

# Clinical trials of chemotherapy for lung cancer (metastatic) in all type of patients

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## 1 pemetrexed alone

Trial	Treatments	Patients	Trials design and methods
<b>pemetrexed vs bortezomib</b>			
Scagliotti (pemetrexed vs bortezomib) , 2010 n=NA	pemetrexed versus bortezomib	-	
<b>pemetrexed vs docetaxel</b>			
Chen , 2008 n=34/33	-	-	
Hanna , 2004 n=283/288 follow-up:	pemetrexed 500 mg/m(2) intravenously (i.v.) day 1 with vitamin B(12), folic acid, and dexamethasone versus docetaxel 75 mg/m(2) i.v. day 1 with dexamethasone every 21 days	patients with advanced non-small-cell lung cancer (NSCLC) previously treated with chemotherapy	
Li , 2012 n=132/128 follow-up:	pemetrexed 500 mg/m(2) intravenously day 1 with vitamin B12, folic acid, and dexamethasone versus docetaxel 75 mg/m(2) intravenously day 1 with dexamethasone	patients with histological or cytological diagnosis of stage IIIB or IV NSCLC, who were not suitable for curative therapy and had failed from prior first line chemotherapy regimen for at least 4 weeks	
Sun , 2013 [NCT00391274] n=107/104 follow-up:	pemetrexed (500 mg/m(2); on Day 1 of each 21-day cycle versus docetaxel (75 mg/m(2) on Day 1 of each 21-day cycle	second-line therapy for Chinese patients with locally advanced or metastatic non-small cell lung cancer	open-label

## References

### Scagliotti (pemetrexed vs bortezomib), 2010:

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### Chen, 2008:

### Hanna, 2004:

Hanna N, Shepherd FA, Fossella FV, Pereira JR, De Marinis F, von Pawel J, Gatzemeier U, Tsao TC, Pless M, Muller T, Lim HL, Desch C, Szondy K, Gervais R, Shaharyar, Manegold C, Paul S, Paoletti P, Einhorn L, Bunn PA Jr Randomized phase III trial of pemetrexed versus docetaxel in patients with non-small-cell lung cancer previously treated with chemotherapy. *J Clin Oncol* 2004;22:1589-97 [[15117980](#)] [10.1200/JCO.2004.08.163](https://doi.org/10.1200/JCO.2004.08.163)

**Li, 2012:**

Li R, Sun L, Wang J, Qian J, Wang Z, Jiao X Pemetrexed versus docetaxel in second line non-small-cell lung cancer: results and subsets analyses of a multi-center, randomized, exploratory trial in Chinese patients. *Pulm Pharmacol Ther* 2012;25:364-70 [22766314] [10.1016/j.pupt.2012.06.008](https://doi.org/10.1016/j.pupt.2012.06.008)

**Sun, 2013:**

Sun Y, Wu YL, Zhou CC, Zhang L, Zhang L, Liu XY, Yu SY, Jiang GL, Li K, Qin SK, Ma SL, Han L, Quinlivan M, Orlando M, Zhang XQ Second-line pemetrexed versus docetaxel in Chinese patients with locally advanced or metastatic non-small cell lung cancer: a randomized, open-label study. *Lung Cancer* 2013;79:143-50 [23182660] [10.1016/j.lungcan.2012.10.015](https://doi.org/10.1016/j.lungcan.2012.10.015)

## 2 pemetrexed doublet

Trial	Treatments	Patients	Trials design and methods
<b>pemetrexed plus carboplatin vs docetaxel plus carboplatin</b>			
Jose , 2011 n=106/105 follow-up:	carboplatin (area under the curve = 5 mg/ml min) and pemetrexed (500 mg/m(2)) 21-day cycle (maximum of six cycles). versus docetaxel (75 mg/m(2)).	first-line treatment for advanced, nonsquamous non-small cell lung cancer	
Socinski , 2010 n=74/72 follow-up:	pemetrexed 500 mg/m and carboplatin area under the curve 6 once every 3 weeks for up to 6 cycles versus docetaxel 75 mg/m and carboplatin area under the curve 6 once every 3 weeks for up to six cycles	Patients with stage IIIB (with pleural effusion) or IV non-small cell lung cancer and performance status 0 or 1	
<b>bortezomib and pemetrexed vs pemetrexed</b>			
Scagliotti , 2010 n=NA follow-up:	Pemetrexed plus Bortezomib versus pemetrexed	-	
<b>enzastaurin plus pemetrexed vs pemetrexed</b>			
Chiappori , 2010 n=NA follow-up:	Pemetrexed plus enzastaurin versus pemetrexed	-	
<b>matuzumab plus pemetrexed vs pemetrexed</b>			
Schiller , 2010 n=NA follow-up:	Pemetrexed plus matuzumab versus pemetrexed	-	
<b>pemetrexed plus carboplatin vs pemetrexed</b>			
Smit , 2009 n=NA	Pemetrexed plus carboplatin versus pemetrexed	-	
<b>vandetanib plus pemetrexed vs pemetrexed</b>			
De Boer , 2011 n=NA follow-up:	Vandetanib plus pemetrexed versus pemetrexed	-	

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Entry terms: vandetanib , caprelsa, ZD 6474, ZD6474, ZD-6474, vandetanib, Zactima,

## 3 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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