

References

Willow Bark

- Horton TJ, Geissler CA. Aspirin potentiates the effect of ephedrine on the thermogenic response to a meal in obese but not lean women. *Int J Obes* 1991;15:359-66. [View abstract](#). **314**
- Dulloo AG, Miller DS. Aspirin as a promoter of ephedrine-induced thermogenesis: potential use in the treatment of obesity. *Am J Clin Nutr* 1987;45:564-9. [View abstract](#). **729**
- Chrubasik S, Eisenberg E, Balan E, et al. Treatment of low back pain exacerbations with willow bark extract: a randomized double-blind study. *Am J Med* 2000;109:9-14. [View abstract](#). **6456**
- Dulloo AG, Miller DS. Ephedrine, caffeine and aspirin: "over-the-counter" drugs that interact to stimulate thermogenesis in the obese. *Nutrition* 1989;5:7-9. **10003**
- Food and Drug Administration, HHS. Final rule declaring dietary supplements containing ephedrine alkaloids adulterated because they present an unreasonable risk; Final rule. *Fed Regist* 2004;69:6787-6854. [View abstract](#). **10055**
- Boullata JI, McDonnell PJ, Oliva CD. Anaphylactic reaction to a dietary supplement containing willow bark. *Ann Pharmacother* 2003;37:832-5. [View abstract](#). **10392**
- Schmid B, Ludtke R, Selbmann HK, et al. Efficacy and tolerability of a standardized willow bark extract in patients with osteoarthritis: randomized placebo-controlled, double blind clinical trial. *Phytother Res* 2001;15:344-50. [View abstract](#). **12474**
- Biegert C, Wagner I, Ludtke R, et al. Efficacy and safety of willow bark extract in the treatment of osteoarthritis and rheumatoid arthritis: results of 2 randomized double-blind controlled trials. *J Rheumatol* 2004;31:2121-30. [View abstract](#). **12475**
- Fiebich BL, Chrubasik S. Effects of an ethanolic salix extract on the release of selected inflammatory mediators in vitro. *Phytomedicine* 2004;11:135-8. [View abstract](#). **12476**
- Food and Drug Administration, HHS. Labeling for oral and rectal over-the-counter drug products containing aspirin and nonaspirin salicylates; Reye's Syndrome warning. Final rule. *Fed Regist* 2003;68:18861-9. [View abstract](#). **12801**
- Unsworth J, d'Assis-Fonseca A, Beswick DT, Blake DR. Serum salicylate levels in a breast fed infant. *Ann Rheum Dis* 1987;46:638-9. [View abstract](#). **12802**
- Clark JH, Wilson WG. A 16-day-old breast-fed infant with metabolic acidosis caused by salicylate. *Clin Pediatr (Phila)* 1981;20:53-4. [View abstract](#). **12803**
- Chrubasik S, Kunzel O, Model A, et al. Treatment of low back pain with a herbal or synthetic anti-rheumatic: a randomized controlled study. Willow bark extract for low back pain. *Rheumatology (Oxford)* 2001;40:1388-93. [View abstract](#). **12804**
- D'Agati V. Does aspirin cause acute or chronic renal failure in experimental animals and in humans? *Am J Kidney Dis* 1996;28:S24-9. [View abstract](#). **12805**
- Schwarz A. Beethoven's renal disease based on his autopsy: a case of papillary necrosis. *Am J Kidney Dis* 1993;21:643-52. [View abstract](#). **12806**
- Andreev E, Koopman M, Arisz L. A rise in plasma creatinine that is not a sign of renal failure: which drugs can be responsible? *J Intern Med* 1999;246:247-52. [View abstract](#). **12807**

- 12808**
- Schmid B, Kotter I, Heide L. Pharmacokinetics of salicin after oral administration of a standardised willow bark extract. *Eur J Clin Pharmacol.* 2001;57:387-91. [View abstract.](#)
- 12809**
- Wagner I, Greim C, Laufer S, et al. Influence of willow bark extract on cyclooxygenase activity and on tumor necrosis factor alpha or interleukin 1 beta release in vitro and ex vivo. *Clin Pharmacol Ther* 2003;73:272-4. [View abstract.](#)
- 12810**
- Krivoy N, Pavlotzky E, Chrubasik S, et al. Effect of salicis cortex extract on human platelet aggregation. *Planta Med* 2001;67:209-12. [View abstract.](#)
- 12811**
- Coffey CS, Steiner D, Baker BA, Allison DB. A randomized double-blind placebo-controlled clinical trial of a product containing ephedrine, caffeine, and other ingredients from herbal sources for treatment of overweight and obesity in the absence of lifestyle treatment. *Int J Obes Relat Metab Disord* 2004;28:1411-9. [View abstract.](#)
- 12812**
- Fiebich BL, Appel K. Anti-inflammatory effects of willow bark extract. *Clin Pharmacol Ther* 2003;74:96. [View abstract.](#)
- 15259**
- Gagnier JJ, van Tulder MW, Berman B, Bombardier C. Herbal medicine for low back pain. A Cochrane review. *Spine* 2007;32:82-92. [View abstract.](#)
- 35785**
- Ernst, E. and Chrubasik, S. Phyto-anti-inflammatories. A systematic review of randomized, placebo-controlled, double-blind trials. *Rheum.Dis Clin North Am* 2000;26(1):13-27, vii. [View abstract.](#)
- 35946**
- Mills SY, Jacoby RK, Chacksfield M, Willoughby M. Effect of a proprietary herbal medicine on the relief of chronic arthritic pain: a double-blind study. *Br J Rheumatol* 1996;35:874-8. [View abstract.](#)
- 40500**
- Gagnier, J. J., van Tulder, M., Berman, B., and Bombardier, C. Herbal medicine for low back pain. *Cochrane.Database.Syst.Rev.* 2006;(2):CD004504. [View abstract.](#)
- 51965**
- Chrubasik, J. E., Roufogalis, B. D., and Chrubasik, S. Evidence of effectiveness of herbal antiinflammatory drugs in the treatment of painful osteoarthritis and chronic low back pain. *Phytother Res* 2007;21(7):675-683. [View abstract.](#)
- 86454**
- Levesque, H. and Lafont, O. [Aspirin throughout the ages: a historical review]. *Rev Med Interne* 2000;21 Suppl 1:8s-17s. [View abstract.](#)
- 86457**
- Vane, J. R. The fight against rheumatism: from willow bark to COX-1 sparing drugs. *J Physiol Pharmacol* 2000;51(4 Pt 1):573-586. [View abstract.](#)
- 86458**
- Little CV, Parsons T. Herbal therapy for treating osteoarthritis. *Cochrane Database Syst Rev.* 2001;(1):CD002947.
- [View abstract.](#)
- 86459**
- Chrubasik, S., Kunzel, O., Black, A., Conradt, C., and Kerschbaumer, F. Potential economic impact of using a proprietary willow bark extract in outpatient treatment of low back pain: an open non-randomized study. *Phytomedicine* 2001;8(4):241-251. [View abstract.](#)
- 86460**
- Akao, T., Yoshino, T., Kobashi, K., and Hattori, M. Evaluation of salicin as an antipyretic prodrug that does not cause gastric injury. *Planta Med* 2002;68(8):714-718. [View abstract.](#)
- 86464**

- Clauson, K. A., Santamarina, M. L., Buettner, C. M., and Cauffield, J. S. Evaluation of presence of aspirin-related warnings with willow bark. *Ann Pharmacother.* 2005;39(7-8):1234-1237. [View abstract.](#) **86466**
- Kammerer, B., Kahlich, R., Biegert, C., Gleiter, C. H., and Heide, L. HPLC-MS/MS analysis of willow bark extracts contained in pharmaceutical preparations. *Phytochem Anal.* 2005;16(6):470-478. [View abstract.](#) **86467**
- Khayyal, M. T., El Ghazaly, M. A., Abdallah, D. M., Okpanyi, S. N., Kelber, O., and Weiser, D. Mechanisms involved in the anti-inflammatory effect of a standardized willow bark extract. *Arzneimittelforschung* 2005;55(11):677-687. [View abstract.](#) **86469**
- Marson, P. and Pasero, G. [The Italian contributions to the history of salicylates]. *Reumatismo.* 2006;58(1):66-75. [View abstract.](#) **86471**
- Nahrstedt A, Schmidt M, Jäggi R, Metz J, Khayyal MT. Willow bark extract: the contribution of polyphenols to the overall effect. *Wien Med Wochenschr.* 2007;157(13-14):348-51. [View abstract.](#) **86473**
- Vlachojannis JE, Cameron M, Chrubasik S. A systematic review on the effectiveness of willow bark for musculoskeletal pain. *Phytother Res.* 2009 Jul;23(7):897-900. [View abstract.](#) **86474**
- Kenstaviciene P, Nenortiene P, Kiliuviene G, Zevzikovas A, Lukosius A, Kazlauskiene D. Application of high-performance liquid chromatography for research of salicin in bark of different varieties of *Salix*. *Medicina (Kaunas).* 2009;45(8):644-51. [View abstract.](#) **86475**
- Cameron, M., Gagnier, J. J., Little, C. V., Parsons, T. J., Blumle, A., and Chrubasik, S. Evidence of effectiveness of herbal medicinal products in the treatment of arthritis. Part I: Osteoarthritis. *Phytother.Res* 2009;23(11):1497-1515. [View abstract.](#) **86477**
- Moro PA, Flacco V, Cassetti F, Clementi V, Colombo ML, Chiesa GM, Menniti-Ippolito F, Raschetti R, Santuccio C. Hypovolemic shock due to severe gastrointestinal bleeding in a child taking an herbal syrup. *Ann Ist Super Sanita.* 2011;47(3):278-83. [View abstract.](#) **86481**
- Sweeney, K. R., Chapron, D. J., Brandt, J. L., Gomolin, I. H., Feig, P. U., and Kramer, P. A. Toxic interaction between acetazolamide and salicylate: case reports and a pharmacokinetic explanation. *Clin Pharmacol Ther* 1986;40(5):518-524. [View abstract.](#) **86482**
- Steinegger, E. and Hovel, H. [Analytic and biologic studies on Salicaceae substances, especially on salicin. II. Biological study]. *Pharm Acta Helv.* 1972;47(3):222-234. [View abstract.](#) **86485**
- Hyson MI. Anticephalgic photoprotective premedicated mask. A report of a successful double-blind placebo-controlled study of a new treatment for headaches with associated frontalis pain and photophobia. *Headache* 1998;38:475-477. **86486**

- Meier B, Shao Y, Julkunen-Tiitto R, and et al. A chemotaxonomic survey of phenolic compounds in Swiss willow species. *Planta Medica* 1992;58(suppl 1):A698. **86488**
- Chrubasik S, Künzel O, Model A, and et al. Assalix® vs. Vioxx® for low back pain - a randomised open controlled study. 8th Annual Symposium on Complementary Health Care, 6th - 8th December 2001 2001. **86489**
- Black A, Künzel O, Chrubasik S, and et al. Economics of using willow bark extract in outpatient treatment of low back pain [abstract]. 8th Annual Symposium on Complementary Health Care, 6th-8th December 2001 2001. **86490**
- Schaffner W. Eidenrinde-ein antiarrheumatikum der modernen Phytotherapie? 1997;125-127. **86491**
- Dabrowska-Zamojcin EI, Glinko A, Samochowiec L, and et al. Willow bark extract and aspirin, their potential for gastric injury in mice and other toxicity aspects. 8th Annual Symposium on Complementary Health Care, 6th-8th December 2001 2001. **86492**
- Loniewski I, Glinko A, and Samochowiec L. Standardised willow bark extract: a potent anti-inflammatory drug . 8th Annual Symposium on Complementary Health Care, 6th-8th December 2001 2001. **86494**
- Little CV, Parsons T, and Logan S. Herbal therapy for treating osteoarthritis. *The Cochrane Library* 2002;1. **86495**
- Werner G, Marz RW, and Schremmer D. Assalix for chronic lower back pain and arthralgia: interim analysis of a post marketing surveillance study. 8th Annual Symposium on Complementary Health Care, 6th - 8th December 2001 2001. **86496**
- Gagnier JJ, VanTulder MW, Berman B, and et al. Botanical medicine for low back pain: a systematic review [abstract]. 9th Annual Symposium on Complementary Health Care, December 4th-6th, Exter, UK 2002. **89560**
- Nieman DC, Shanely RA, Luo B, Dew D, Meaney MP, Sha W. A commercialized dietary supplement alleviates joint pain in community adults: a double-blind, placebo-controlled community trial. *Nutr J* 2013;12(1):154. [View abstract.](#) **91406**
- Beer AM, Wegener T. Willow bark extract (*Salicis cortex*) for gonarthrosis and coxarthrosis--results of a cohort study with a control group. *Phytomedicine*. 2008 Nov;15(11):907-13. [View abstract.](#) **91407**
- Uehleke B, Müller J, Stange R, Kelber O, Melzer J. Willow bark extract STW 33-I in the long-term treatment of outpatients with rheumatic pain mainly osteoarthritis or back pain. *Phytomedicine*. 2013 Aug 15;20(11):980-4. [View abstract.](#) **94105**
- Wuthold K, Germann I, Roos G, et al. Thin-layer chromatography and multivariate data analysis of willow bark extracts. *J Chromatogr Sci*. 2004;42(6):306-9. [View abstract.](#)