapy in elderly metastatic breast cancer patients (OMEGA trial)
C. Seynaeve, H. van Tinteren, ANM Wymenga, JWR Nortier, E. Maartense, FE de Jongh, H. de Graaf, SM de Groot, JJ Braun, CH Smorenburg
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Reasons for low accrual of elderly patients with metastatic breast cancer in the OMEGA study of the Dutch Breast cancer Trialists' Group (BOOG).
ME Hamaker, C Seynaeve, ANM Wymenga, JWR Nortier, E Maartense, FE de Jongh, H de Graaf, JJ Braun, SM de Groot, AE van Leeuwen-Stok, CH Smorenburg
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BOOG 2006-05 / IDEAL

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Searching for the IDEAL Duration of Adjuvant Endocrine Therapy
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Plasma biomarker analysis in patients with HER2-negative locally recurrent or metastatic breast cancer (LR/MBC) treated with first-line bevacizumab (A) and paclitaxel (T) without or with capecitabine (X)
Siu W Lam[1], Nienke M Nota[1], Steffen M de Groot[2], Agnes Jager[3], Monique MEM Bos[4], Sabine C Linn[5], Joan van den Bosch[6], Hans J Braun[7], Ankie MT van der Velden[8], Maartje Los[9], Johanneke EA Portielje[10], Judith R Kroep[11], Aafke H Honkoop[12], Carolien H Smorenburg[13], Bea Tanis[14], Johanna MGH van Riel[15], Jetske M Meerum Terwogt[16], Marien O den Boer[17], Joep Douma[18], Frank Jeurissen[19], Johan Berends[20], Harm van Tinteren[5] and Epie Boven[1].
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S.W. Lam, S.M. de Groot, A.H. Honkoop, N.M. Nota, A. Jager, A.W.T van der Velden, M.M.E.M. Bos, S.C. Linn, J. van den Bosch, J.R. Kroep, J.J. Braun, R.R. de Haas, C.H. Smorenburg, H. de Graaf, J.E.A. Portielje, M. Los, D.D. Gooyer, H. van Tinteren and E. Boven.
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Ann Surg, in press

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.
Breast Cancer Res Treat, in press

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BOOG 2007-01 / ALLTO

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.
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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
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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
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Are we assuming too much with our statistical assumptions? Lessons learned from the ALTTO Trial
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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
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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
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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
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A Moreno-Aspitia, E McCormick Holmes, C Jackisch, E De Azambuja, F. M. Boyle, D W. Hillman,
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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 Liu[1], Brigitte Rack[2], Amylou C Dueck[4], David W Hillman[1], Michael B Campion[1], Monica M Reinholz[3], Kevin C Halling[1], Christos Sotiriou[5], Françoise Rothé[5], Marion Maetens[5], Ghizlane Rouas[5], Wolfgang Janni[6], Antonio C Wolff[7], Lyndsay N Harris[8], Julie R Gralow[9], Kathleen I Pritchard[10], Susan Ellard[12], Nguyet A Le-Lindqwister[13], Frances Boyle[14], Evandro De Azambuja[5], Martine J Piccart-Gebhart[5], Michail Ignatiadis[5] and Edith A Perez[11].
SABCS 2014, publication number: P4-01-01

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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)*

<u>BOOG 2007-02 / INTENS</u>

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BOOG 2008-02 / A6181099 (SUTENT)

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Jan C Drooger[1], Harm van Tinteren[2], Steffen M de Groot[3], Albert J ten Tije[4], Hiltje de Graaf[5], Johanneke EA Portielje[6], Agnes Jager[1], Aafke H Honkoop[7], Sabine C Linn[2], Judith R Kroep[8], Frans LG Erdkamp[9], Paul Hamberg[10], Joan B Heijns[4], A Elise van Leeuwen-Stok[11] and Stefan Sleijfer[1].
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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: 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

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
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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
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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

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
SABCS 2020 presentation (GS2-04)– Manuscription in preparation

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
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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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BOOG 2009-04 / Male Breast cancer

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High hepatocyte growth factor expression in primary tumor predicts better overall survival in male breast cancer
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Clinical and biological characterization of Male Breast Cancer: an international retrospective EORTC, BIG and NABCG intergroup study.

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Male breast cancer in the Netherlands: uptake and outcome of BRCA testing
Results of study the Dutch Breast Cancer Research Group (BOOG 2009-04) in collaboration with the EORTC 10085 study.
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BOOG 2010-01 / NEO-ZOTAC

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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Op het SABCS had Stefanie de Groot een poster:
Insulin-like growth factor 1 receptor expression and polymorphism are associated with response to neoadjuvant chemotherapy in breast cancer patients: Results from the NEOZOTAC trial (BOOG 2010-01). de Groot S et al. *SABCS 2016, publication number P3-07-54.*

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 Groot[1], A Charehbili[1], L GM Janssen[1], E M Dijkgraaf[1], V THBM Smit[1], L W Kessels[2], A van Bochove[3], H WM van Laarhoven[4], E Meershoek-Klein Kranenbarg[1], A E van Leeuwen-Stok[5], G J Liefers[1], C JH van de Velde[1], J WR Nortier[1], J JM van der Hoeven[1], H Pijl[1] and J R Kroep[1].
SABCS 2014, publication number: P3-06-50

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-Heijnen[1], Birgitte E Vriens[1], Maureen J Aarts[1], Judith R Kroep[2], Cock J van de Velde[2], Gerrit-Jan Liefers[2], Ayoub
Charehbili[2], Petronella G Peer[3] and Maaike de Boer[1].
Abstract SABCS, publication number P2-01-03

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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, van Leeuwen-Stok AE, van de Velde CJH, Nortier JWR, Kroep JR
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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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Een nieuwe rol voor bisfosfonaten in de behandeling van het mammacarcinoom; het anti-tumoreffect?
Van de Ven S, Kroep JR, Hamdy NAT, Sleeboom AP, Nortier JWR:
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Improved Circulating Tumor Cell Detection by a Combined EpCAM and MCAM CellSearch Enrichment Approach in Patients with Breast Cancer Undergoing Neoadjuvant Chemotherapy.
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BOOG 2010-02 / STOP & GO

Secondary analyses of the randomized phase III Stop&Go study: efficacy of second-line intermittent versus continuous chemotherapy in HER2-negative advanced breast cancer.
AKM Claessens,F LG Erdkamp, M Lopez-Yurda, JM Bouma, JM Rademaker-Lakhai, AH Honkoop, H de Graaf, V.C.G. Tjan-Heijnen, and M.E.M.M. Bos.
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The role of chemotherapy in treatment of advanced breast cancer: an overview for clinical practice.
Claessens AKM, Ibragimova KIE, Geurts SME, Bos MEMM, Erdkamp FLG, Tjan-Heijnen VCG.
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Intermittent versus continuous first-line treatment for HER2-negative metastatic breast cancer: the Stop & Go study of the Dutch Breast Cancer Research Group (BOOG).
Claessens AKM, Bos MEMM, Lopez-Yurda M, Bouma JM, Rademaker-Lakhai JM, Honkoop AH, de Graaf H, van Druten E, van Warmerdam LJC, van der Sangen MJC, Tjan-Heijnen VCG, Erdkamp FLG Dutch Breast Cancer Research Group (BOOG).
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BOOG 2010-03 / RAPCHEM
Radiotherapy after primary CHEMotherapy (RAPCHEM): Practice variation in a Dutch registration study (BOOG 2010-03)
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
Radiother Oncol. 2020 Apr;145:201-208; DOI: 10.1016/j.radonc.2020.01.018

Radiotherapy After Primary CHEMotherapy (RAPCHEM): a prospective registration study
L. Boersma, P. Elkhuizen, R. Houben, E. van Leeuwen, S. Linn, L. de Munck, R. Pijnappel, L. Strobbe, T. van Dalen, J. Verloop, A. Voogd, J. Wesseling, P. Poortmans.
Abstract EBCC 2016

BOOG 2010-04 / D-care
De primaire analyse is op ASCO 2018 gepresenteerd
Coleman R, et al. Presented at: American Society of Clinical Oncology; June 1-5, 2018; Chicago, IL. USA.

BOOG 2010-05 / SUBMIT

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)
BMC Surgery 2012, 12:5 doi:10.1186/1471-2482-12-5

The role of surgery in metastatic breast cancer
47 Suppl 3:S6-22. doi: 10.1016/S0959-8049(11)70142-3.

Ruiterkamp J, Ernst MF.
Eur J Cancer. 2011 Sep

Presence of symptoms and timing of surgery do not affect the prognosis of patients with primary metastatic breast cancer.
Ruiterkamp J, Voogd AC, Bosscha K, Roukema JA, Nieuwenhuijzen GA, Tjan-Heijnen VC, Ernst MF.
Eur J Surg Oncol. 2011 Oct;37(10):883-9. doi: 10.1016/j.ejso.2011.07.004. Epub 2011 Aug 16.

Improved survival of patients with primary distant metastatic breast cancer in the period of 1995-2008. A nation wide population-based study in The Netherlands.
Ruiterkamp J, Ernst MF, de Munck L, van der Heiden-van der Loo M, Bastiaannet E, van de Poll-Franse LV, Bosscha K, Tjan-Heijnen VC, Voogd AC.
Breast Cancer Res Treat. 2011 Jul;128(2):495-503. doi: 10.1007/s10549-011-1349-x. Epub 2011 Jan 15.

Impact of breast surgery on survival in patients with distant metastases at initial presentation: a systematic review of the literature.
Ruiterkamp J, Voogd AC, Bosscha K, Tjan-Heijnen VC, Ernst MF.
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BOOG 2011-02 APHINITY

Adjuvant Pertuzumab and Trastuzumab in Early HER2-Positive Breast Cancer in the APHINITY Trial: 6 Years' Follow-Up
Martine Piccart et al for the APHINITY Steering Committee and Investigators
J Clin Oncol, 4 Feb 2021 ; https://doi.org/10.1200/JCO.20.01204

BluePrint performance in predicting pertuzumab benefit in genomically HER2-positive patients: A biomarker analysis of the APHINITY trial
Ian Krop et al, *SABCS 2020 PD3-01*

6-year absolute invasive disease-free survival (IDFS) benefit of adding adjuvant pertuzumab to trastuzumab and chemotherapy for patients with early HER2-positive breast cancer: A STEPP analysis of the APHINITY (BIG 4-11) trial
Richard D. Gelber et al, *SABCS 2020 PS10-01*

Timelines to initiate an adjuvant phase III trial across the globe: A sub-analysis of the APHINITY trial
Maria Alice Franzoi et al, *SABCS 2020 PS7-21*

Adding pertuzumab to adjuvant therapy for high-risk HER2-positive early breast cancer in APHINITY: a GRADE analysis
Zambelli A, Pappagallo G, Marchetti P.
J Comp Eff Res. 2020 Feb 14. doi: 10.2217/cer-2019-0168.

Pharmacokinetic and exploratory exposure-response analysis of pertuzumab in patients with operable HER2-positive early breast cancer in the APHINITY study
Kirschbrown WP, Kågedal M1, Wang B1, Lindbom L2, Knott A3, Mack R3, Monemi S1, Nijem I1, Girish S1, Freeman C4, Fumagalli D5, McConnell R6, Jerusalem G7, Twelves C8, Baselga J9, von Minckwitz G10, Bines J11, Garg A12.
Cancer Chemother Pharmacol. 2019 Apr 11. doi: 10.1007/s00280-019-03826-1

Pharmacokinetics of pertuzumab administered concurrently with trastuzumab in Chinese patients with HER2-positive early breast cancer

Luo Y, Li W, Jiang Z, Zhang Q, Wang L, Mao Y, Tjan-Heijnen VCG, Im SA, McConnell R, Bejarano S, Fumagalli D, Bines J, Wang B, Garg A, Kirschbrown WP, Xu B
Anticancer Drugs. 2019 Sep;30(8):866-872. doi: 10.1097/CAD.0000000000000808

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
Clin Breast Cancer. 2019 Sep 5 doi: 10.1016/j.clbc.2019.06.016.

Adjuvant, Pertuzumab and Trastuzumab in Early HER2-Positive Breast Cancer.
von Minckwitz G, Procter M, de Azambuja E, Zardavas D, Benyunes M, Viale G, Suter T, Arahmani A, Rouchet N, Clark E, Knott A, Lang I, Levy C, Yardley DA, Bines J, Gelber RD, Piccart M, Baselga J;
N Engl J Med. 2017 Jul 13;377(2):122-131

Presentatie van de eerste analyse van de APHINITY studie heeft op de ASCO 2017 plaatsgevonden
J Clin Oncol 35, 2017 (suppl; abstr LBA500)

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

Everolimus in combination with exemestane in hormone receptor-positive locally advanced or metastatic breast cancer (BC) patients progressing on prior non-steroidal AI (NSAIs): Ballet study (CRAD001YIC04)
Guy Jerusalem[1], Gabriella Mariani[2], Eva M Ciruelos[3], Miguel Martin[4], Vivianne CG Tjan-Heijnen[5], Patrick Neven[6], Joaquin Gavila Gregori[7], Andrea Michelotti[8], Filippo Montemurro[9], Istvan Lang[10], Josef Mardiak[11], Bjoem Naume[12], Maura Camozzi[13], Katia Lorizzo[13], Dariusz Brenski[13] and Pierfranco Conte[14]. [1]CHU Sart Tilman Liege and Liege University, Liege, Belgium; [2]Fondazione IRCCS Instituto Nazionale dei Tumori, Milan, Italy; [3]University Hospital 12 de Octubre, Madrid, Spain; [4]Hospital General Universitario Gregorio Marañón, Madrid, Spain; [5]Maastricht University Medical Centre, Maastricht, Netherlands; [6]KU Leuven and University Hospital Leuven, Leuven, Belgium; [7]Fundacion Instituto Valenciano de Oncologia, Valencia, Spain; [8]Azienda Ospedaliera Universitaria Pisana, Santa Chiara Hospital, Pisa, Pisa, Italy; [9]Fondazione del Piemonte per l'Oncologia, Institute of Candiolo Cancer Center (IRCCs), Candiolo (Torino), Italy; [10]National Institute of Oncology, Budapest, Hungary; [11]National Cancer Institute, Bratislava, Slovakia (Slovak Republic); [12]Oslo University Hospital and Norwa and K.G. Jebsen Center for Breast Cancer Research, Institute for Clinical Medicine, University of Oslo, Oslo, Norway; [13]Novartis Farma S.p.A., Origgio/VA, Italy and [14]Istituto Oncologico Veneto IRCCS and Università di Padova, Padova, Italy.
SABCS 2014, publication number: P5-19-02

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.
EJC 82(2017)237-246

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

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 2013-02 / PROS MALE BC

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.

Poster presentatie in San Antonio van het internationale male BC consortium (met John Bartlett als PI) over de prognostische waarde van bestaande gen expressie signatures in male BC.

BOOG 2013-03 / PERNETTA

Huober J, et al. Presented at: European Society for Medical Oncology (ESMO) Congress, Munich, Germany, October 19-23, 2018.

BOOG 2013-04 / DIRECT

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
Rieneke T. Lugtenberg1 · Stefanie de Groot1 · Ad A. Kaptein2 · Maarten J. Fischer2 · Elma Meershoek-Klein Kranenbarg3 · Marjolijn Duijm-de Carpentier3 · Danielle Cohen4 · Hiltje de Graaf5 · Joan B. Heijns6 · Johanneke E. A. Portielje1,7 · Agnes J. van de Wouw8 · Alex L. T. Imholz9 · Lonneke W. Kessels9 · Suzan Vrijaldenhoven10 · Arnold Baars11 · Marta Fiocco12 · Jacobus J. M. van der Hoeven1 · Hans Gelderblom1 · Valter D. Longo13,14 · Hanno Pijl15 · Judith R. Kroep1 · on behalf of the Dutch Breast Cancer Research Group (BOOG)16
Breast Cancer Research and Treatment https://doi.org/10.1007/s10549-020-05991-x
3 August 2020 / Accepted: 20 October 2020

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, et al. *Nature Communications.* 2020 Jun, volume 11, 3083

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)

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.

BOOG 2013-06 / BIOMARKER EVEROLIMUS

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 Kruger[1], Karin Beelen[2], Connie R Jimenez[1], Maurice PHM Jansen[3], Stefan Sleijfer[3], Sabine C Linn[2] and Epie Boven[1]..
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

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.
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BOOG 2014-03 / OLYMPIA

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BOOG 2014-04 / LORD
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,⇑
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BOOG 2014-05 / INFLAME
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BOOG 2015-03 POSITIVE
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BOOG 2016-02 / PALLAS
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
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BOOG 2017-03 / SONIA

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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)
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BOOG 2017-04 / BYLIEVE

Alpelisib + letrozole in patients with PIK3CA-mutated, hormone-receptor positive (HR+), human epidermal growth factor receptor-2-negative (HER2-) advanced breast cancer (ABC) previously treated with a cyclin-dependent kinase 4/6 inhibitor (CDK4/6i) + fulvestrant: BYLieve study results
Rugo HS, et al *SABCS 2020 Poster PD2-07*

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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
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Patientenparticipatie

Patients' perceptions on breast cancer clinical trials
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