

References

Horse Chestnut

- Blumenthal M, ed. The Complete German Commission E Monographs: Therapeutic Guide to Herbal Medicines. Trans. S. Klein. Boston, MA: American Botanical Council, 1998. **2**
- Newall CA, Anderson LA, Philpson JD. Herbal Medicine: A Guide for Healthcare Professionals. London, UK: The Pharmaceutical Press, 1996. **4**
- Martindale W. Martindale the Extra Pharmacopoeia. Pharmaceutical Press, 1999. **9**
- Leung AY, Foster S. Encyclopedia of Common Natural Ingredients Used in Food, Drugs and Cosmetics. 2nd ed. New York, NY: John Wiley & Sons, 1996. **11**
- Ellenhorn MJ, et al. Ellenhorn's Medical Toxicology: Diagnoses and Treatment of Human Poisoning. 2nd ed. Baltimore, MD: Williams & Wilkins, 1997. **17**
- Gruenwald J, Brendler T, Jaenicke C. PDR for Herbal Medicines. 1st ed. Montvale, NJ: Medical Economics Company, Inc., 1998. **18**
- Brinker F. Herb Contraindications and Drug Interactions. 2nd ed. Sandy, OR: Eclectic Medical Publications, 1998. **19**
- Pittler MH, Ernst E. Horse-chestnut seed extract for chronic venous insufficiency. A criteria-based systematic review. Arch Dermatol 1998;134:1356-60. [View abstract](#). **281**
- Greeske K, Pohlmann BK. Horse chestnut seed extract-an effective therapy principle in general practice. Drug therapy of chronic venous insufficiency. Fortschr Med 1996;114:196-200. [View abstract](#). **282**
- Diehm C, Trampisch HJ, Lange S, Schmidt C. Comparison of leg compression stocking and oral horse-chestnut seed extract in patients with chronic venous insufficiency. Lancet 1996;347:292-4. [View abstract](#). **283**
- Diehm C, Vollbrecht D, Amendt K, Comberg HU. Medical edema protection-clinical benefit in patients with chronic deep vein incompetence. Vasa 1992;21:188-92. [View abstract](#). **284**
- Bisler H, Pfeifer R, Kluken N, Pauschinger P. [Effects of horse-chestnut seed on transcapillary filtration in chronic venous insufficiency]. Dtsch Med Wochenschr 1986;111:1321-9. [View abstract](#). **285**
- Robbers JE, Tyler VE. Tyler's Herbs of Choice: The Therapeutic Use of Phytomedicinals. New York, NY: The Haworth Herbal Press, 1999. **512**
- Takegoshi K, Tohyama T, Okuda K, et al. A case of Venoplast-induced hepatic injury. Gastroenterol Jpn 1986;21:62-5. [View abstract](#). **552**
- Jaspersen-Schib R, Theus L, Guirguis-Oeschger M, et al. [Serious plant poisonings in Switzerland 1966-1994. Case analysis from the Swiss Toxicology Information Center]. Schweiz Med Wochenschr 1996;126:1085-98. [View abstract](#). **553**
- Heck AM, DeWitt BA, Lukes AL. Potential interactions between alternative therapies and warfarin. Am J Health Syst Pharm 2000;57:1221-7. [View abstract](#). **6048**
- 6420**

- Anon. Horse Chestnut. The Natural Pharmacist 2000. www.tnp.com/substance.asp?ID=62. (Accessed 24 June 2000). **7162**
- Dr. Duke's Phytochemical and Ethnobotanical Databases. Available at: <http://www.ars-grin.gov/duke/>. **7693**
- Koch R. Comparative study of venostatin and pycnogenol in chronic venous insufficiency. *Phytother Res* 2002;16:S1-S5. *Phytother Res* 2002;16:S1-S5. [View abstract](#). **7775**
- Popp W, Horak F, Jager S, et al. Horse chestnut (*Aesculus hippocastanum*) pollen: a frequent cause of allergic sensitization in urban children. *Allergy* 1992;47:380-3. [View abstract](#). **7853**
- Diaz-Perales A, Collada C, Blanco C, et al. Cross-reactions in the latex-fruit syndrome: A relevant role of chitinases but not of complex asparagine-linked glycans. *J Allergy Clin Immunol* 1999;104:681-7. [View abstract](#). **8418**
- Blanco C, Diaz-Perales A, Collada C, et al. Class I chitinases as potential panallergens involved in the latex-fruit syndrome. *J Allergy Clin Immunol* 1999;103:507-13. [View abstract](#). **10383**
- Comaish JS, Kersey PJ. Contact dermatitis to extract of horse chestnut (esculin). *Contact Dermatitis* 1980;6:150-1. [View abstract](#). **12113**
- Pittler MH, Ernst E. Horse chestnut seed extract for chronic venous insufficiency (Cochrane Review). In: *The Cochrane Library*, Issue 3, 2004. Chichester, UK: John Wiley & Sons, Ltd. **20322**
- Abebe W. Herbal medication: potential for adverse interactions with analgesic drugs. *J Clin Pharm Ther*. 2002;27:391-401. [View abstract](#). **20323**
- Argento A, Tiraferri E, Marzalani M. [Oral anticoagulants and medicinal plants. An emerging interaction]. *Ann Ital Med Int*. 2000;15:139-43. [View abstract](#). **55474**
- Bielanski, T. E. and Piotrowski, Z. H. Horse-chestnut seed extract for chronic venous insufficiency. *J Fam Pract* 1999;48(3):171-172. [View abstract](#). **55475**
- Ernst, E. Herbal medications for common ailments in the elderly. *Drugs Aging* 1999;15(6):423-428. [View abstract](#). **55476**
- Brunner, F., Hoffmann, C., and Schuller-Petrovic, S. Responsiveness of human varicose saphenous veins to vasoactive agents. *Br.J Clin Pharmacol*. 2001;51(3):219-224. [View abstract](#). **55477**
- Ottillinger, B. and Greeske, K. Rational therapy of chronic venous insufficiency--chances and limits of the therapeutic use of horse-chestnut seeds extract. *BMC.Cardiovasc.Disord*. 2001;1(1):5. [View abstract](#). **55478**
- Pittler, M. H. and Ernst, E. Horse chestnut seed extract for chronic venous insufficiency. *Cochrane Database.Syst Rev* 2003;(1):CD003230. [View abstract](#). **55479**
- Maas, D., Schubotho, H., Schramm, A., Droese, M., Adelung, W., and Winter, H. [Mitochondrial antibodies induced by drug administration in patients with and without pseudo LE syndrome (author's transl)]. *Immun.Infekt*. 1975;3(6):257-263. [View abstract](#). **55480**
- Ernst, E., Pittler, M. H., and Stevinson, C. Complementary/alternative medicine in dermatology: evidence-assessed efficacy of two diseases and two treatments. *Am J Clin Dermatol*. 2002;3(5):341-348. [View abstract](#). **55481**
- Siebert, U., Brach, M., Sroczyński, G., and Berla, K. Efficacy, routine effectiveness, and safety of horsechestnut seed extract in the treatment of chronic venous insufficiency. A meta-analysis of

- randomized controlled trials and large observational studies. *Int Angiol.* 2002;21(4):305-315. [View abstract.](#) **55482**
- Dattner, A. M. From medical herbalism to phytotherapy in dermatology: back to the future. *Dermatol.Ther* 2003;16(2):106-113. [View abstract.](#) **55483**
- Antoniuk, V. O. [Isolation of lectin from horse chestnut (*Aesculus hippocastanum* L.) seeds and study of its interaction with carbohydrates and glycoproteins]. *Ukr.Biokhim.Zh.* 1992;64(5):47-52. [View abstract.](#) **55484**
- el Dessouki, S. Aflatoxins in cosmetics containing substrates for aflatoxin-producing fungi. *Food Chem Toxicol.* 1992;30(11):993-994. [View abstract.](#) **55485**
- Bassler, D., Okpanyi, S., Schrodter, A., Loew, D., Schurer, M., and Schulz, H. U. Bioavailability of beta-aescin from horse chestnut seed extract: comparative clinical studies of two Galenic formulations. *Adv.Ther.* 2003;20(5):295-304. [View abstract.](#) **55486**
- Pittler, M. H. and Ernst, E. Horse chestnut seed extract for chronic venous insufficiency. *Cochrane.Database.Syst.Rev.* 2004;(2):CD003230. [View abstract.](#) **55487**
- Pittler, M. H. and Ernst, E. Horse chestnut seed extract for chronic venous insufficiency. *Cochrane.Database.Syst.Rev* 2006;(1):CD003230. [View abstract.](#) **55489**
- Suter, A., Bommer, S., and Rechner, J. Treatment of patients with venous insufficiency with fresh plant horse chestnut seed extract: a review of 5 clinical studies. *Adv Ther* 2006;23(1):179-190. [View abstract.](#) **55490**
- Xie, Q., Zong, X., Ge, B., Wang, S., Ji, J., Ye, Y., and Pan, L. Pilot postoperative ileus study of escin in cancer patients after colorectal surgery. *World J.Surg.* 2009;33(2):348-354. [View abstract.](#) **55491**
- Carrasco, O. F., Ranero, A., Hong, E., and Vidrio, H. Endothelial function impairment in chronic venous insufficiency: effect of some cardiovascular protectant agents. *Angiology* 12-20-2009;60(6):763-771. [View abstract.](#) **55492**
- Difonzo, E. M., Campanile, G. L., Vanzi, L., and Lotti, L. Mesotherapy and cutaneous *Mycobacterium fortuitum* infection. *Int.J.Dermatol.* 2009;48(6):645-647. [View abstract.](#) **55493**
- Fang, Y., Zhao, L., Yan, F., Xia, X., Xu, D., and Cui, X. Escin improves sperm quality in male patients with varicocele-associated infertility. *Phytomedicine.* 2010;17(3-4):192-196. [View abstract.](#) **55494**
- No authors. *Aesculus hippocastanum* (Horse chestnut). Monograph. *Altern.Med.Rev.* 2009;14(3):278-283. [View abstract.](#) **55495**
- Wu, X., Liu, L., Zhang, M., Wu, D., Wang, Y., Sun, Y., Fawcett, J. P., Gu, J., and Zhang, J. Simultaneous analysis of isomers of escin saponins in human plasma by liquid chromatography-tandem mass spectrometry: application to a pharmacokinetic study after oral administration. *J.Chromatogr.B Analyt.Technol.Biomed.Life Sci.* 4-1-2010;878(11-12):861-867. [View abstract.](#) **55496**
- Snow, A., Halpenny, D., McNeill, G., and Torreggiani, W. C. Life-threatening rupture of a renal angiomyolipoma in a patient taking over-the-counter horse chestnut seed extract. *J Emerg.Med* 2012;43(6):e401-e403. [View abstract.](#) **55497**
- Soukand, R. and Kalle, R. Change in medical plant use in Estonian ethnomedicine: a historical comparison between 1888 and 1994. *J.Ethnopharmacol.* 5-17-2011;135(2):251-260. [View abstract.](#)

- 55498**
- Chen, W. T. and Suk, F. M. Abdominal pain after consuming a chestnut. Diagnosis: Chestnut bezoar in the jejunum. *Gastroenterology* 2011;140(7):e9-10. [View abstract.](#)
- 55499**
- Luzzi, R., Feragalli, B., Belcaro, G., Cesarone, M. R., Cornelli, U., Dugall, M., and Hosoi, M. Aescin: microcirculatory activity. Effects of accessory components on clinical and microcirculatory efficacy. *Panminerva Med.* 2011;53(3 Suppl 1):51-55. [View abstract.](#)
- 55500**
- Wang, G. J. and Liu, J. [Clinical randomized controlled trial on ultrashort wave and magnetic therapy for the treatment of early stage distal radius fractures]. *Zhongguo Gu.Shang* 2012;25(7):572-575. [View abstract.](#)
- 55501**
- Pittler, M. H. and Ernst, E. Horse chestnut seed extract for chronic venous insufficiency. *Cochrane.Database.Syst.Rev.* 2012;11:CD003230. [View abstract.](#)
- 55502**
- Friederich, H. C., Vogelsberg, H., and Neiss, A. [Evaluation of internally effective venous drugs]. *Z.Hautkr.* 6-1-1978;53(11):369-374. [View abstract.](#)
- 55503**
- Grob, P. J., Muller-Schoop, J. W., Hacki, M. A., and Joller-Jemelka, H. I. Drug-induced pseudolupus. *Lancet* 7-26-1975;2(7926):144-148. [View abstract.](#)
- 55504**
- Horacek, J. [Experience with horse chestnut containing medium in the treatment of varicose leg ulcers]. *Z.Haut.Geschlechtskr.* 9-15-1969;44(18):743-746. [View abstract.](#)
- 55505**
- Ehringer, H. [On the vein tonicising principle of horse chestnut extract. Effect of pure horse chestnut extract and aescin on the venous capacity, venous tonus and circulation of the extremities]. *Med Welt.* 8-24-1968;33:1781-1785. [View abstract.](#)
- 55506**
- Longiave, D., Omini, C., Nicosia, S., and Berti, F. The mode of action of aescin on isolated veins: relationship with PGF2 alpha. *Pharmacol.Res Commun.* 1978;10(2):145-152. [View abstract.](#)
- 55507**
- Williams, M. C. and Olsen, J. D. Toxicity of seeds of three *Aesculus* spp to chicks and hamsters. *Am J Vet.Res* 1984;45(3):539-542. [View abstract.](#)
- 55508**
- Kreysel, H. W., Nissen, H. P., and Enghofer, E. A possible role of lysosomal enzymes in the pathogenesis of varicosis and the reduction in their serum activity by Venostasin. *Vasa* 1983;12(4):377-382. [View abstract.](#)
- 55509**
- Schuff-Werner, P. and Berg, P. A. [Immune reactions in pseudo-lupus-syndrome. A long-term study (author's transl)]. *Klin.Wochenschr.* 9-15-1980;58(18):935-941. [View abstract.](#)
- 55510**
- Walli, F., Grob, P. J., and Muller-Schoop, J. [Pseudo-(venocuran-)lupus--a minor episode in the history of medicine]. *Schweiz.Med Wochenschr.* 9-19-1981;111(38):1398-1405. [View abstract.](#)
- 55511**
- Schrader, E., Schwankl, W., Sieder, C., and Christoffel, V. [Comparison of the bioavailability of beta-aescin after single oral administration of two different drug formulations containing an extract of horse-chestnut seeds]. *Pharmazie* 1995;50(9):623-627. [View abstract.](#)
- 55512**
- Masaki, H., Sakaki, S., Atsumi, T., and Sakurai, H. Active-oxygen scavenging activity of plant extracts. *Biol Pharm Bull.* 1995;18(1):162-166. [View abstract.](#)
- 55513**
- Guillaume, M. and Padioleau, F. Veinotonic effect, vascular protection, antiinflammatory and free radical scavenging properties of horse chestnut extract. *Arzneimittelforschung* 1994;44(1):25-35. [View abstract.](#)
- 55514**

- Neiss, A. and Bohm, C. [Demonstration of the effectiveness of the horse-chestnut-seed extract in the varicose syndrome complex]. *MMW.Munch.Med Wochenschr* 2-13-1976;118(7):213-216. [View abstract](#). **55515**
- Calabrese, C. and Preston, P. Report of the results of a double-blind, randomized, single-dose trial of a topical 2% escin gel versus placebo in the acute treatment of experimentally-induced hematoma in volunteers. *Planta Med.* 1993;59(5):394-397. [View abstract](#). **55516**
- Endl, J. and Auinger, W. [Early detection of postoperative deep-vein thrombosis in gynaecological patients by the 125I-Fibrinogen test (author's transl)]. *Wien.Klin.Wochenschr.* 4-29-1977;89(9):304-307. [View abstract](#). **55517**
- Vayssairat, M., Debure, C., Maurel, A., and Gaitz, J. P. Horse-chestnut seed extract for chronic venous insufficiency. *Lancet* 4-27-1996;347(9009):1182. [View abstract](#). **55518**
- De Smet, P. A., Van den Eertwegh, A. J., Lesterhuis, W., and Stricker, B. H. Hepatotoxicity associated with herbal tablets. *BMJ* 7-13-1996;313(7049):92. [View abstract](#). **55519**
- Jadad, A. R., Moore, R. A., Carroll, D., Jenkinson, C., Reynolds, D. J., Gavaghan, D. J., and McQuay, H. J. Assessing the quality of reports of randomized clinical trials: is blinding necessary? *Control Clin.Trials* 1996;17(1):1-12. [View abstract](#). **55520**
- Rehn, D., Unkauf, M., Klein, P., Jost, V., and Lucker, P. W. Comparative clinical efficacy and tolerability of oxerutins and horse chestnut extract in patients with chronic venous insufficiency. *Arzneimittelforschung* 1996;46(5):483-487. [View abstract](#). **55521**
- Matsuda, H., Li, Y., Murakami, T., Ninomiya, K., Yamahara, J., and Yoshikawa, M. Effects of escins Ia, Ib, IIa, and IIb from horse chestnut, the seeds of *Aesculus hippocastanum* L., on acute inflammation in animals. *Biol Pharm Bull.* 1997;20(10):1092-1095. [View abstract](#). **55522**
- Lange, S., Freitag, G., and Trampisch, H. J. Practical experience with the design and analysis of a three-armed equivalence study. *Eur.J Clin Pharmacol.* 1998;54(7):535-540. [View abstract](#). **55523**
- Yoshikawa, M., Murakami, T., Yamahara, J., and Matsuda, H. Bioactive saponins and glycosides. XII. Horse chestnut. (2): Structures of escins IIIb, IV, V, and VI and isoescins Ia, Ib, and V, acylated polyhydroxyoleanene triterpene oligoglycosides, from the seeds of horse chestnut tree (*Aesculus hippocastanum* L., Hippocastanaceae). *Chem Pharm Bull.(Tokyo)* 1998;46(11):1764-1769. [View abstract](#). **55524**
- Klose P and Pistor K. Posttraumatisches Nierenversagen bei 2 Kindern nach beta-aescintherapie. *Munch Med Wschr* 1976;719-720. **55525**
- Grasso A and Covaglia E. Two cases of suspected toxic tubulonephrosis due to escine. *Gass Med Ital* 1976;135:581-584. **55526**
- Rudofsky G and et al. Odemprotektive Wirkung und klinische Wirksamkeit von rokastaniensamenextrakt im doppelblindversuch. *Phleb Prokto* 1986;15(2):47-54. **55527**
- Kalbfleisch W and Pfalzgraf H. Odemprotektiva: aquipotente Dosierung: rokastaniensamenextrakt und O -beta- hydroxyethylrutoside im Vergleich. *Therapiewoche* 1989;39:3703-3707. **55528**
- Hardin, J. Human Poisoning from Native and Cultivated Plants. Durham, NC: Duke University Press;1974. **55529**
- Steiner M. Untersuchungen zur odemvermindernden und odemprotektiven Wirkung von rokastaniensamenextrakt. *Phlebol Prokto* 1990;19:239-242.

- 55530**
- Matsuda H, Yuhao, L, Murakami T, and et al. Antiinflammatory effects of escins Ia, Ib, IIa, and IIb from horse chestnut, the seeds of *Aesculus Hippocastanum* L. *Bioorganic Med Chem Lett* 1997;7(13):1611-1616.
- 55531**
- Tiffany N, Ulbricht C, Bent S, and et al. Horse chestnut: a multidisciplinary clinical review. *Journal of Herbal Pharmacotherapy* 2002;2(1):71-85.
- 55532**
- Pittler MH and Ernst E. Efficacy of horse chestnut seed extract for chronic venous insufficiency: a systematic review of randomized trials [abstract]. *Altern Ther Health Med* 2001;7(3):108.
- 55533**
- Alter, H. Zur medikamentösen therapie der varikosis. *Z Allg Med* 1973;49(17):1301-1304.
- 55534**
- Erdlen F. Klinische wirksamkeit von Venostasin retard im Doppelblindversuch. *Med Welt* 1989;40:994-996.
- 55535**
- Erler M. Rokastaniensamenextrakt bei der therapie peripherer venoser odeme: ein klinischer therapievergleich. *Med Welt* 1991;42(7):593-596.
- 55536**
- Lohr E, Garanin P, Jesau P, and et al. [Anti-edemic therapy in chronic venous insufficiency with tendency to formation of edema]. *Munch.Med Wochenschr* 1986;128(34):579-581.
- 55537**
- Pilz E. Oedemas in venous disease [Ödeme bei Venenerkrankungen]. *Med Welt* 1990;41(12):1143-1144.
- 55538**
- Cloarec M. Study on the effect of a new vasoprotective Venostasin administered over a period of 2 months in chronic venous insufficiency of the lower limb (data from 1992). Unpublished. 1992;1.
- 55539**
- Diehm C, Schmidt C. Venostasin retard gegen Plazebo und Kompression bei Patienten mit CVI II/IIIA. Final Study Report. *BMC Cardiovascular Disorders* 2001;1:5.
- 55540**
- Morales Paris CA and Barros Soares RM. Efficacy and safety on use of dried horse chestnut extract in the treatment of chronic venous insufficiency of the limbs. *Revista Brasileira de Medicina* 1993;50(11):1563-1565.
- 55541**
- Steiner M and Hilemanns HG. Tests for anti-oedema action of a venous therapy [Untersuchung zur oedemprotektiven Wirkung eines Venentherapeutikums]. *MMW.Munch.Med Wochenschr* 1986;128(31):551-552.
- 55542**
- Steiner M and Hillemanns HG. Venostatin retard in the management of venous problems during pregnancy. *Phlebology* 1990;5(1):41-44.
- 55543**
- Simini B. Horse-chestnut seed extract for chronic venous insufficiency. *Lancet* 1996;337(9009):1182-1183.