

EBCTCG collaborators, listed alphabetically by institution and then alphabetically by name

AARTM 048/13/2000 Multicentre Study Group, Spain—J A Alberro, B Ballester, P Deulofeu, R Fábregas, M Fraile, J M Gubern, J Janer, A Moral, J L de Pablo, G Peñalva, P Puig, M Ramos, R Rojo, P Santesteban, C Serra, M Solà, L Solarnau, J Solsona, E Veloso, S Vidal.

ACETBC, Tokyo, Japan—O Abe, R Abe, K Enomoto, K Kikuchi, H Koyama, H Masuda, Y Nomura, Y Ohashi, K Sakai, K Sugimachi, M Toi, T Tominaga, J Uchino, M Yoshida.

Addenbrooke's Hospital, Cambridge, UK—C E Coles, J L Haybittle.

AGO Breast Study Group (AGO-B), Germany—V Möbus.

Anglo-Celtic Cooperative Oncology Group, UK—J Crown, C F Leonard, J Mansi.

ARCOSEIN Group, France—G Calais, P Garaud.

ATLAS Trial Collaborative Study Group, Oxford, UK—J Braybrooke, C Davies, R Gray, H C Pan, R Peto, J Sayer.

Auckland Breast Cancer Study Group, New Zealand—V J Harvey, I M Holdaway, R G Kay, B H Mason.

Australian New Zealand Breast Cancer Trials Group, Sydney, Australia—J F Forbes, P A Francis, N Wilcken.

Austrian Breast Cancer Study Group, Vienna, Austria—M Balic, R Bartsch, C Fesl, F Fitzal, H Fohler, M Gnant, R Greil, R Jakesz, C Marth, B Mlineritsch, G Pfeiler, C F Singer, G G Steger, H Stöger.

Beatson Oncology Centre, Glasgow, UK—P Canney, H M A Yosef.

Belgian Adjuvant Breast Cancer Project, Liège, Belgium—C Focan.

Berlin-Buch Akademie der Wissenschaften, Germany—U Peek.

Birmingham General Hospital, UK—G D Oates, J Powell.

Bordeaux Institut Bergonié, France—M Durand, L Mauriac.

Bordet Institute, Brussels, Belgium—J Crown, A Di Leo, S Dolci, D Larsimont, J M Nogaret, C Philippson, M J Piccart.

Bradford Royal Infirmary, UK—M B Masood, D Parker, J J Price.

Breast Cancer International Research Group (BCIRG)—M A Lindsay, J Mackey, M Martin.

Breast Cancer Study Group of the Comprehensive Cancer Centre, Limburg, Netherlands—P S G J Hupperets.

British Association of Surgical Oncology BASO II Trialists, London, UK—T Bates, R W Blamey, U Chetty, I O Ellis, E Mallon, D A L Morgan, J Patnick, S Pinder.

British Columbia Cancer Agency, Vancouver, Canada—C Lohrisch, A Nichol.

Canadian Cancer Trials Group, Kingston, Ontario, Canada—J M S Bartlett, V H Bramwell, B E Chen, S K L Chia, K Gelmon, P E Goss, M N Levine, W Parulekar, J L Pater, K I Pritchard, E Rakovitch, L E Shepherd, D Tu, T Whelan.

Cancer and Leukemia Group B, Washington DC, USA—D Berry, G Broadwater, C Cirrincione, H Muss, L Norton, R B Weiss.

Cancer Care Ontario, Canada—H T Abu-Zahra.

Cancer Research Centre of the Russian Academy of Medical Sciences, Moscow, Russia—A Karpov, S M Portnoj.

Cancer Research UK Clinical Trials Unit (CRCTU), NCRI, Birmingham, UK—S Bowden, I Fernando, M Lee, C Poole, D Rea, D Spooner.

Cardiff Trialists Group, UK—P J Barrett-Lee, R E Mansel, I J Monypenny.

Case Western Reserve University, Cleveland, OH, USA—N H Gordon.

Central Oncology Group, Milwaukee, WI, USA—H L Davis.

Centre for Cancer Prevention, Wolfson Institute of Preventive Medicine, Queen Mary, University of London, UK—J Cuzick, I Sestak.

Centre Léon-Bérard, Lyon, France—Y Lehingue, P Romestaing.

Centre Paul Lamarque, Montpellier, France—J B Dubois.

Centre Regional François Baclesse, Caen, France—T Delozier, B Griffon, J Mace Lescé'h.

Centro Oncologico, Trieste, Italy—G Mustacchi.

Charles University in Prague, First Faculty of Medicine, Department of Oncology of the First Faculty of Medicine and General Teaching Hospital, Czech Republic—L Petruzalka, O Pribylova.

Cheltenham General Hospital, UK—J R Owen.

Chemo NO Trial Group, Germany—N Harbeck, F Jänicke, C Meisner, M Schmitt, C Thomssen.

Chicago University, IL, USA—P Meier.

Chinese Academy of Medical Sciences, Beijing, People's Republic of China (in collaboration with the Oxford MRC PHRU)—Y Shan, Y F Shao, X Wang, B Xu, D B Zhao (MRC PHRU: Z M Chen, H C Pan).

Christie Hospital and Holt Radium Institute, Manchester, UK—A Howell, R Swindell.

Coimbra Instituto de Oncologia, Portugal—J Albano, C F de Oliveira, H Gervásio, J Gordilho.

Copenhagen Breast Cancer Trials, Copenhagen, Denmark—B Ejlersen, M-B Jensen, H Mouridsen.

Dana-Farber Cancer Institute, Boston, MA, USA—R S Gelman, J R Harris, C Henderson, C L Shapiro, E Winer.

Danish Breast Cancer Cooperative Group, Copenhagen, Denmark—P Christiansen, B Ejlersen, M Ewertz, M-B Jensen, H T Mouridsen.

Düsseldorf University, Germany—T Fehm, H J Trampisch.

Dutch Breast Cancer Trialists' Group (BOOG)—S Linn, P Peer, V Tjan-Heijnen, S Vlieg.

Dutch Working Party for Autologous Bone Marrow Transplant in Solid Tumours, Amsterdam & Groningen, Netherlands—O Dalesio, E G E de Vries, S Rodenhuis, H van Tinteren.

Eastern Cooperative Oncology Group, Boston, MA, USA—R L Comis, N E Davidson, R Gray, N Robert, G Sledge, L J Solin, J A Sparano, D C Tormey, W Wood.

Edinburgh Breast Unit, UK—D Cameron, U Chetty, J M Dixon, P Forrest, W Jack, I Kunkler.

Elim Hospital, Hamburg, Germany—J Rossbach.

Erasmus MC/Daniel den Hoed Cancer Center, Rotterdam, Netherlands—J G M Klijn, A D Treurniet-Donker, W L J van Putten.

European Institute of Oncology, Milan, Italy—N Rotmensz, U Veronesi, G Viale.

European Organization for Research and Treatment of Cancer, Brussels, Belgium—H Bartelink, N Bijker, J Bogaerts, F Cardoso, T Cufer, J P Julien, P M Poortmans, E Rutgers, C J H van de Velde.

Evanston Hospital, IL, USA—M P Cunningham.

Finnish Breast Cancer Group, Finland—R Huovinen, H Joensuu.

Fondazione Maugeri Pavia, Italy—A Costa.

Fondazione Michelangelo, Milan, Italy—G Bonadonna, L Gianni, P Valagussa.

Fox Chase Cancer Center, Philadelphia, PA, USA—L J Goldstein.

French Adjuvant Study Group (GFEA), Guyancourt, France—J Bonnetterre, P Fargeot, P Fumoleau, P Kerbrat, E Luporsi, M Namer.

GEICAM, Spanish Breast Cancer Group, Spain—E Carrasco, M Martin, M A Segui.

German Adjuvant Breast Group (GABG), Frankfurt, Germany—W Eiermann, J Hilfrich, W Jonat, M Kaufmann, R Kreienberg, M Schumacher.

German Breast Cancer Study Group (BMFT), Freiburg, Germany—G Bastert, H Rauschecker, R Sauer, W Sauerbrei, A Schauer, M Schumacher.

German Breast Group (GBG), Neu-Isenburg, Germany—J U Blohmer, S D Costa, H Eidtmann, B Gerber, C Jackisch, S Loibl, V Nekljudova, G von Minckwitz.

Ghent University Hospital, Belgium—A de Schryver, L Vakaet.

GIVIO Interdisciplinary Group for Cancer Care Evaluation, Chieti, Italy—M Belfiglio, A Nicolucci, F Pellegrini, M C Pirozzoli, M Sacco, M Valentini.

Glasgow Victoria Infirmary, UK—C S McArdle, D C Smith, S Stallard.

Groote Schuur Hospital, Cape Town, South Africa—D M Dent, C A Gudgeon, A Hacking, E Murray, E Panieri, ID Werner.

Gruppo Interdisciplinare Veneto di Oncologia Mammaria (GIVOM), Italy—G L De Salvo, P Del Bianco, G Zavagno.

Grupo Oncológico Cooperativo del Sur (GOCS), Argentina—B Leone, C T Vallejo, A Zwenger.

Gruppo Oncologico Clinico Cooperativo del Nord Est, Aviano, Italy—E Galligioni.

Gruppo Oncologico Dell'Italia Meridionale (GOIM), Rome, Italy—M Lopez.
Guadalajara Hospital de 20 Noviembre, Mexico—A Erazo, J Y Medina.
Gunma University, Japan—J Horiguchi, H Takei.
Guy's Hospital, London, UK—I S Fentiman, J L Hayward, R D Rubens, D Skilton.
Heidelberg University I, Germany—H Scheurlen.
Heidelberg University II, Germany—M Kaufmann, H C Sohn.
Helios Klinikum Berlin-Buch, Germany—M Untch.
Hellenic Breast Surgeons Society, Greece—U Dafni, C Markopoulos.
Hellenic Cooperative Oncology Group, Athens, Greece—C Bamia, G Fountzilas, G-A Koliou.
Hellenic Oncology Research Group, Greece—D Mavroudis.
Helsinki Deaconess Medical Centre, Finland—P Klefstrom.
Helsinki University, Finland—C Blomqvist, T Saarto.
Hospital del Mar, Barcelona, Spain—M Gallen.
Humanitas Cancer Center, Milan, Italy—G. Canavese, C Tinterri.
Innsbruck University, Austria—R Margreiter.
Institut Claudius Regaud, Toulouse, France—B de Lafontan, J Mihura, H Roché.
Institut Curie, Paris, France—B Asselain, R J Salmon, J R Vilcoq.
Institut Curie - Hôpital René Huguenin, Paris, St Cloud, France—E Brain, B de La Lande, E Mouret-Fourme.
Institut Gustave-Roussy, Paris, France—F André, R Arriagada, S Delaloge, C Hill, S Koscielny, S Michiels, C Rubino.
Institute of Cancer Research Clinical Trials and Statistics Unit (ICR-CTSUs, NCRI), UK—R A'Hern, J Bliss, P Ellis, L Kilburn, J R Yarnold.
Instituto de Investigación Sanitaria Gregorio Marañón, Universidad Complutense, GEICAM, CIBERONC, Madrid, Spain—M Martin.
Integraal Kankercentrum, Amsterdam, Netherlands—J Benraadt, M Kooi, A O van de Velde, J A van Dongen, J B Vermorcken.
International Breast Cancer Study Group (IBCSG), Bern, Switzerland—M Castiglione, A Coates, M Colleoni, J Collins, J Forbes, R D Gelber, A Goldhirsch, J Lindtner, K N Price, M M Regan, C M Rudenstam, H J Senn, B Thuerlimann.
International Collaborative Cancer Group, Charing Cross Hospital, London, UK—J M Bliss, C E D Chilvers, R C Coombes, E Hall, M Marty.
International Drug Development Institute, Louvain-la-Neuve, Belgium—M Buyse.
International TABLE Study Group, Berlin, Germany—K Possinger, P Schmid, M Untch, D Wallwiener.
ISD Cancer Clinical Trials Team (incorporating the former Scottish Cancer Therapy Network), Edinburgh, UK—L Foster, W D George, H J Stewart, P Stroner.
Israel NSABC, Tel Aviv, Israel—R Borovik, H Hayat, M J Inbar, T Peretz, E Robinson.
Istituto Nazionale per lo Studio e la Cura dei Tumori, Milan, Italy—T Camerini, F Formelli, G Martelli, M G Di Mauro, P Valagussa.
Istituto Nazionale Tumori IRCCS Fondazione Pascale, Napoli, Italy—F Perrone.
Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori, Meldola, Italy—D Amadori.
Italian Cooperative Chemo-Radio-Surgical Group, Bologna, Italy—A Martoni, F Pannuti.
Italian Oncology Group for Clinical Research (GOIRC), Parma, Italy—R Camisa, A Musolino, R Passalacqua.
Japan Clinical Oncology Group—Breast Cancer Study Group, Japan—H Iwata, T Shien.
Japanese Foundation for Multidisciplinary Treatment of Cancer, Tokyo, Japan—O Abe, T Ikeda, K Inokuchi, K Kikuchi, K Sawa.
Kawasaki Medical School, Japan—H Sonoo.
Klinikum Bayreuth, Germany—M Sadoon, A H Tulusan.
Kobe Breast Cancer Oncology Group, Japan—N Kohno, M Miyashita, S Takao.
Korean Cancer Study Group (KCSG), Seoul, South Korea—J.-H Ahn, K H Jung.

Krakow Institute of Oncology, Poland—S Korzeniowski, J Skolyszewski.
Kumamoto University Group, Japan—M Ogawa, J Yamashita.
Leiden University Medical Center, Netherlands—E Bastiaannet, G J Liefers, C J H van de Velde.
Leuven Akademisch Ziekenhuis, Gasthuisberg, Belgium—R Christiaens, P Neven, R Paridaens, W Van den Bogaert.
Ludwig-Maximilians University, Munich, Germany—S Braun.
Marseille Laboratoire de Cancérologie Biologique APM, France—P Martin, S Romain.
Medical University Vienna – General Hospital - Department of Obstetrics and Gynaecology and Department of Medicine I, Vienna, Austria—M Janauer, M Seifert, P Sevelde, C C Zielinski.
Memorial Sloan-Kettering Cancer Center, New York, NY, USA—T Hakes, C A Hudis, L Norton, R Wittes.
Metaxas Memorial Cancer Hospital, Athens, Greece—G Giokas, D Kondylis, B Lissaios.
Mexican National Medical Center, Mexico City, Mexico—R de la Huerta, M G Sainz.
MRC Population Health Research Unit (MRC PHRU), Nuffield Department of Population Health (NDPH), Oxford, UK (ie, members of the MRC PHRU-based EBCTCG Secretariat)—C Boddington, R Bradley, J Braybrooke, J A Burrett, M Clarke, D Cutter, C Davies, L Davies, D Dodwell, F Duane, V Evans, L Gettins, J Godwin, R Gray, S James, A Kerr, H Liu, Z Liu, E MacKinnon, G Mannu, P McGale, T McHugh, P Morris, H C Pan, R Peto, S Read, C Taylor, Y Wang, Z Wang.
National Cancer Center, Goyang, South Korea—J Ro.
National Cancer Institute, Bethesda, MD, USA—K Camphausen, D Danforth, A Lichter, M Lippman, D Smart, S Steinberg.
National Cancer Institute of Bari, Italy—C D’Amico, M Lioce, A Paradiso.
National Kyushu Cancer Center, Japan—Y Nomura, S Ohno.
National Surgical Adjuvant Breast and Bowel Project (NSABP), Pittsburgh, PA, USA—S Anderson, H Bandos, A Brown (deceased), J Bryant (deceased), R Cecchini, J Costantino, J Dignam, B Fisher, C Geyer, E P Mamounas, S Paik, C Redmond, S Swain, G Tang, L Wickerham, N Wolmark, G Yothers.
National Surgical Adjuvant Study Group (N-SAS-BC), Japan—T Aihara, Y Hozumi, Y Nomura.
Nolvadex Adjuvant Trial Organisation, London, UK—M Baum, I M Jackson (deceased), M K Palmer.
North Central Cancer Treatment Group, Mayo Clinic, Rochester, MN, USA—E Perez, J N Ingle, V J Suman.
North Sweden Breast Cancer Group, Umeå, Sweden—A Andresson, N O Bengtsson, H Jonsson, M Sund.
North-West Oncology Group (GONO), Italy—L Del Mastro, M Venturini.
North-Western British Surgeons, Manchester, UK—J P Lythgoe, R Swindell.
Northwick Park Hospital, London, UK—M Kissin.
Norwegian Breast Cancer Group, Oslo, Norway—B Erikstein, E Hannisdal, A B Jacobsen, K V Reinertsen, J E Varhaug.
Norwegian Radium Hospital, Oslo, Norway—B Erikstein, S Gundersen, M Hauer-Jensen, H Høst, A B Jacobsen, R Nissen-Meyer.
Nottingham City Hospital, UK—R W Blamey, A K Mitchell, D A L Morgan, J F R Robertson.
Oita Prefectural Hospital, Japan—H Ueo.
Oncofrance, Paris, France—M Di Palma, G Mathé (deceased), J L Misset.
Ontario Clinical Oncology Group, Hamilton, Canada—M Levine, K I Pritchard, T Whelan.
Osaka City University, Japan—K Morimoto.
Osaka National Hospital, Japan—K Sawa, Y Takatsuka.
Ospedale Policlinico San Martino, Genova, Italy—D Bedognetti, C Bighin, P Bruzzi, L Del Mastro, B Dozin, S Pastorino, P Pronzato, M R Sertoli.
Oxford University Hospitals NHS Foundation Trust, Churchill Hospital, Oxford, UK—E Crossley, A Harris, D Talbot, M Taylor.
Parma Hospital, Italy—G Cocconi, B di Blasio.
Petrov Research Institute of Oncology, St Petersburg, Russia—V Ivanov, R Paltuev, V Semiglazov.

Piedmont Oncology Association, Winston-Salem, NC, USA—J Brockschmidt, M R Cooper.
Pretoria University, South Africa—C I Falkson.
ProBONE study group, Marburg, Germany—P Hadji.
Royal Marsden NHS Trust, London and Sutton, UK—R A'Hern, M Dowsett, A Makris, M Parton, K Pennert, T J Powles, I E Smith, J R Yarnold.
SABRE trial group (international)—G Clack, C Van Poznak.
St George Hospital, Sydney, Australia—L Browne, P Graham.
St George's Hospital, London, UK—J C Gazet.
St Luke's Hospital, Dublin, Ireland—N Corcoran.
Sardinia Oncology Hospital A Businico, Cagliari, Sardinia—N Deshpande, L di Martino.
Samuel Oschin Comprehensive Cancer Center, Los Angeles, USA—A E Giuliano.
SASIB International Trialists, Cape Town, South Africa—P Douglas, A Hacking, H Høst, A Lindtner, G Notter.
Saskatchewan Cancer Foundation, Regina, Canada—A J S Bryant, G H Ewing, L A Firth, J L Krushen-Kosloski.
Scandinavian Adjuvant Chemotherapy Study Group, Oslo, Norway—R Nissen-Meyer.
South Sweden Breast Cancer Group, Lund, Sweden—H Anderson, F Killander, P Malmström, L Rydén.
South-East Sweden Breast Cancer Group, Linköping, Sweden—L-G Arnesson, J Carstensen, M Dufmats, H Fohlin, B Nordenskjöld, M Söderberg, M Sundqvist.
South-Eastern Cancer Study Group and Alabama Breast Cancer Project, Birmingham, AL, USA—J T Carpenter.
Southampton Oncology Centre, UK—N Murray, G T Royle, P D Simmonds.
Southwest Oncology Group, San Antonio, TX, USA—K Albain, W Barlow, J Gralow, D Hayes, G Hortobagyi, R Jagsi, S Martino, L Pusztai, P Sharma, A Thompson.
Stockholm Breast Cancer Study Group, Sweden—J Bergh, T Bondesson, F Celebioglu, K Dahlberg, T Fornander, I Fredriksson, J Frisell, E Göransson, M Iiristo, U Johansson, E Lenner, L Löfgren, P Nikolaidis, L Perbeck, S Rotstein, K Sandelin, L Skoog, G Svane, E af Trampe, C Wadström.
SUCCESS-Study Group, University of Düsseldorf, Germany—W Janni.
Swiss Group for Clinical Cancer Research (SAKK), Bern, and OSAKO, St Gallen, Switzerland—M Castiglione, A Goldhirsch, R Maibach, H J Senn, B Thürlimann.
Tamoxifen Exemestrane Adjuvant Multinational (TEAM) trial—J M S Bartlett, E Bastiaannet, P Hadji, Y Hozumi, D Rea, C J H van de Velde.
Tampere University Hospital, Finland—K Holli, K Rouhento.
Tel Aviv Sourasky Medical Center, Sackler School of Medicine, Tel Aviv University, Israel—T Safra.
Tel Aviv University, Israel—H Brenner, A Hercbergs.
Tokyo Cancer Institute Hospital, Japan—M Yoshimoto.
Toronto-Edmonton Breast Cancer Study Group, Canada—A H G Paterson, K I Pritchard.
Toronto Princess Margaret Hospital, Canada—A Fyles, J W Meakin, T Panzarella, K I Pritchard.
Tunis Institut Salah Azaiz, Tunisia—J Bahi.
UCBG, French Breast Cancer Intergroup UNICANCER, France—S Delaloge, J Lemonnier, A L Martin.
UK Multicentre Cancer Chemotherapy Study Group, London, UK—M Reid, M Spittle.
UK/ANZ DCIS Trial—H Bishop, N J Bundred, J Cuzick, I O Ellis, I S Fentiman, J F Forbes, S Forsyth, W D George, S E Pinder, I Sestak.
UK/Asia Collaborative Breast Cancer Group, London, UK—G P Deutsch, R Gray, D L W Kwong, V R Pai, R Peto, F Senanayake.
University and Istituto Nazionale per la Ricerca sul Cancro, Genoa, Italy on behalf of GROCTA trialists—F Boccardo, A Rubagotti.
University College London, UK—M Baum, S Forsyth, A Hackshaw, J Houghton, J Ledermann, K Monson, JS Tobias.
University Federico II, Naples, Italy—C Carlomagno, M De Laurentiis, S De Placido.
University Medical Center Schleswig-Holstein, Campus Kiel, Germany—C Schem.

University of Edinburgh, UK—L Williams.
University of Leeds, UK—R Bell, D Cameron, R E Coleman, D Dodwell, S Hinsley, H C Marshall.
University of Michigan, USA—D Hayes, L J Pierce.
University of Padua, Padova, Italy—S M M Basso, F Lumachi.
University of Saarland, Germany—E Solomayer.
University of Sheffield, UK—R E Coleman, J M Horsman, J Lester, M C Winter.
University of Texas MD Anderson Cancer Center, Houston, TX, USA—A U Buzdar, L Hsu.
University of Wisconsin, USA—R R Love.
Uppsala-Örebro Breast Cancer Study Group, Sweden—J Ahlgren, H Garmo, L Holmberg, G Liljegren, H Lindman, F Wärnberg.
U.S. Oncology, Houston, USA—L Asmar, S E Jones.
Warwick Clinical Trials Unit, University of Warwick, UK—J Dunn, H Earl, L Hiller.
Washington University, St Louis, Missouri, USA—R Aft.
West German Study Group (WSG), Germany—O Gluz, N Harbeck, C Liedtke, U Nitz.
West of Scotland Breast Trial Group, Glasgow, UK—A Litton.
West Sweden Breast Cancer Study Group, Gothenburg, Sweden—A Wallgren, P Karlsson, B K Linderholm.
Western Cancer Study Group, Torrance, CA, USA—R T Chlebowski.
Würzburg University, Germany—H Caffier.
Z-FAST, ZO-FAST & E-ZO-FAST study groups (international)—A M Brufsky, R E Coleman, H A Llombart, on behalf of Novartis Pharmaceuticals.

28 February 2019