

Antimicrobial activity of various dosage forms of *Tridax procumbens*: A herbal drug

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Introduction: *Tridax procumbens* Linn. (*Tridax*) is a common weed found all over India. It is commonly known as PeetBhringraj, Jakhamjod, Kambarmodi, etc. It is traditionally being used from centuries for wound healing and haemostasis. It is also for the treatment of diarrhea, dysentery, bronchial catarrh, etc.

Hypothesis: *Tridax procumbens* Linn. (*Tridax*) is a traditionally being used in wound management. It is also known for its haemostatic action. As the antiseptic action of *Tridax* is observed traditionally, the hypothesis is that, *Tridax* has got some antimicrobial activity.

Objective: To evaluate antimicrobial activity of various ayurvedic dosage forms of *Tridax* such as swarasa, kwatha, taila, ghrita, kshara and solvent extracts against 11 pathogenic microbes, bacteria and fungi.

Materials and Methods: Above mentioned dosage forms of *Tridax* were tested for their antimicrobial activity against 11 common pathogenic microbes by culture and sensitivity method.

Results and Conclusion: The results were encouraging. Different dosage forms of *Tridax* exhibits good antimicrobial activity against many microbes. Some dosage forms have typical antimicrobial activity against some typical microbes. So the experimentation with different dosage forms has revealed the new dimension of antimicrobial activity of *Tridax*. The details of experiment and results will be discussed during the seminar.

Keywords: *Tridax procumbens*, antimicrobial, and dosage forms

Biography

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