Journal of Pharmaceutical Sciences and Research

www.jpsr.pharmainfo.in

Oil extract for pumpkin seeds and its effectiveness on prostate congestion disease

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Abstract

In the present study, a well-effective drug was compared against chronic prostate congestion (psoriasis), as well as pumpkin oilseeds, which many ancient and modern studies have proven to be a treatment for chronic prostate congestion. The laboratory tests were carried out against bacterial species to identify and measurement their biological effect, to record the differences between them and to indicate the scientific benefits of the study and its importance to control diseases by observing them in the analysis apparatus By means of a device (IR) and knowledge of similar compounds with a common biological effect, and review the IR diagram for oil pumpkin and Levofloxacin drug, The laboratory tests were carried out against bacterial species (Proteus), (Pseudom.) to identify and measure with inhibiter area (mm) their biological effect, to record the differences between them and to indicate the scientific benefits of the study and its importance to control diseases by observing it's in the analysis apparatus By means of a device (IR) and knowledge of similar compounds with a common biological effect, An analysis of the infrared parameters showed similarities to the compounds peaks and active groups affecting both substances in this study. The peaks of the active groups were almost one. This explains why pumpkin seed oil was used as an old and important treatment for chronic prostate congestion.

INTRODUCTION

Pumpkin Oil seeds, many ancient and modern studies have proven to be a treatment for chronic prostate congestion. As well as Levofloxacin druga well-effective drug was compared against chronic prostate congestion (psoriasis). (1, 2)

Pumpkin uses as individual treatments or in combination with standard medicines have been used in various medical studies to treat various diseases. Pumpkin is one of the well-known edible plants and has great medicinal properties due to the presence of unique natural nutrients (1,3).

It contains many plant components that belong to the classes of alkaloids, flavonoids, palmitic acids, oleic and linoleic. (4)A variety of important medical characteristic including antidiabetic, anti-oxidant, anti-carcinogenic, anti-inflammatory and other have been documented well. The purpose of this study is to discuss various medical and biological capabilities of the pumpkin that can transmit further research developments with this plant in order to benefit human health. (5)

Pumpkin seed oil has long been considered as a component of its nutritional and medical value for the prevention of various diseases, especially for prostate diseases. In addition, many studies have suggested the essential and effective roles of pumpkin seed oil in the treatment of diabetes, anxiety and even cancer. (6,7)

Pumpkin seed oil is used in many countries all over the world including USA, Mexico, India and China.

These reviews focus on the categorization, characteristics and use of pumpkin seed oil of various pumpkin species against many diseases path physiologies. We strongly believe that this review will provide insights to chemists, biologists, herbalists and researchers on the roles of pumpkin seed oil extracts that have promising biological activities. (3, 4, 8)

Levofloxacin is a fluoroquinolone widely used for the treatment of acute urinary tract infections, acute erythema and renal inflammation.

A comprehensive review of medical literature identified five levofloxacin evaluation publications for the treatment of complex urinary tract infections, ureteral ureters, acute erythema and kidney inflammation.

All trials, although varied in their inclusion criteria and levofloxacin dosage strategies, reported microbiological, clinical and safety outcomes. (9, 10)

Structure of Levofloxacin [C18H20FN3O4]

Prostate disease is a chronic disease that affects men for many reasons, such as smoking, drinking, and special practices, where the prostate gland is of great interest in facilitating the transfer of sperm through the secretion of the carrier fluid to the penis. $^{(5,\,6,\,7)}$

Oil Pumpkin seeds have been considered important for nutritional and medical values to prevent many diseases, especially prostate cancer.

Several studies have also suggested an assessment of the effectiveness of pumpkin seed oil in treatment such as diabetes, anxiety and cancer.

Pumpkin seed oil is used in many countries all over the world including Arabic, USA, India and China. (6.7)

This review focuses on the properties, characteristics and benefits of pumpkin seed oil of various pumpkin species against many diseases path physiology.

This review will provide comprehensive insights to chemists, biologists and researchers on the ownership roles of the biological pathway to treat chronic prostatitis. .

As with various types of diseases, the treatment of chronic prostatitis depends on several approaches and varies according to the type and severity of inflammation. Know the types of chronic prostatitis treatment. (21)

First, antibiotics are prescribed to kill germs, especially those unfamiliar with them. When the inflammation is severe or chronic, the doctor describes antibiotics to fight the inflammation. Acute inflammation can last up to 6 weeks for antibiotics. (9) The duration of treatment for chronic prostatitis is more complicated and therefore requires more time (at least 6 weeks) and in many cases extends more depending on the patient's condition. (11, 12, 13)

Second, the doctor may initially resort to so-called alpha blockers, if the inflammation is chronic but not bacterial. Alpha blockers reduce inflation as well as facilitate urination. (14, 15)

Paracetamol is also necessary in many cases of prostate treatment prescribed by doctors. Sometimes, a new form of revolution in medicine - physical therapy (improved blood flow, acupuncture, prostate massage, pelvis) - may be adopted. This method, according to studies, contributes to pain relief to some extent, as well as commitment to the treatment of antibiotics and anti-inflammatory drugs. (17, 18)

Prostate inflammation is a condition of inflammation of the prostate gland due to a bacterial infection or as a result of other diseases and disorders. Chronic prostatitis is not known to be a common disease and affects a significant number of men. Although all men of all ages have chronic prostatitis, it is more prevalent among men between 30 and 50 years of age. (19, 20)

It is no secret that chronic prostatitis is a very difficult disease in terms of finding the right treatment (17)

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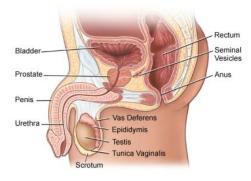
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Male Reproductive Tract



Figure; (1) Prostates' position in body

Normal Urine Flow Constricted Urine Flow

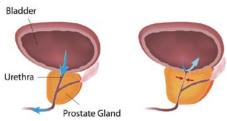


Figure (2)Cross section of the bladder, prostate and urinary tract

METHOD AND MATERIAL

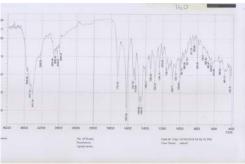
Pumpkin oil was obtained from the local pharmacy. The whole pumpkin was selected, which shows the uniformity of the raw material without any damage.

Three specific concentrations (250mg, 500mg, and 750mg) of levofloxacin dissolved in distilled water were prepared with the standard material as well as three concentrations of pumpkin oil (25%, 50%, and 75%) dissolved in ethanol with the standard material and then incubated for 24 hours, the biological changes will effects of both substances were examined and shown in the images tables listed. (13)

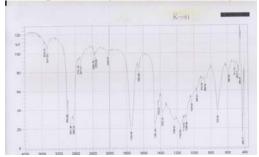
Table (1) Biological effects for pumpkin oil and levofloxacin bacterial inhibition

Ethanol Extraction(Oil Pumpkin)			Aqua's Extraction(Levoxyxcin)	
Sample no.	Proteus	Pseudom.	Proteus	Pseudom.
C			2 nm	1.5 nm
1	3.3 nm	15 nm	8 nm	15 nm
2	4,7 nm	15,6 nm	22 nm	19 nm
3	6.1 nm	16,4 nm		

The table shows the inhibitory distance of 96% of dissolved pumpkin oil at 25%, 50% and 75% dissolved in 100 ml of ethyl alcohol and biological effect against the bacteria causing prostate inflammation, as well as different concentrations of levofloxacin in 250 mg, 500 mg and 750 mg dissolved In 100 ml of distilled water.



Shape (1) IR diagram of levofloxacin drug



Shape (2) showing IR diagram of oil pumpkin

DISCUSSION

Results of IR analysis, for oil pumpkin seeds and levofloxacin that's indicates the similar of peaks for active groups that's Participate with two diagram especially at peaks (3600- 4000) groups of, (2800-1800) groups of, (1800-1400) groups of, (1000-400) groups of (C-H, N-H, O-H). (14, 15, 16) as shown in diagram (1 and 2)oil pumpkin seeds and levofloxacin drug This finding the compounds are actually play important role for treatments Prostate congestion, and the Biological efficiency against Bactria cause Prostate congestionIn certain concentrations as shown in the tables. The distance (16,4 nm)for Pseudom.bacteria is the highest effects of levofloxacin, were share to semi effects for booth substance and diagram in this study Confirms the similarity in the biological effect of both substances and there in the Prostate congestion. (20)

The concentration of gourd oil dissolved in ethyl alcohol has a progressive effect in bacterial inhibition of bacteria, which indicates the validity of the use of old as a natural medical treatment for prostatitis. Treatment of levofloxacin, the concentration effect 500 mg is the inhibitory stand the most healthy indication of the human body. (18, 19, 20)

CONCLUSIONS

From the above study we conclude that plants have a very versatile life style. Every part of the plant is serving as a boon for all living ones all over the universe. In the present minor review project, these 21 medicinal plants studied for the treatment of many diseases of human beings along with animals diseases such as stomach pain, constipation, piles, dysentery, jaundice, diabetes, fever, asthma, menstrual disorders, snake bite, skin diseases etc. These plant species include both wild and cultivated ones. Majority of the medicinal plants were herbs than shrubs trees and climbers respectively. And the part of the plants which used for

medicinal purpose was leaves, root, flower, bark, fruits, rhizome etc. Pumpkin oil seed proved through research and experience that it has clear therapeutic properties against prostate disease through its biological effect on the bacteria causing chronic prostate congestion (21,22), and recommend its use as an alternative to the chemicals of natural material effective when needed for treatment.

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