

เอกสารอ้างอิง : 38(4)_ประโยชน์ในการรักษาแผลของเทียนกิ่ง

1. ราชันย์ ภูมา, สมราน สุดดี, บรรณาธิการ. ชื่อพรรณไม้แห่งประเทศไทย เต็ม สมิตินันท์ ฉบับแก้ไขเพิ่มเติม พ.ศ. 2557. กรุงเทพฯ: สำนักงานหอพรรณไม้ สำนักวิจัยการอนุรักษ์ป่าไม้และพันธุ์พืช กรมอุทยานแห่งชาติ สัตว์ป่า และพันธุ์พืช; 2557.
2. Lemmens RHMJ, Wulijarni-Soetjipto N, eds. Plant Resources of South-East Asia No 3: Dye and Tannin-producing Plants. Wageningen: Pudoc, 1991.
3. Quisumbing E. Medicinal Plants of the Philippines. Quezon City: JMC Press, Inc., 1978: 1262pp.
4. เพียว เหมือนวงษ์ญาติ. ตำราวิทยาศาสตร์สมุนไพร. กรุงเทพฯ: บริษัท เมดิคัลมีเดีย จำกัด, 2521:122 หน้า.
5. พร้อมจิต ศรีลัมพ์, รุ่งระวี เต็มศิริฤกษ์กุล, วงศ์สถิตย์ ฉั่วกุล และคณะ. สมุนไพรสวนสิริรุกขชาติ. กรุงเทพฯ: บริษัท อมรินทร์พริ้นติ้งกรุ๊ป จำกัด, 2535:257 หน้า.
6. Semwal RB, Semwal DK, Combrinck S, Cartwright-Jones C, Viljoen A. *Lawsonia inermis* L. (Henna): Ethnobotanical, phytochemical and pharmacological aspects. J Ethnopharmacol. 2014;155:80-103.
7. Sharma RK, Goel A, Bhatia AK. *Lawsonia inermis* Linn: a plant with cosmetic and medical benefits. Int J Appl Sci Biotechnol. 2016;4(1):15-20.
8. Ponugoti M. A pharmacological and toxicological review of *Lawsonia inermis*. Int J Pharm Sci Res. 2018;9(3):902-15.
9. Ali BH, Bashir AK, Tanira MOM. Anti-inflammatory, antipyretic, and analgesic effects of *Lawsonia inermis* L. (Henna) in rats. Pharmacology. 1995;51:356-63.
10. Yang CS, Chen JJ, Huang HC, Huang GJ, Wang SY, Sung PJ, et al. New benzenoid derivatives and other constituents from *Lawsonia inermis* with inhibitory activity against NO production. Molecules. 2017;22,936. doi: 10.3390/molecules 22060936.
11. Oda Y, Nakashima S, Kondo E, Nakamura S, Yano M, Kubota C, et al. Comparison of lawsone contents among *Lawsonia inermis* plant parts and neurite outgrowth accelerators from branches. J Nat Med. 2018;72:890-6.
12. Othman MR, Othman R, Ismail AA, Hazni H, Ahmad K, Razzak MA, et al. High-performance liquid chromatography quadrupole time-of-flight mass spectrometry (HPLC-QTOFMS) analysis on the ethanol:water (80:20) extract of *Lawsonia inermis* leaves. Sains Malaysiana. 2020;49(7):1597-613.
13. Yang CS, Chen JJ, Huang HC, Huang GJ, Wang SY, Chao LK, et al. New flavone and eudesmane derivatives from *Lawsonia inermis* and their inhibitory activity against NO production. Phytochem Lett. 2017;21:123-7.
14. Liou JR, El-Shazly M, Du YC, Tseng CN, Hwang TL, Chuang YL, et al. 1,5-Diphenylpent-3-en-1-ynes and methyl naphthalene carboxylates from *Lawsonia inermis* and their anti-inflammatory activity. Phytochemistry. 2013;88:67-73,

15. Elansary HO, Szopa A, Kubica P, Ekiert H, Al-Mana FA, Al-Yafarsi MA. Antioxidant and biological activities of *Acacia saligna* and *Lawsonia inermis* natural populations. *Plants*. 2020;9,908. doi: 10.3390/plants9070908.
16. Dhaouadi K, Meliti W, Dallali S, Belkhir M, Ouerghemmi S, Sebei H, et al. Commercial *Lawsonia inermis* L. dried leaves and processed powder: Phytochemical composition, antioxidant, antibacterial, and allelopathic activities. *Ind Crops Prod*. 2015;77:544-52.
17. Kuo YH, Yang CS, Huang GJ. Anti-inflammatory chemical constituents from aerial part of *Lawsonia inermis* Linn. *Planta Med*. 2014;80:P2O69. doi: 10.1055/s-0034-1395059.
18. Alsulami AL, Gull M. Screening of antimicrobial potential and bioactive components of selected medicinal plants against infectious bacterial Isolates from leukemia patients. *J Exp Biol Agric Sci*. 2018;6(5):836-49.
19. Vijayaraj R, Sri Kumaran N. Protective effect of *Lawsonia inermis* Linn. on chronic inflammation in rats. *Int J Green Pharm*. 2018;12(3):S549-S554.
20. Rekik DM, Khedir SB, Daoud A, Moalla KK, Rebai T, Sahnoun Z. Wound healing effect of *Lawsonia inermis*. *Skin Pharmacol Physiol*. 2019;32:295-306.
21. เทียนกิ่ง. จุลสารข้อมูลสมุนไพร. 2531:6(1):3-11.
22. Rafiei Z, Mazaheri M, Eghbali-Babadi M, Yazdannik A. The effect of henna (*Lawsonia inermis*) on preventing the development of pressure ulcer grade one in Intensive Care Unit patients. *Int J Prev Med*. 2019;10:26.
23. Poursadra E, Anvari-Tafti M, Dehghani A, Eghbali-Babadi M, Rafiei Z. Comparing the effect of henna oil and olive oil on pressure ulcer grade one in intensive care units patients. *Adv Biomed Res*. 2019;8:68.
24. Hekmatpou D, Ahmadian F, Eghbali M, Farsaei S. Henna (*Lawsonia inermis*) as an inexpensive method to prevent decubitus ulcers in critical care units: a randomized clinical trial. *J Evid-Based Integr Med*. 2018;23:1-9.
25. Dorbati PN, Mahmoodi Z, Salehi K, Dolatian M, Mahmoodi A. The effects of Alpha[®] ointment (containing natural henna) and Betadine[®] solution on episiotomy healing in primiparous women: a randomized controlled trial. *Iran Red Crescent Med J*. 2018;20(3): e65902. doi: 10.5812/ircmj.65902.
26. Abedian Z, Nezhad MN, Asili J, Esmaeili H. An investigation into the effect of Alpha ointment (Fundermol) on perineal pain relief following episiotomy in nulliparous women. *J Midwifery Reprod Health*. 2018;6(1):1149-56.
27. Zibanejad S, Miraj S, Rafieian Kopaei M. Healing effect of *Quercus persica* and *Lawsonia inermis* ointment on episiotomy wounds in primiparous women. *J Res Med Sci*. 2020;25: 11.
28. Ansari M, Dehsara F, Mosalaei A, Omidvari Sh, Ahmadloo N, Mohammadianpanah M. Efficacy of topical Alpha ointment (containing natural henna) compared to topical

- hydrocortisone (1%) in the healing of radiation-induced dermatitis in patients with breast cancer: A randomized controlled clinical trial. *Iran J Med Sci.* 2013;38(4):293-300.
29. Yucel I, Guzin G. Topical henna for capecitabine induced hand-foot syndrome. *Invest New Drugs.* 2008;26:189-92.
 30. Ilyas S, Wasif K, Saif MW. Topical henna ameliorated capecitabine-induced hand-foot syndrome. *Cutan Ocul Toxicol.* 2014;33(3):253-5.
 31. Stavrinou M, Tsitsi T, Astras G, Paikousis L, Charalambous A. A randomised controlled feasibility trial to evaluate *Lawsonia inermis* (henna)'s effect on palmar-plantar erythrodysesthesia induced by capecitabine or pegylated liposomal doxorubicin. *Eur J Oncol Nurs.* 2021;51:101908. doi: 10.1016/j.ejon.2021.101908.
 32. Mohajerani R, Shahi F, Jafariazar Z, Afshar M. Efficacy of topical *Lawsonia inermis* L. (Henna) hydrogel in fluorouracil-induced hand-foot syndrome: a pilot randomized double-blind placebo-controlled clinical trial, *Cutan Ocul Toxicol.* 2021. doi: 10.1080/15569527.2021.1940194.
 33. Daryabeigi R, Heidari M, Hosseini SA, Omranifar M. Comparison of healing time of the 2nd degree burn wounds with two dressing methods of fundermol herbal ointment and 1% silver sulfadiazine cream. *Iran J Nurs Midwifery Res.* 2010;15(3):97-101.
 34. Mutluoglu M, Uzun G. Can henna prevent ulceration in diabetic feet at high risk? *Exp Diabetes Res.* 2009;107496. doi: 10.1155/2009/107496.
 35. Salih AM, Kakamad FH, Salih RQ, Hussein DA, Hassan HA, Mekail TM, et al. Effect of *Lawsonia inermis* (Henna) on wound healing in Sprague-Dawley rats: A pilot study. *Wound Med.* 2017;18:41-2.
 36. Djerrou Z, Mokhbi I, Hadeif KS, Boutobza N, Bouzeguine S, Brighet I, et al. Burn wound healing effect and hair growth promoting activity of *Lawsonia inermis* L. and honey in *Oryctolagus cuniculus* rabbits. *Online J Biol Sci.* 2016;16(2):82-9.
 37. Nayak BS, Isitor G, Davis EM, Pillai GK. The evidence based wound healing activity of *Lawsonia inermis* Linn. *Phytother Res.* 2007;21:827-31.
 38. Nithya V, Baskar A. A preclinical study on wound healing activity of *Lawsonia alba* Linn. *Res J Phytochem.* 2011;5(2):123-9.
 39. Towfik AI, Hamza ASS, Munahi AK. The effect of Henna (*Lawsonia inermis*) on the wound healing of local Arabian horses. *J Kerbala Univ.* 2015;13(1):78-91.
 40. Sakarkar DM, Sakarkar UM, Shrikhande VN, Vyas JV, Mandavgade S, Jaiswal SB, et al. Wound healing properties of Henna leaves. *Nat Prod Radiance.* 2004;3(6): 406-12.
 41. Yassine KA, Houari H, Mokhtar B, Karim A, Hadjer S, Imane B. A topical ointment formulation containing leaves' powder of *Lawsonia inermis* accelerate excision wound healing in Wistar rats. *Vet World.* 2020;13(7):1280-7.

42. Hosseini SV, Tanideh N, Kohanteb J, Ghodrati Z, Mehrabani D, Yarmohammadi H. Comparison between Alpha and silver sulfadiazine ointments in treatment of *Pseudomonas* infections in 3rd degree burns. *Int J Surg*. 2007;5:23-6.
43. Lari AR, Alaghebandan R. Silver sulphadiazine and fundermol in the topical treatment of burn wounds: an experimental comparative study in rats. *Arch Iran Med*. 2002;5(3):170-4.
44. Paydar S, Akrami M, Dehghanian A, Moghadam RA, Heidarpour M, Khoob AB, et al. A comparison of the effects of Alpha and medical-grade honey ointments on cutaneous wound healing in rats. *J Pharm*. 2016, article ID 9613908. doi: 10.1155/2016/9613908.
45. Dutta S, Pattnaik AK, Besra SE. Wound healing potential of methanolic extract and its active fraction of *Lawsonia alba* Lam. leaves formulated in to a topical gel. *World J Pharm Res*. 2016;5(2):1091-109.
46. Jridi M, Sellimi S, Lassoued KB, Beltaief S, Souissi N, Mora L, et al. Wound healing activity of cuttlefish gelatin gels and films enriched by henna (*Lawsonia inermis*) extract. *Colloids Surf A Physicochem Eng Asp*. 2017;512:71-9.
47. Deepthi V, Dixit R, Reddy KVB. Screening of wound healing activity of madayantika (*Lawsonia inermis* Linn.) in albino Wistar rats. *Int J Ayurveda Pharma Res*. 2018;6(10):9-14.
48. Hadisi Z, Nourmohammadi J, Nassiri SM. The antibacterial and anti-inflammatory investigation of *Lawsonia Inermis*-gelatin-starch nanofibrous dressing in burn wound. *Int J Biol Macromol*. 2018;107:2008-19.
49. Taweepraditpol S, U-dee V, Boonvisut S, Chuangsuwanich A, Pradniwat K. Wound healing activity of *Lawsonia inermis* Linn. in rat model. *J Med Assoc Thai*. 2017;100(suppl.3): S140-S144.
50. Tekin V, Muftuler FZB, Guldu OK, Kilcar AY, Medine EI, Yavuz M, et al. Biological affinity evaluation of *Lawsonia inermis* origin lawsone compound and its radioiodinated form via *in vitro* methods. *J Radioanal Nucl Chem*. 2015;303:701-8.
51. Khantamat O, Dukaew N, Karinchai J, Chewonarin T, Pitchakarn P, Temviriyankul P. Safety and bioactivity assessment of aqueous extract of Thai Henna (*Lawsonia inermis* Linn.) leaf. *J Toxicol Environ Health Part A*. 2021;84(7):298-312.
52. Mukhopadhyay N, Sampath V, Pai S, Babu UV, Lobo R. Evaluation of antiarthritic potential and phytochemical analysis of different fractions of selected medicinal plants. *Rasayan J Chem*. 2021;14(1):212-20.
53. Manivannan R, Aeganathan R. Analgesic activity of *Lawsonia inermis* leaves extract in Swiss albino mice. *Pharm Biol Eval*. 2016;3(3):360-5.
54. Imam H, Mahbub NU, Khan MF, Hana HK, Sarker MMR. Alpha amylase enzyme inhibitory and anti-inflammatory effect of *Lawsonia inermis*. *Pak J Biol Sci*. 2013. doi: 10.3923/pjbs.2013.1796.1800.

55. Nesa L, Munira S, Mollika S, Islam MM, Choin H, Chouduri AU, et al. Evaluation of analgesic, anti-inflammatory and CNS depressant activities of methanolic extract of *Lawsonia inermis* barks in mice. *Avicenna J Phytomed*. 2014;4(4):287-96.
56. Nigussie D, Davey G, Legesse BA, Fekadu A, Makonnen E. Antibacterial activity of methanol extracts of the leaves of three medicinal plants against selected bacteria isolated from wounds of lymphoedema patients. *BMC Complement Med Ther*. 2021;21:2. doi: 10.1186/s12906-020-03183-0.
57. Kumar KS, Kathireswari P. Biological synthesis of silver nanoparticles (Ag-NPS) by *Lawsonia inermis* (Henna) plant aqueous extract and its antimicrobial activity against human pathogens. *Int J Curr Microbiol App Sci*. 2016;5(3):926-37.
58. Hadeif KZ, Boufeldja W. Antimicrobial activity of *Lawsonia inermis* leaf extract collected from South of Algeria Touat (Adrar) and Tidikelt (In Salah). *J Plant Sci*. 2020;15(1):9-16.
59. Hindi NKK, Abdul-Husin IF, Jebur MH, Al-Mahdi ZKA, Kadhim AK. Evaluation of anti-bacterial activity of the aquatic henna leaves extract in Hilla City, an *in vitro* study, Iraq. *J Chem Pharm Sci*. 2017;10(1):162-5.
60. Yusuf M. Phytochemical analysis and antibacterial studies of *Lawsonia inermis* leaves extract. *J Chem Pharm Res*. 2016;8(3):571-5.
61. Kaur M, Dangi CBS, Singhai A, Singh M, Kosta S, Singh H, et al. Toxicity profile of ethanolic extract of *Lawsonia inermis* leaves in albino Wistar rats. *World J Pharm Pharm Sci*. 2014;3(5):835-48.
62. Nuha Agabna ME, Sania Shaddad AI, Mudathir AK. Safety of *Lawsonia inermis* ethanolic seeds extract. *J Pharm Biomed Sci*. 2014;04(43):303-9.
63. Bharath EN, Manjula SN, Bhavimani G, Mruthunjaya K. *In-vitro* and *in-vivo* efficacy of root extract of *Lawsonia inermis* against Inflammatory paradigm. *Int J Pharm Sci Res*. 2019;10(2):619-24.
64. Khine YY. Acute kidney injury following ingestion of henna leaf extract: a case report from Myanmar. *Blood Purif*. 2017;44(suppl.1):41-5.
65. Raupp P, Hassan JA, Varughese M, Kristiansson B. Henna causes life threatening haemolysis in glucose-6-phosphate dehydrogenase deficiency. *Arch Dis Child*. 2001; 85:411-2.
66. Kok AN, Ertekin MV, Ertekin V, Avci B. Henna (*Lawsonia inermis* Linn.) induced haemolytic anaemia in siblings. *Int J Clin Pract*. 2004;58(5):530-2.
67. Syeyedzadeh A, Hemmati M, Gheiny S. Henna-induced severe haemolysis: In glucose 6-phosphate dehydrogenase deficiency. *Pak J Med Sci*. 2007;23(1):119-21.
68. Kheir A, Gaber I, Gafer S, Ahmed W. Life-threatening haemolysis induced by henna in a Sudanese child with glucose-6-phosphate dehydrogenase deficiency. *East Mediterr Health J*. 2017;23(1):28-30.
69. Lee SWH, Lai NM, Chaiyakunapruk N, Chong DWK. Adverse effects of herbal or dietary supplements in G6PD deficiency: a systematic review. *Br J Clin Pharmacol*. 2017;83:172-9.

70. Alhazmi AA, Hamedhi FI, Alaksham HM, Mubarak MA, Hattan M, Mady AM, et al. Henna-induced haemolysis in an un-diagnosed G6PD deficient Arabian baby-case report. *J Clin Med Genomics*. 2018;6:2. doi: 10.4172/2472-128X.1000154.