

Citations

1. Wichtl M. Hippocastani cortex. In: Bisset NG, ed. Herbal Drugs and Phytopharmaceuticals. Boca Raton, Fla: CRC Press; 1994:268-270.
2. Wichtl M. Hippocastani folium. In: Bisset NG, ed. Herbal Drugs and Phytopharmaceuticals. Boca Raton, Fla: CRC Press; 1994:271-272.
3. Weiss R. Herbal Medicine. Meuss A, Translator. 6th ed. Beaconsfield, UK: Beaconsfield Publishers Ltd; 1988.
4. Blumenthal M, Busse W, Goldberg A et al. The Complete German Commission E Monographs. Austin, Texas: American Botanical Council: Integrative Medicine Communications; 1998.
5. WHO. Semen Hippocastani. WHO Monographs on Selected Medicinal Plants. 2 vol. Geneva: World Health Organization; 2002:137-148.
6. ESCOP. Hippocastani Semen. ESCOP Monographs: the Scientific Foundation for Herbal Medicinal Products. 2nd ed. Exeter, UK: European Scientific Cooperative on Phytotherapy and Thieme; 2003:248-256.
7. McKenna D, Jones K, Hughes K, Humphrey S. Horse chestnut. Botanical Medicines. 2nd ed. Binghamton, NY: Haworth Press; 2002:677-694.
8. Pittler MH, Ernst E. Horse chestnut seed extract for chronic venous insufficiency. Cochrane Database Syst Rev 2006;CD003230.
9. Bombardelli E, Morazzoni P, Griffini A. Aesculus hippocastanum L. Fitoterapia 1996;67:483-511.
10. Sirtori CR. Aescin: pharmacology, pharmacokinetics and therapeutic profile. Pharmacol Res 2001;44:183-193.
11. Pittler MH, Ernst E. Horse-chestnut seed extract for chronic venous insufficiency: a criteria-based systematic review. Arch Dermatol 1998;134:1356-1360.
12. Preziosi P, Manca P. [Research on the corticomimetic activity of escin]. Boll Soc Ital Biol Sper 1964;40 Suppl:1940-1943.
13. Mills S, Bone K. Principles and Practice of Phytotherapy. Edinburgh: Churchill Livingstone; 2000.
14. Put TR. [Advances in the conservative treatment of acute traumatic cerebral edema: controlled clinical trial with follow-up examination (author's translation)]. Munch Med Wochenschr 1979;121:1019-1022.
15. Heppner F, Ascher WP, Argyropoulos G. [Current observations on the effect of aescin in neurosurgery]. Wien Med Wochenschr 1967;117:706-709.
16. Xiao G-m, Wei J. Effects of beta-aescin on the expression of nuclear factor-kappa B and tumor necrosis factor-alpha after traumatic brain injury in rats. J Zhejiang Univ Sci B 2005;6:28-32.
17. Kunz K, Lorkowski G, Petersen G et al. Bioavailability of escin after administration of two oral formulations containing Aesculus extract. Arzneimittelforschung 1998;48:822-825.
18. Loew D, Schrodter A, Schwankl W, Marz RW. Measurement of the bioavailability of aescin-containing extracts. Methods Find Exp Clin Pharmacol 2000;22:537-542.
19. Schrader E, Schwankl W, Sieder C, 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;50:623-627.
20. Rothhaar J, Thiel W. [Percutaneous gel therapy of blunt athletic injuries]. Med Welt 1982;33:1006-1010.
21. Crielaard JM, Franchimont P. [Value of using Reparil gel in sports traumatology]. Acta Belg Med Phys 1986;9:287-298.
22. Arslanagic I, Brkic N. [Personal experience in the treatment of acute sports injuries with Essaven gel]. Med Arh 1982;36:205-208.
23. Zuinen C. [Tolerance for and efficacy of the gel 1328 AN in sports injuries]. Rev Med Liege 1976;31:169-174.
24. Rocco P. [Evaluation of the effectiveness of treatment with phlebotropic drugs, using dynamic telethermography]. Minerva Med 1980;71:2071-2078.
25. Tozzi E, Scatena M, Castellacci E. [Anti-inflammatory local frigidotherapy with a combination of escin, heparin and polyunsaturated phosphatidylcholine (EPL)]. Clin Ter 1981;98:517-524.
26. Wojcicki J, Samochowiec L, Lawczynski L, Dabrowski Z. Local treatment of thrombophlebitis with Essaven gel. Arch Immunol Ther Exp (Warsz) 1976;24:807-810.
27. Tolino A. [Medical treatment of the anorectal varicose syndrome in gynecology and obstetrics]. Minerva Ginecol 1979;31:169-174.
28. Malin L, Pollinzi V. [Therapeutic activity of a new topical preparation in ano-rectal varicose pathology]. G Clin Med 1978;59:521-529.
29. Nappi R. [A new non-corticoid preparation with an escin base in topical treatment of the ano-rectal varicose syndrome]. Clin Ter 1978;86:219-228.
30. Bertrand GL. [Experimental study of beta-aescine (1) gel in oral and periodontal surgery]. Rev Odontostomatol Midi Fr 1981;39:211-216.

31. Calabrese C, 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;59:394-397.
32. Incandela L, De Sanctis MT, Cesarone MR et al. Treatment of superficial vein thrombosis: clinical evaluation of Essaven gel—a placebo-controlled, 8-week, randomized study. *Angiology* 2001;52 Suppl 3:S69-72.
33. De Sanctis MT, Cesarone MR, Incandela L et al. Treatment of superficial vein thrombophlebitis of the arm with Essaven gel—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S63-67.
34. De Sanctis MT, Cesarone MR, Incandela L et al. Treatment of superficial vein thrombosis with standardized application of Essaven gel—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S57-62.
35. Incandela L, Belcaro G, Nicolaidis AN et al. Microcirculation after standardized application of Essaven gel on normal skin—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S5-10.
36. De Sanctis MT, Cesarone MR, Incandela L et al. Four-week treatment with Essaven gel in diabetic microangiopathy—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S49-55.
37. Cesarone MR, Incandela L, Belcaro G et al. Two-week topical treatment with Essaven gel in patients with diabetic microangiopathy—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S43-48.
38. Incandela L, Belcaro G, Cesarone MR et al. Microvascular alterations in diabetic microangiopathy: topical treatment with Essaven gel—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S35-41.
39. De Sanctis MT, Incandela L, Belcaro G, Cesarone MR. Topical treatment of venous microangiopathy in patients with venous ulceration with Essaven gel—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S29-34.
40. Incandela L, Belcaro G, Cesarone MR et al. Changes in microcirculation in venous ulcers with Essaven gel—a pilot, cross-over, placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S23-27.
41. Incandela L, Belcaro G, Cesarone MR et al. Microangiopathy and venous ulceration: topical treatment with Essaven gel—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S17-21.
42. Cesarone MR, De Sanctis MT, Incandela L et al. Microvascular changes in venous hypertension due to varicose veins after standardized application of Essaven gel—a placebo-controlled, randomized study. *Angiology* 2001;52 Suppl 3:S11-16.
43. Belcaro G, Nicolaidis AN, Geroulakos G et al. Essaven gel—review of experimental and clinical data. *Angiology* 2001;52 Suppl 3:S1-4.
44. Saenko VF, Sukharev, II, Viktorov AP, Goloopykho LI. [Experience with the clinical use of Essaven gel in treating venous diseases]. *Klin Khir* 1996;13-14.
45. Wilhelm K, Feldmeier C. [Thermometric investigations about the efficacy of beta-escin to reduce postoperative edema (author's translation)]. *Med Klin* 1977;72:128-134.
46. Voigt E, Junger H. [Acute posttraumatic renal failure following therapy with antibiotics and beta-aescin (author's translation)]. *Anaesthesist* 1978;27:81-83.
47. Grasso A, Corvaglia E. [Two cases of a suspected toxic tubulonephrosis due to escine]. *Gazzetta Medica Italiana* 1976;135:581-584.
48. Yoshikawa M, Harada E, Murakami T et al. Escins Ia, Ib, IIa, IIb, and IIIa, bioactive triterpene oligoglycosides from the seeds of *Aesculus hippocastanum* L.: their inhibitory effects on ethanol absorption and hypoglycemic activity on glucose tolerance test. *Chem Pharm Bull (Tokyo)* 1994;42:1357-1359.
49. Matsuda H, Murakami T, Li Y et al. Mode of action of escins Ia and IIa and E,Z-senegin II on glucose absorption in gastrointestinal tract. *Bioorg Med Chem* 1998;6:1019-1023.
50. Harkness R, Bratman S. *Mosby's Handbook of Drug-Herb and Drug-Supplement Interactions*. St Louis: Mosby; 2003.
51. Sekiya K, Okuda H, Arichi S. Selective inhibition of platelet lipoxigenase by esculetin. *Biochim Biophys Acta* 1982;713:68-72.