

ACCOG

Country: United Kingdom

Group: Anglo-Celtic Cooperative Oncology Group (ACCOG)

Co-Chairs: Professor R. Leonard
Department of Cancer Services and Clinical Haematology
Charing Cross Hospital
3rd Floor, North Wing, Rooms B-C
Fulham Palace Road
LONDON W6 8RF
UNITED KINGDOM
Tel: +44 20 8846 7455
Fax: +44 20 8846 7454

Dr J. Crown
St Vincent's Hospital
Elm Park
DUBLIN 4
IRELAND
Tel: +353 1 269 50 33
Fax: +353 1 269 70 49

Administration Center: Victoria Knox
9 The Avenue
Philipstoun
By Linlithgow
West Lothian
EH49 6RE
UNITED KINGDOM
Tel: +44 1506 834320
Email: victoriaknox@angloceltic.org.uk

Website: www.angloceltic.org.uk

Title: Intensive chemotherapy for high-risk (>4 axillary lymph nodes) breast cancer.

Study Anglo Celtic I

Coordinator(s): Professor R. Leonard
 Department of Cancer Services and Clinical Haematology
 Charing Cross Hospital
 3rd Floor, North Wing, Rooms B-C
 Fulham Palace Road
 LONDON W6 8RF
 UNITED KINGDOM
 Tel: +44 20 8846 7455
 Fax: +44 20 8846 7454

J. Crown
 St Vincent's Hospital
 Elm Park
 DUBLIN 4
 IRELAND
 Tel: +353 1 269 50 33
 Fax: +353 1 269 70 49
 Email: John.Crown@icorg.ie

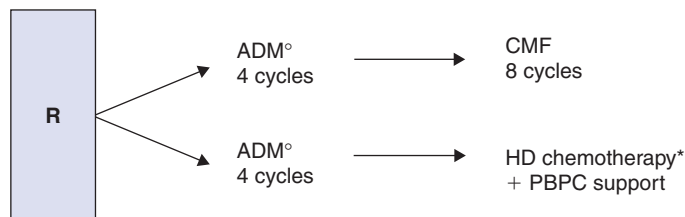
Summary:

- Closed in June 1999 (opened in February 1995)
- Target accrual: 600 patients

Objective:

- To determine the comparative efficacy of a high-dose sequential chemotherapy programme *versus* conventional CMF following doxorubicin induction in patients with high-risk primary breast cancer.

Scheme:



° ADM (doxorubicin) 75 mg/m² every 21 days

* cyclophosphamide 6.0 g/m² + thiotepa 800 mg/m²

Update:

- Study closed in June 1999.
- 605 patients entered.
- Early results were presented by poster at ASCO 2002.

Related Publications:

Conventional adjuvant chemotherapy *versus* single-cycle, autograft-supported, high-dose, late-intensification chemotherapy in high-risk breast cancer patients: a randomized trial. *J Nat Cancer Inst* 2004; 96(14): 1076–1083.

Topics:

- High-dose chemotherapy
- Node positive breast cancer

Keywords:

Breast cancer, high-dose chemotherapy

Title: A randomised comparative trial of Adriamycin and Taxotere versus Adriamycin and Cyclophosphamide as primary therapy for patients with potentially operable disease >3cm diameter, locally advanced or inflammatory breast cancer.

Study Anglo Celtic II

Coordinator(s): J. Mansi
Oncology
St George's Hospital
Blackshaw Road
LONDON SW17 0Q
UNITED KINGDOM
Tel: +44 (0)20 8725 2955
Fax: +44 (0)20 8725 1199

J. Evans
Beatson Oncology Center
Western Infirmary
Dumbarton Road
GLASGOW G11 6NT
UNITED KINGDOM
Tel: +44 (0)141 211 1741
Fax: +44 (0)141 211 1830

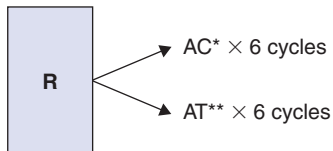
Summary:

- Opened in October 1998
- Target accrual: 350 patients

Objective:

- To compare the efficacy (response rates) and toxicity of Adriamycin and Taxotere *versus* Adriamycin and Cyclophosphamide as primary medical therapy regimens in early breast cancer.

Scheme:



*AC = Adriamycin 60 mg/m² plus
Cyclophosphamide 600 mg/m², i.v. q 3 weeks

**AT = Adriamycin 50 mg/m² plus
Taxotere 75 mg/m², i.v. q 3 weeks

Update:

- Study closed 2001.

- 363 patients entered.
- Early results were presented by poster at ASCO 2002.

Related

Publications:

Evans TR, Yellowlees A, Foster E *et al.* Phase III randomized trial of doxorubicin and docetaxel *versus* doxorubicin and cyclophosphamide as primary medical therapy in women with breast cancer: an anglo-celtic cooperative oncology group study. *J Clin Oncol* 2005; 23(13): 2988–2995.

Topics:

- Taxanes
- Anthracyclines

Keywords:

Primary medical therapy, breast cancer

Title: Prospective randomized comparison of G-CSF (filgrastim) secondary prophylaxis *versus* conservative management of chemotherapy-induced neutropenia to maintain dose intensity in chemotherapy for breast cancer.

Study Anglo Celtic III

Coordinator(s): Professor R. Leonard
 Department of Cancer Services and Clinical Haematology
 Charing Cross Hospital
 3rd Floor, North Wing, Rooms B-C
 Fulham Palace Road
 LONDON W6 8RF
 UNITED KINGDOM
 Tel: +44 20 8846 7455
 Fax: +44 20 8846 7454

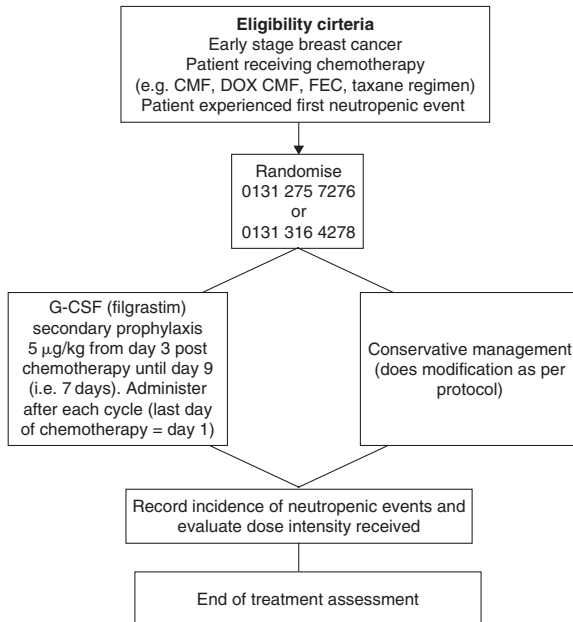
Summary:

- Opened in October 2001
- Target accrual: 400 patients

Objective:

- To compare the effects of G-CSF secondary prophylaxis against standard management after the first neutropenic event in achieving planned dose intensity of chemotherapy for early breast cancer.

Scheme:



- Update:**
 - Recruitment target reduced to 400; 367 patients recruited to date.
- Related Publications:** None available
- Topics:**
 - GCSF secondary prophylaxis
- Keywords:** Early breast cancer, dose intensity

Title: A randomized 2-arm, prospective, multi-centre, open label phase III trial comparing the activity and safety of a weekly *versus* a 3-weekly paclitaxel treatment schedule in patients with advanced or metastatic breast cancer.

Study Anglo Celtic IV
 “Will Weekly Win”, www.taxol-uk.com

Coordinator(s): Dr M. Verrill
 University of Newcastle Department of Oncology
 Newcastle General Hospital
 Westgate Road
 NEWCASTLE-UPON-TYNE, NE4 6BE
 UNITED KINGDOM
 Tel: +44 (0)191 219 4252
 Fax: +44 (0)191 273 4867
 Email: mark.verrill@ncl.ac.uk

Dr D. Cameron
 NCRN Coordinating Centre
 Arthington House
 Cookridge Hospital
 Hospital Lane
 LEEDS LS16 6QB
 UNITED KINGDOM
 Tel: +44 (0)113 3924093
 Fax: +44 (0)113 3924092
 Email: d.cameron@ncrn.org.uk

Summary:

- Opened in September 2002
- Target accrual: 600 patients

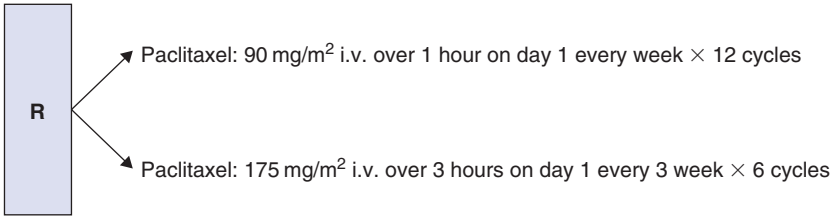
Primary Objectives:

- To compare the antitumour efficacy of weekly *versus* 3-weekly paclitaxel as determined by the time to disease progression.
- To study polymorphisms in the genes responsible for paclitaxel metabolism and link these to response rates and toxicity.

Secondary Objectives:

- To compare the toxicity of weekly *versus* 3-weekly paclitaxel.
- To compare the response rate of weekly *versus* 3-weekly paclitaxel.
- To compare overall survival in patients receiving weekly *versus* 3-weekly paclitaxel.
- To compare quality of life in patients receiving weekly *versus* 3-weekly paclitaxel.

Scheme:



Update:

- 569 patients have been randomized from 55 active centres.
- Early results will be presented at NCR 2006.

Related Publications:

None available

Topics:

- Metastatic breast cancer
- Taxanes

Keywords:

Chemotherapy scheduling

Title: Ovarian protection trial in oestrogen non-responsive premenopausal breast cancer patients receiving adjuvant or neo-adjuvant chemotherapy.
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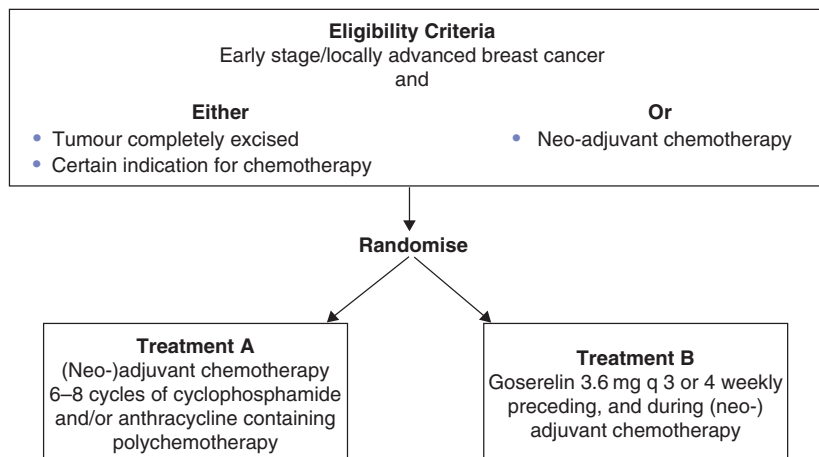
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Summary:

- A study to assess the value of goserelin ovarian suppression in the prevention of chemotherapy-associated menopause in premenopausal women with early or locally advanced breast cancer.

Scheme:

Study Schema



Update:

- Over 70 centres in the UK open for recruitment; 67 patients recruited to date.

Related Publications: None available

Topics:

- Premenopausal patients
- Fertility and chemotherapy

Keywords: Early breast cancer, ovarian protection