

ETHNOBOTANY OF THE *EUPHORBIA HIRTA***Dr. Teena Agarwal***

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DOI: 10.20959/wjpr20183-10957***Corresponding Author****Dr. Teena Agarwal**Assistant Professor, Banasthali
University, Niwai.**ABSTRACT**

Traditional medicines are the medicines which are developed by the folk peoples over the generations in the particular community, they are the resultants of the community experience over time, which they have gain from the generations. The folk medicines are easy to uses and they are cheap, they have the side less effects, in comparison to the chemical medicines which are hard and they have the large side effects. WHO also promotes the TM for the developing as well as the developed nations of the world .In this review article we are presenting

some of the aspects of the weed entitled as *the Euphorbia hirta* of the euphorbiaceous family. The weed is the prostrate plants with the alternate leaves and the typical euphorbia pattern of the inflorescences, the weed is the reservoirs of the many kinds of the metabolites of the medicinal values. Many peoples in the world have discussed about the phytochemistry as well as the pharmacology of the *Euphorbia hirta*.

KEYWORDS: Phytochemistry, *Euphorbia hirta*, Traditional medicines, Folk medicines, reservoirs.

INTRODUCTION

Traditional medicines are the medicines which are utilised by the generations for their previous experiences of the medicines. TM are the medicine which are the result of the experiences of the civilization of the plants and there metabolism for the various kinds of the significances. TM and the ACM are always been the interest of the civilizations forms the remote past. Form the time of the babuloins and the time of the Egypt they have been used for the treatment of the many kinds of the disorders in the various communities. The TM are easy to use and they cheap and long lasting in comparison to the chemical medicines, which are hard and they have the very negative effects on the health.

WHO states that in the country like the Asia and the Africa the 80 percent of the population still depend on the herbal medicines for the treatment of the diseases. Since these herbs are cheap and easy to use. WHO promotes the strategy for the effective development of the herbal medicines or the folk medicines.

In this review article we are presenting some of the aspects of the herb entitled as the *Euphorbia hirta* of the euphorbiaceous family.

The *Euphorbia* is the largest genus of the Euphorbiaceae family, overall the genus contains the about the 1600 species, the genus euphorbia contains the latex which is used for the treatment of the many kinds of the diseases. majority of the species of the *Euphorbia* have the latex which is always used by the tribal countries for the treatment of the many distress from time immemorial in the different civilization of the India.^[3]

The plants are distributed in all over the India and it is found all over the world, usually the weed can be found in the roadside places of the India as the prostrate weed. The weed generally grows at the time of the monsoon.^[3]

The plant is of the slender weed, the height of the weed is about the 40 cm, the plant is purple and the reddish colour, leaves are purple and the reddish colour, the leaves are the oblong and the obtuse, the leaves are the lanceolate, the margin are the dentate. The fruit and the flower are of the euphorbia type, the fruit also of the three celled and they have the organization similar to the euphorbian types off.^[3]

Ethno pharmacology of the weed: The ethnobotany of the weed has been investigated from various point of view, some of the common ethnobotanical uses of the plants are discussed as The weed is used as the treatment of the gastrointestinal disorders, these are follows as (dysentery, diarrhoea, intestinal parasitosis).^{[1][2]}

The weed is used as the treatment of the bronchial disorders and many kinds of the respiratory disorders.

It is also used for the females as the lactating agent; it is also used for the lactating purposes, it is also used as the intestinal parasite agent, peptic ulcers for the heart burns.^{[4][5][6]}

It is also used as the antiagent for the cough, cols, kidney, stones, menstrual cycles, they are also used in the skin and the mucous membrane diseases.

The plant is also used as the analgesic, for the treatment of the rheumatism and the fever; it is also used as the antidote for the snake bite and the scorpion bite.

Phytochemsitry of the plant: many peoples of the world have worked out the different aspects of the phytochemsitry of the *Euphorbia hirta*, they revealed the differ kinds of the metabolites of the medicinal values. some of the phytochemcial aspects of the *Euphorbia hirta* are enlisted as.

Phytochemical of the leaf of the *Euphorbia hirta*, revealed the presence f the following kinds of the metabolite, theses are enlisted as, they revered the presence of the sugars and the terpenoids, alkaloids, steroids, tannins, proteins, fats, oils, mucilage, glycosides, saponins, coumarins, glycosides, anthroquinones.^{[2][3][4][5]}


Pharmacological values: Many people's worked on different aspects of the pharmacology of the *Euhporbia hirta*, which belongs to the Euhporbiaceae family, they worked on the different mice, rats and the other rodents to knows the exact effects of the phytochemicals of the *Euphorbia hirta*, they traced out the many pharmacological aspects, some of the aspects are enlisted as.^{[3][4]}, Antimicrobial effects, antioxidant effects, central nervous system, anti inflammatory, Analgesic, antipyretic effects, antihistamine effects, anti diabetic effects, anticancer effects, gastrointestinal effects, wound healing effects, diuretic effects, platelets augmentation effects, antiparasitic effects.^{[5][6]}

In addition to that many other pharmacological effects of the *Euphorbia hirta* been worked out in detail.

CONCLUSION

well this is the Minireview of the *Euphorbia hirta* of the euphorbiaceae family, the weed is the prostrate plant which is found on the road side of the places, the plants is full of the useful metabolites of the medicinal significances and they have been utilised by the tribal communities for long for the treatment of them any kinds of the disorders. The plant need to be conserved and more and detailed pharmacological work are needed for the more understanding of the plant.

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