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Effects of *Quercus infectoria* cream on chronic anal fissure pain, wound healing and hemorrhaging upon defecation

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Quercus *infectoria* or gall oak or Aleppo oak is a medicinal plant that promotes wound healing in burn injuries, treatment for chronic diarrhea, treatment of intestinal ulcer and wound healing and localized blood clotting. A prospective clinical trial was conducted to evaluate the effects of a topical cream containing 0.5% Aleppo oak oil in the treatment of chronic anal fissures, in patients who were not treated with common anti-fissure creams. The Aleppo oak cream was applied by the patients to the wound site 3 times per day for 6 weeks following the instructions of a physician. The pain was assessed with a visual analog scale before treatment and at the end of each week of treatment. Wound healing and the amount and severity of bleeding were examined and evaluated before and at the end of each week of treatment. There were statistically significant differences in chronic anal fissure pain, hemorrhaging upon defecation and wound healing before and at the end of the first week of treatment also in comparison with control group ($p < 0.0001$). In this study, a topical cream containing Aleppo oak oil was an effective treatment for chronic anal fissures. This is a promising result indicating that further comparative studies are justified.

Biography

Mahjoubi Bahar is a 54 years old Colorectal Surgeon at Rasoul-e-Akram hospital, Tehran, Iran, where she trains General Surgery students as an Associate professor of Iran University of Medical Sciences since 2000. She has more than 26 publications in International journals as well as more than 45 lectures in difference conferences all over the world. She is also one the authors of Pelvic Floor Disorders in English published in 2007. Some of her educational courses are as follow: Stem cell therapy for fecal incontinence, pelvic floor defect, Colon and rectal surgery, Abdominal approach for conditions such as Colon cancer, Rectal cancer, Polyp, FAP, Ulcerative Colitis, Prolapse, Pouch, Diverticulosis, Appendicostomy, Neoappendicostomy, Anorectal surgery; Hemorrhoids, Fissure, Complex Fistula, Solitary Rectal Ulcer, Prolapse, Incontinence, TEM, Retrorectal mass, Obstetric injuries, Rectocele, Sphincter repair, General Surgery, Abdominal, Trauma, Endoscopic Procedures Diagnostic & Therapeutic, Endoanal & Intrarectal Sonography.

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