
Posterbeitrag Themenkreis D: Qualitätsmanagement und Pflanzenanalytik

P 10 Scientific evaluation of medicinal plants used for the treatment of cervicitis (Qorohe- Rahem) in Iranian Traditional Medicine



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Abstract

Cervicitis is an inflammatory condition of the cervix associated with upper genital tract infection and reproductive complications. Therapy for cervicitis in conventional system is the use of antibiotics and antifungal therapies and surgical interventions, none of these treatments provides the definite efficacy in spite of high cost and side effect. So there is a need for alternate therapy which is safe, effective, easily available and free from side effects. Our study focuses on medicinal plants mentioned in main Iranian Traditional Medicine reference books.

Medicinal plants mentioned in Iranian Traditional Medicine for treatment of Cervicitis were elicited and searched in electronic databases including PubMed, Scopus, Science direct and Google Scholar to find studies that confirmed their efficacy. The findings included 311 plants (Which are mentioned below) belonging to 21 families, research findings showed that these plants that have mentioned in the Iranian Traditional Medicine resources can contribute to the recovery and treatment of cervicitis through anti- inflammatory, anti- oxidant, anti- bacterial and anti- fungal, wound healing and analgesic effects. Finding the medicinal plants effective on cervicitis based on ITM could suggest a better strategy for relieving and management cervicitis symptoms especially in recurrent or persistent condition. In following step effect of selected plants were investigated. Results are confirmed the effect of *Lawsonia inermis* on treating Cervicitis which is currently in progress (Zareshahi et al. 2018).

Key words: *Myrtus communis*, *Juniperus Sabina*, *Peucedanum officinale*, *Commiphora opobalsamum*, *Hyoscyamus sp.*, *Artemisia vulgaris*, *Polyporus officinalis*, *Lawsonia inermis*, *Trigonella foenum-graecum*, *Prangos ferulaceae*, *Apium graveolens*, *Malva sylvestris*, *Descurainia Sophia*, *Allium porrum*, *Boswellia carteri*, *Fraxinus excelsior*, *Plantago major*, *Phaseolus vulgaris*, *Pistacia lentiscus*, *Commiphora myrrha*, *Trachyspermum copticum*, *Narcissus tazetta*, *Verbena officinalis*, *Foeniculum vulgare*, *Cydonia oblonga*, *Anethum graveolens*, *Ficus carica*, *Rosa damascena*, *Crocus sativus*, *Aristolochia longa*, *Olea europaea*.

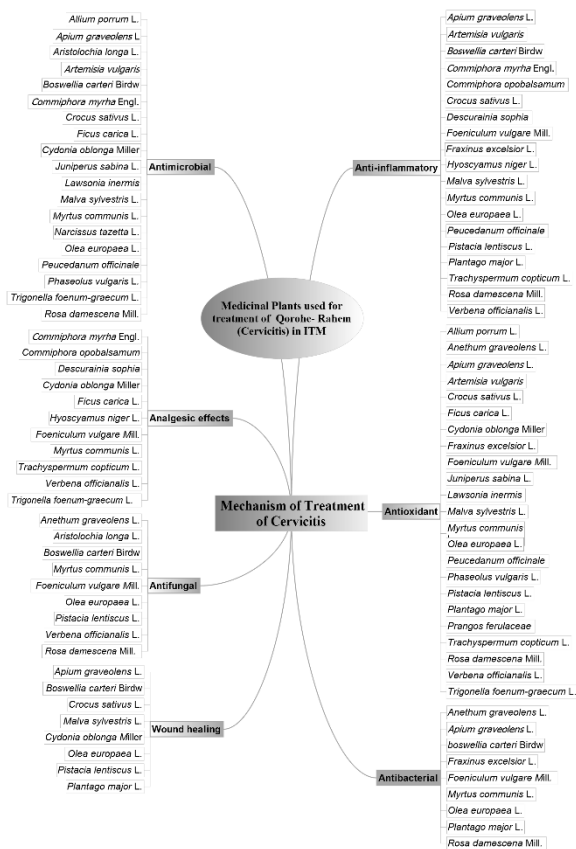
Introduction

Cervicitis is an inflammatory condition of the cervix associated with upper genital tract infection and reproductive complications (1). Therapy for cervicitis in conventional system is the use of antibiotics and antifungal therapies and surgical interventions, none of these treatments provides the definite efficacy in spite of high cost and side effect (2). So there is a need for alternate therapy

which is safe, effective, easily available and free from side effects. This review focuses on medicinal plants mentioned in main Iranian Traditional Medicine reference books.

Methods

In this study Medicinal herbs used for the treatment of Cervicitis were with keywords of Qoruh-e-Rahem or Qarhah searched and extracted from 7 main traditional medicine reference books and others from various historical eras during 10th-18th centuries including Canon of Medicine of Avicenna (3), *Liber Continent* of Rhazes, Tohfah-ol-Momenin by Hakim Momen Hussein (4), Storehouse of Medicaments and AghiliKhorasani (5), *Exir Azam* of Azam Khan (6), Zakhireh Kharazmshahi of Jorjani (7), and Sharh-ol- Asbab of Nafis-ibn- Evas-e Kermani (8). Medicinal herbs were categorized in Mofradat's (simple ingredient) and Qarabadin's (3), Then simple herb drugs were selected from extracted treatments.



Graph 1-Medicinal plants used for treatment of cervicitis in ITM

Results

The findings included 31 plants belonging to 21 families(graph1). Research findings showed that these plants have mentioned in the Iranian Traditional Medicine resources can contribute to the recovery and treatment of cervicitis through anti- inflammatory, anti- oxidant, anti- bacterial and anti- fungal, wound healing and analgesic effects.

Discussion

Finding the medicinal plants effective on cervicitis based on ITM could suggest a better strategy for relieving and management cervicitis symptoms especially in recurrent or persistent condition.

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Einleitung

Zervizitis ist eine entzündliche Erkrankung des Gebärmutterhalses, die mit Infektionen des oberen Genitaltrakts und reproduktiven Komplikationen einhergeht (1). Therapie für Zervizitis in konventionellen Systemen ist die Verwendung von Antibiotika und antimykotische Therapien und chirurgische Eingriffe, keine dieser Behandlungen bietet die endgültige Wirksamkeit trotz hoher Kosten und Nebenwirkungen (2). Daher besteht ein Bedarf für eine alternative Therapie, die sicher, wirksam, leicht verfügbar und frei von Nebenwirkungen ist. Diese Übersicht konzentriert sich auf Heilpflanzen, die in den wichtigsten Nachschlagewerken der Iranischen Traditionellen Medizin erwähnt werden.

Methoden

In dieser Studie wurden Heilkräuter zur Behandlung von Zervizitis mit Stichwörtern von Qoruh-e-Rahem oder Qarhah durchsucht und aus 7 Haupttraditionellen Medizin-Nachschlagewerken und anderen aus verschiedenen historischen Epochen im 10.-18. Jahrhundert, einschließlich des Kanons der Medizin, extrahiert Avicenna (3), Liber Continent von Rhazes, Tohfat-ol-Momenin von Hakim Momen Husseini (4), Lagerhaus von Medikamenten von Aghili Khorasani (5), Exir Azam von Azam Khan (6), Zakhireh Kharazmshahi von Jorjani (7), und Sharh-ol-Asbab von Nafis-ibn-Evas-e Kermani (8). Medizinische Kräuter wurden in Mofradat (einfache Zutat) und Qarabadin (3) kategorisiert. Dann wurden einfache Kräuterdrogen aus extrahierten Behandlungen ausgewählt.

Ergebnisse

Die Befunde umfassten 31 Pflanzen aus 21 Familien. Forschungsergebnisse zeigten, dass diese Pflanzen in der iranischen Traditionsmedizin erwähnt werden können, um durch entzündungshemmende, antioxidative, antibakterielle und anti-bakterielle Mittel zur Genesung und Behandlung von Zervizitis beizutragen. Pilz-, Wundheilungs- und analgetische Wirkungen.

Diskussion

Das Auffinden der auf Zervizitis beruhenden Heilpflanzen basierend auf ITM könnte eine bessere Strategie zur Linderung und Behandlung von Zervizitissymptomen vor allem in wiederkehrenden oder anhaltenden Zuständen nahelegen.

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