

Clinical trials of Taxanes for advanced breast cancer (metastatic) in all type of patients

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1 A CLASSER

Trial	Treatments	Patients	Trials design and methods
vs			
AGO , 1998 n=NA follow-up:	-	-	
EU-1 , 2004 n=NA follow-up:	-	-	
Lyman n=NA follow-up:	-	-	
Nabholtz n=NA follow-up:	-	-	
TRAVIOTA n=NA follow-up:	-	-	
Yardley , 2009 n=NA follow-up:	weekly docetaxel versus liposomal doxorubicin	-	

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Heidemann E, Minckwitz GV, Hollander N, Souchon R, Clemens M, Mahike M, et al. Mitoxantrone plus docetaxel vs single agent mitoxantrone in metastatic breast cancer (MBC): results of a multicenter randomized trial. Proceedings of American Society of Clinical Oncology; 2004. 2004; Vol. 22, No 14S:637. NCT00002544. Mitoxantrone with or without docetaxel in treati

Lyman, 0:

Nabholtz, 0:

TRAVIOTA, 0:

Yardley, 2009:

Yardley, DA A phase II randomized crossover study of liposomal doxorubicin versus weekly docetaxel in the first-line treatment of women with metastatic breast cancer. Clin. Breast Cancer 2009;9:247-52 [[19933081](#)] [10.3816/CBC.2009.n.042](#)

2 nab-paclitaxel

Trial	Treatments	Patients	Trials design and methods
nab-paclitaxel vs docetaxel			
Gradishar , 2009 [NCT00274456] n=302 follow-up:	weekly and every 3 week (q3w) nab-paclitaxel versus docetaxel	first-line treatment in patients with MBC	
nab-paclitaxel + gemcitabine or carboplatin vs gemcitabine or carboplatin			
tnAcity ongoing [NCT01881230] n=NA follow-up:	Weekly Nab-Paclitaxel in Combination With Gemcitabine or Carboplatin versus Gemcitabine or Carboplatin	-	
nab-paclitaxel +gencotabine vs gemcitabine			
Roy , 2008 [NCT00110084] n=50 follow-up:	-	patients with previously untreated metastatic breast cancer	

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Gradishar WJ, Krasnojon D, Cheporov S, Makhson AN, Manikhas GM, Clawson A, Bhar P Significantly longer progression-free survival with nab-paclitaxel compared with docetaxel as first-line therapy for metastatic breast cancer. J Clin Oncol 2009;27:3611-9 [[19470941](#)]

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Gradishar WJ, Krasnojon D, Cheporov S, Makhson AN, Manikhas GM, Clawson A, Bhar P, McGuire JR, Iglesias J Phase II trial of nab-paclitaxel compared with docetaxel as first-line chemotherapy in patients with metastatic breast cancer: final analysis of overall survival. Clin Breast Cancer 2012;12:313-21 [[22728026](#)]

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Aapro M, Tjulandin S, Bhar P, Gradishar W Weekly nab-paclitaxel is safe and effective in ?65 years old patients with metastatic breast cancer: a post-hoc analysis. Breast 2011;20:468-74 [[21843943](#)]

tnAcity, :

Roy, 2008:

Roy V, LaPlant BR, Gross GG, Bane CL, Palmieri FM Phase II trial of weekly nab (nanoparticle albumin-bound)-paclitaxel (nab-paclitaxel) (Abraxane) in combination with gemcitabine in patients with metastatic breast cancer (N0531). Ann Oncol 2009;20:449-53 [[19087987](#)]

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3 taxanes alone

Trial	Treatments	Patients	Trials design and methods
paclitaxel vs capecitabine			
Talbot , 2002 n=NA follow-up:	i.v. paclitaxel (175 mg m(-2), versus 3-week cycles of intermittent oral capecitabine (1255 mg m(-2) twice daily, days 1-14,	-	
paclitaxel vs cisplatin, etoposide			
TOG , 2005 n=NA follow-up:	-	-	
paclitaxel vs CMFP			
ANZ TITG , 1999 n=NA follow-up:	paclitaxel 200 mg/m(2) intravenously (IV) over 3 hours for eight cycles (24 weeks) versus standard cyclophosphamide 100 mg/m(2)/d orally on days 1 to 14, methotrexate 40 mg/m(2) IV on days 1 and 8, fluorouracil 600 mg/m(2) IV on days 1 and 8, and prednisone 40 mg/m(2)/d orally on days 1 to 14 (CMFP) for six cycles (24 weeks) with epirubicin re	front-line therapy in untreated metastatic breast cancer	
docetaxel vs doxorubicin			
303 Study Group , 1999 n=161/165 follow-up:	intravenous infusion of docetaxel 100 mg/m(2) every 3 weeks for a maximum of seven treatment cycles. versus intravenous infusion of doxorubicin 75 mg/m(2) every 3 weeks for a maximum of seven treatment cycles.	patients with metastatic breast cancer who had received previous alkylating agent-containing chemotherapy	
paclitaxel vs doxorubicin			
ECOG E1193 (B) , 2003 n=NA follow-up:	paclitaxel (175 mg/m(2)/24 h), versus doxorubicin (60 mg/m(2)),	patients with metastatic breast cancer	
EORTC 10923 , 2000 n=NA follow-up:	-	first-line therapy of advanced breast cancer	
docetaxel vs doxorubicin + cyclophosphamide			

continued...

Trial	Treatments	Patients	Trials design and methods
JCOG , 2005 n=NA follow-up:	-	first-line chemotherapy in metastatic breast cancer	
docetaxel vs fluorouracil, vinorelbine			
TXT Group , 2002 n=NA follow-up:	docetaxel (100 mg m(-2)) every 3 weeks versus 5-fluorouracil+vinorelbine: 5-fluorouracil (750 mg m(-2) per day continuous infusion) D1-5 plus vinorelbine (25 mg m(-2)) D1 and D5 of each 3-week cycle	patients with metastatic breast cancer after failure of neo/adjuvant or one line of palliative anthracycline-based chemotherapy	
paclitaxel vs mitomycin			
Dieras , 1995 n=NA follow-up:	paclitaxel 175 mg/m2 given as a 3-hour infusion every 3 weeks versus mitomycin 12 mg/m2 given as an intravenous infusion every 6 weeks	advanced breast cancer	
docetaxel vs mitomycin, vinblastine			
304 Study Group , 1999 n=203/189 follow-up:	docetaxel 100 mg/m2 intravenously (i.v.) every 3 weeks versus mitomycin 12 mg/m2 i.v. every 6 weeks plus vinblastine 6 mg/m2 i.v. every 3 weeks	patients with metastatic breast cancer progressing despite previous anthracycline-containing chemotherapy	open-label
docetaxel vs sequential methotrexate and 5-fluorouracil			
Sjostrom , 1999 n=143/139 follow-up:	Docetaxel at a dose of 100 mg/m2 every 3 weeks versus sequential methotrexate and 5-fluorouracil	patients with advanced breast cancer who had failed previous anthracycline treatment	
docetaxel vs vinorelbine			
Meier , 2008 n=NA follow-up:	weekly docetaxel (DOC), 6 weekly doses per 8-week cycle versus Weekly vinorelbine	after failing anthracycline treatment	

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TOG, 2005:

Icli, F Cisplatin plus oral etoposide (EoP) combination is more effective than paclitaxel in patients with advanced breast cancer pretreated with anthracyclines: a randomised phase III trial of Turkish Oncology Group. Br. J. Cancer 2005;92:639-44 [[15726120](#)] [10.1038/sj.bjc.6602388](#)

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4 taxanes in combination

9

Trial	Treatments	Patients	Trials design and methods
docetaxel + doxorubicin vs doxorubicin + cyclophosphamide			
306 Study Group , 2003 n=214/215 follow-up:	doxorubicin 50 mg/m(2) plus docetaxel 75 mg/m(2) versus doxorubicin 60 mg/m(2) plus cyclophosphamide 600 mg/m(2)	first-line chemotherapy for metastatic breast cancer	
paclitaxel + doxorubicin vs doxorubicin + cyclophosphamide			
EORTC 10961 , 2002 n=NA follow-up:	Doxorubicin and paclitaxel versus doxorubicin and cyclophosphamide	first-line chemotherapy in metastatic breast cancer	
docetaxel + epirubicin vs epirubicin, cyclophosphamide			
Blohmer , 2010 n=NA follow-up:	ED (epirubicin 75 mg/m(2) and docetaxel 75 mg/m(2)) versus EC (epirubicin 90 mg/m(2) and cyclophosphamide 600 mg/m(2)).	first-line therapy for women with metastatic breast cancer	
paclitaxel + epirubicin vs epirubicin, cyclophosphamide			

continued...

Trial	Treatments	Patients	Trials design and methods
UKCCCR AB01 , 1997 n=NA follow-up:	EP (epirubicin 75 mg/m ² and paclitaxel 200 mg/m ²) versus EC (epirubicin 75 mg/m ² and cyclophosphamide 600 mg/m ²) administered intravenously every 3 weeks for a maximum of six cycles	first-line chemotherapy for metastatic breast cancer	
docetaxel + doxorubicin vs fluorouracil, doxorubicin, cyclophosphamide			
Bontenbal , 2005 n=NA follow-up:	AT (doxorubicin 50 mg/m ²) and docetaxel 75 mg/m ²) versus FAC (fluorouracil 500 mg/m ² , doxorubicin 50 mg/m ² , and cyclophosphamide 500 mg/m ²);	first-line chemotherapy in patients with metastatic breast cancer:	
paclitaxel + doxorubicin vs fluorouracil, doxorubicin, cyclophosphamide			
Jassem , 2001 n=NA follow-up:	-	first-line therapy for women with metastatic breast cancer	
docetaxel + epirubicin vs fluorouracil, epirubicin, cyclophosphamide			
Bonnetterre , 2004 n=NA follow-up:	docetaxel 75 mg m(-2) plus epirubicin 75 mg m(-2) versus 5-fluorouracil 500 mg m(-2) plus epirubicin 75 mg m(-2) and cyclophosphamide 500 mg m(-2) intravenously once every 3 weeks for up to eight cycles	-	
gemcitabine, epirubicin, paclitaxel vs fluorouracil, epirubicin, cyclophosphamide			
CECOG BM1 , 2005 n=NA follow-up:	gemcitabine (1,000 mg/m ²), days 1 and 4), epirubicin (90 mg/m ²), day 1), and paclitaxel (175 mg/m ²), day 1) versus FU (500 mg/m ²), day 1), epirubicin (90 mg/m ²), day 1), and cyclophosphamide (500 mg/m ²), day 1)	first-line chemotherapy in metastatic breast cancer	
docetaxel + trastuzumab vs vinorelbine, trastuzumab			
HERNATA , 2011 n=NA follow-up:	docetaxel 100 mg/m ²) day 1 versus vinorelbine 30 to 35 mg/m ²) on days 1 and 8	first-line therapy of metastatic or locally advanced human epidermal growth factor receptor 2-positive breast cancer	

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5 weekly taxanes

Trial	Treatments	Patients	Trials design and methods
Weekly Docetaxel vs Every three weeks Docetaxel			
65279;Rivera , 2008 n=NA follow-up:	Weekly Docetaxel 3540 mg/m2 versus Every three weeks Docetaxel 75100 mg/m2	65279;Metastatic patients with metastatic breast cancer	open
Taberbero , 2004 n=NA follow-up:	Weekly Docetaxel 40 mg/m2 versus Every three weeks Docetaxel 100 mg/m2	Metastatic	
Sedky , 2002 n=NA	Weekly Docetaxel 35 mg/m2 versus Every three weeks Docetaxel 100 mg/m2	Metastatic	
Willemse , 2007 n=NA	Weekly Docetaxel 36 mg/m2 versus Every three weeks Docetaxel 100 mg/m2	Metastatic	
Weekly Paclitaxel vs Every three weeks Docetaxel			
Gradishar , 2009 n=NA follow-up:	Weekly Nab-paclitaxel 100 mg/m2 versus Every three weeks Docetaxel 100 mg/m2	Metastatic	
Fountzilias , 2008 n=NA follow-up:	Weekly Paclitaxel 80 mg/m2 versus Every three weeks Gemc. Docetaxel 75 mg/m2	Metastatic	
split dose vs Every three weeks Paclitaxel			
Khoo , 2006 n=NA follow-up:	split-dose paclitaxel or docetaxel in combination with gemcitabine versus Every three weeks Gemc. Paclitaxel 175 mg/m2	Metastatic patients with metastatic breast cancer (MBC) who had previously received anthracyclines	
Weekly Paclitaxel vs Every three weeks Paclitaxel			
CLGB 9840 (Seidman) , 2008 n=NA follow-up:	Weekly Paclitaxel 80 mg/m2 versus Every three weeks Paclitaxel 175 mg/m2	Metastatic	
Fraci , 2006 n=NA	Weekly Epi CDDP Paclitaxel 120 mg/m2 versus Every three weeks Epi Paclitaxel 175 mg/m2	LABC	
Fraci , 2005 n=NA	Weekly Epi CDDP Paclitaxel 120 mg/m2 versus Every three weeks Epi Paclitaxel 175 mg/m2	Metastatic	
Sikov , 2002 n=NA	Weekly Paclitaxel 150 mg/m2 versus Split D1,8 every three weeks Paclitaxel 175 mg/m2	Metastatic	

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65279;Rivera , 2008:

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6 About TrialResults-center.org

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The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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