

# Clinical trials of HER2 inhibitors for advanced breast cancer (metastatic) in all type of patients

TrialResults-center [www.trialresultscenter.org](http://www.trialresultscenter.org)

## 1 margetuximab

Trial	Treatments	Patients	Trials design and methods
<b>margetuximab vs trastuzumab + chemotherapy</b>			
<b>SOPHIA</b> <i>ongoing</i> [NCT02492711] n=NA follow-up:	Margetuximab Plus Chemotherapy versus Trastuzumab Plus Chemotherapy	patients with advanced HER2+ breast cancer who have received prior treatment with trastuzumab, pertuzumab, and ado-trastuzumab emtansine in the neoadjuvant, adjuvant, or metastatic setting, and who have received at least one, and no more than two, lines of therapy in the metastatic setting	

## References

SOPHIA, :

## 2 pertuzumab

Trial	Treatments	Patients	Trials design and methods
<b>pertuzumab + trastuzumab + aromatase inhibitor vs trastuzumab + aromatase inhibitor</b>			
<b>MO27775</b> <i>ongoing</i> [NCT01491737] n=NA follow-up:	-	patients with HER2-positive and hormone receptor-positive advanced breast cancer	open label
<b>pertuzumab + trastuzumab + capecitabine vs trastuzumab + capecitabine</b>			
<b>PHEREXA</b> <i>ongoing</i> [NCT01026142] n=NA follow-up:	-	patients with HER2-positive metastatic breast can	
<b>pertuzumab + trastuzumab + docetaxel vs trastuzumab + docetaxel</b>			
<b>neoSphere (Group B)</b> , 2012 [NCT00545688] n=107/107 follow-up:	pertuzumab and trastuzumab plus docetaxel versus trastuzumab plus docetaxel	women with locally advanced, inflammatory, or early HER2-positive breast cancer	

continued...

Trial	Treatments	Patients	Trials design and methods
<b>CLEOPATRA , 2012</b> [NCT00567190] n=406/402 follow-up:	pertuzumab plus trastuzumab plus docetaxel versus placebo plus trastuzumab plus docetaxel	patients with HER2-positive metastatic breast cancer	Parallel groups double-blind

## References

**MO27775, 0:**

**PHEREXA, 0:**

**neoSphere (Group B), 2012:**

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## 3 trastuzumab

Trial	Treatments	Patients	Trials design and methods
<b>trastuzumab + anastrozole vs anastrozole alone</b>			
<b>TAnDEM (Kaufman) , 2009</b> n=NA follow-up:	anastrozole (1 mg/d orally) with trastuzumab (4 mg/kg intravenous infusion on day 1, then 2 mg/kg every week) until progression versus anastrozole	postmenopausal women with human epidermal growth factor receptor 2-positive, hormone receptor-positive metastatic breast cancer	
<b>trastuzumab + capecitabine vs capecitabine alone</b>			
<b>von Minckwitz , 2009</b> n=NA follow-up:	trastuzumab + capecitabine versus capecitabine alone	Patients with HER-2-positive breast cancer that progresses during treatment with trastuzumab	
<b>trastuzumab + docetaxel vs docetaxel alone</b>			

continued...

Trial	Treatments	Patients	Trials design and methods
Marty , 2005 [M77001] n=NA follow-up:	-	patients with human epidermal growth factor receptor 2-positive metastatic breast cancer administered as first-line treatment	
<b>trastuzumab + lapatinib vs lapatinib alone</b>			
Blackwell , 2010 n=NA follow-up:	lapatinib + trastuzumab versus lapatinib alone	women with ErbB2-positive, trastuzumab-refractory metastatic breast cancer	
<b>trastuzumab + letrozole vs letrozole alone</b>			
Huober , 2012 n=NA follow-up:	letrozole plus trastuzumab versus letrozole alone	patients with HER2-positive, hormone-receptor-positive metastatic breast cancer	
<b>trastuzumab + paclitaxel vs paclitaxel alone</b>			
Gasparini , 2006 n=NA follow-up:	trastuzumab + weekly paclitaxel versus weekly paclitaxel	patients with advanced breast cancer overexpressing HER-2.	
<b>trastuzumab + standard chemotherapy vs standard chemotherapy alone</b>			
Slamon , 2001 n=NA follow-up:	standard chemotherapy plus trastuzumab versus standard chemotherapy alone	women with metastatic breast cancer that overexpressed HER2	

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## 4 trastuzumab emtansine

Trial	Treatments	Patients	Trials design and methods
<b>trastuzumab emtansine vs lapatinib plus capecitabine</b>			
EMILIA , 2012 [NCT00829166] n=496/495 follow-up:	Trastuzumab emtansine versus lapatinib plus capecitabine	patients with HER2-positive advanced breast cancer, who had previously been treated with trastuzumab and a taxane	Parallel groups

continued...

Trial	Treatments	Patients	Trials design and methods
<b>trastuzumab emtansine vs usual care</b>			
<b>TH3RESA , 2014</b> [NCT01419197] n=404/198 follow-up:	trastuzumab emtansine versus physician's choice	patients with progressive HER2-positive advanced breast cancer who had received two or more HER2-directed regimens in the advanced setting	Parallel groups open-label

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Entry terms: ado-trastuzumab emtansine, trastuzumab-DM1, trastuzumab-DM1 conjugate, T-DM1 cpd, trastuzumab emtansine, huN901-DM1, Kadcyla

## 5 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

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.

TrialResults-center is non-profit and self-funded.