

**SINUPRET: Most relevant clinical studies**

Product	Indication	Authors	Title	Design	Published in	Year	Country where the study was done	Results	published as	Where to find
Sinupret eXtract (Lietuvoje Sinupret Intens)	acute viral rhinosinusitis	Jund et al.	Herbal drug BNO 1016 is safe and effective in the treatment of acute viral rhinosinusitis	pooled efficacy data of 2 similar randomized placebo controlled clinical trials	Acta Oto-Laryngologica. 2015; 135: 42-50	2015 NEW	Germany	Daily intake of 480 mg of BNO 1016 for 15 days is an effective treatment in acute viral rhinosinusitis	Article	<a href="http://informahealthcare.com/doi/full/10.3109/00016489.2014.952642">http://informahealthcare.com/doi/full/10.3109/00016489.2014.952642</a>
Sinupret Forte	acute rhinosinusitis	Passali et al.	A prospective open-label study to assess the efficacy and safety of a herbal medicinal product (Sinupret forte) in patients with acute rhinosinusitis	multicentre, prospective, open-label study	J Oto Rhino Laryngology (ORL)	2015 NEW	Italy	Sinupret Forte has a significant level of efficacy in acute rhinosinusitis and that treatment is safe.	Article	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25661190">http://www.ncbi.nlm.nih.gov/pubmed/25661190</a>
Sinupret eXtract (Lietuvoje Sinupret Intens)	acute rhinosinusitis in adults	Bachert et al.	Multicentre, Randomised, Double-blind, Placebo-controlled Parallel-group Dose-Finding Study of Herbal Medicine (Dry Extract) BNO-1016 in Acute Rhinosinusitis (ARhSi-1)	Multicentre, Placebo-controlled, randomized double-blind clinical trial	84th Congress of German HNOs	2013	Germany	The higher dose of 480 mg BNO-1016 showed a better improvement in specific symptoms of rhinosinusitis and provided an accelerated remission of single symptoms like headache. In view of the favourable benefit/risk ratio of the BNO 1016 the dry extract offers an efficacious treatment option for management of acute viral rhinosinusitis.	Poster	can be found at Bionorica SE
Sinupret eXtract (Lietuvoje Sinupret Intens)	acute rhinosinusitis in adults	Jund et al.	Clinical efficacy of a dry extract of five herbal drugs in acute viral rhinosinusitis	Placebo-controlled, randomized double-blind clinical trial	Rhinology 2012 Dec;50(4):417-26	2012	Germany	Clinical study performed according to GCP and EPOS guidelines, that confirms efficacy and safety of the product. Treatment with Sinupret eXtract leads to significant and clinically relevant improvements in symptoms of acute viral rhinosinusitis by the end of treatment compared to placebo.	Article (Reprint)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/23193534">http://www.ncbi.nlm.nih.gov/pubmed/23193534</a> <a href="http://resonance.meds.lu/docs/Revised%20Final%20manuscript%20rhinosinusitis%20Herbal%20drug.pdf">http://resonance.meds.lu/docs/Revised%20Final%20manuscript%20rhinosinusitis%20Herbal%20drug.pdf</a>
Sinupret	patients with acute catarrhal rhinosinusitis	Vishnyakov V.V., Sinkov E.V.	Complex treatment of acute rhinosinusitis	parallel-group clinical study	Пульмонология и оториноларингология (Pulmonology and otorhinolaryngology). 2011. N. 4. P. 2-5.	2011	RU	The main group received antibiotics and Sinupret during 8 days, reference group only antibiotics. Altogether 50 people. Results: in main group improvement of nasal breathing, decreasing of nasal rheum and feeling of pressure in paranasal sinuses was quicker than in reference group, as well as improvement of rhinoscopy results.	Article	can be found at Bionorica SE
Sinupret		American Botanic Council: Heather S. Oliff, PhD and Mark Blumenthal	Scientific and clinical monograph for proprietary botanical product Sinupret	monograph/review	American Botanical Council	2010	America	Summary of preclinical and clinical studies of Sinupret®, a clinically-tested herbal combination for upper respiratory tract health, including conditions associated with sinusitis and bronchitis	Product Monograph	<a href="http://www.herbalgram.org/interDocServer/Sinupret_fullmono.pdf?docID=983">http://www.herbalgram.org/interDocServer/Sinupret_fullmono.pdf?docID=983</a> <a href="http://cms.herbalgram.org/jrns/2009/SinupretMonograph.html">http://cms.herbalgram.org/jrns/2009/SinupretMonograph.html</a>
Sinupret	patients with acute rhinosinusitis	Savvateyeva D.M., Lopatin A.S.	Diagnosis and treatment of the olfactory dysfunction in patients with acute rhinosinusitis.		Российская ринология (Russian Rhinology), №2, 2010, p. 8-11.	2010	RU	Sinupret removes the main symptoms of the diseases faster as well as ensures faster recovery of olfactory function and probably prevents development of more stable olfactory dysfunctions. Number of cases is rather little.	Article	can be found at Bionorica SE
Sinupret		Melzer, J. et al.	Systematic Review of Clinical Data with BNO 101 (Sinupret) in the Treatment of Sinusitis	review	Forsch. Komplementärmed. 2006; 13:78-87.	2006	Germany	Review on clinical data on Sinupret in the treatment of sinusitis	Article (Reprint)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/16645287">http://www.ncbi.nlm.nih.gov/pubmed/16645287</a>
Sinupret	acute Rhinosinusitis in children from 2 to 12 years	Biebach, K., Kramer, A.	Effective treatment of rhinosinusitis in children (Effektive Behandlung der Rhinosinusitis bei Kindern.)	prospective, non-interventional study	päd (10) 2004	2004	Germany	Superior efficacy of Sinupret Tablets and Sinupret Drops	Article (Reprint)	<a href="https://www.rosenthu.ch/medu/Arzneimittel/Thema-Phytotherapie/2010/03/effekte_Behandlung_Rhinosinusitis.pdf">https://www.rosenthu.ch/medu/Arzneimittel/Thema-Phytotherapie/2010/03/effekte_Behandlung_Rhinosinusitis.pdf</a>
Sinupret	patients treated with Sinupret during pregnancy	Ismail, C. et al.	Surveillance study of Sinupret in comparison with data of the Mainz birth registry.	retrospective, epidemiological surveillance study	Arch Gynecol Obstet, 2003; 267:196-201	2003	Germany	The study underlines the safety of Sinupret® during pregnancy. A very positive risk-benefit-ratio was confirmed.	Article (Reprint)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/12592411">http://www.ncbi.nlm.nih.gov/pubmed/12592411</a>
Sinupret	children 2,5 - 12 years with acute sinusitis	Garaschenko, et al.	Mucoactive drugs in acute and chronic sinusitis treatment in children	parallel-group clinical study about mucociliary transport time	19th congress of the european rhinologic society, Ulm 2002	2002	RU	Usage of mucoactive drugs (either SIN or Carbocisteine) supports standard therapy for better results.	Abstract	can be found at Bionorica SE
Sinupret		März, R.W., et al.	Action profile and efficacy of a herbal combination preparation for the treatment of sinusitis	review	Wien. Med. Wschr. (WMMW), 1999; 149:202-208	1999	Germany	Comparison with other products; overview on published and not published data.	Article (Reprint)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/10483681">http://www.ncbi.nlm.nih.gov/pubmed/10483681</a>
Sinupret	acute bacterial Sinusitis in adult patients	Neubauer, N., März, R.W.	Placebo-controlled, randomized double-blind clinical trial with Sinupret sugar coated tablets on the basis of a therapy with antibiotics and decongestant nasal drops in acute sinusitis.	placebo-controlled, randomized double-blind prospective study	Phytomedicine, 1994; 1:177-181	1994	Germany	Adding Sinupret to antibiotics, significantly more patients became asymptomatic.	Article (Reprint)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/23195935">http://www.ncbi.nlm.nih.gov/pubmed/23195935</a>

Sinupret	chronic sinusitis in adults	Richstein, A., Mann, W.	Treatment of chronic rhino-sinusitis with Sinupret	placebo-controlled, randomized double-blind clinical trial	Ther. D. Gegenw., 1980; 119:1055-1060	1980	Germany	After a 7-days treatment with Sinupret in patients with chronic sinusitis, 12 of 16 patients in the Sinupret group compared to 6 of 15 patients in the placebo group showed considerable or complete recovery.	Article (Reprint)	
<b>Phytoneering: a new way of therapy for rhinosinusitis</b>										
									<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4443571/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4443571/</a>	