

Role of Agadtantra in Modern Era

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Abstract

Agadtantra is the special branch of *Ayurveda* which deals with all types of poisons and their treatment. Poison is the any substance which acts deleteriously to the human body. From this definition we can compare various types of poisons and its diseases. Henceforth according to *Agadtantra* principles we can diagnose and treat many patients in modern era successfully. In this review article efforts made to evaluate various harmful poisons, diagnosis of poisoning and appropriate treatment guidelines as per *Agadtantra* in this modern era. It will definitely enhance the perspective towards agadtantra.

Keywords: Ayurveda, Agadtantra, Visha, poison, toxicology .

INTRODUCTION

Ayurveda is the ancient science and Agadtantra is a branch of Ayurveda, including in ashtangas. Agadtantra mainly focuses on poison, as Gada means poison or any other substance which is very harmful to our mind, soul as well as body, and Tantra is the science, so Agadtantra is a branch of Ayurveda dealing with poison, its diagnosis , signs and symptoms , and management.

In Ashtanga sangraha, among brihattraee, Agadtantra is called as Danshtra chikitsa. Danshtra meaning poisonous Teeth or fangs. In ancient times there are lots of forest everywhere, poisonous plants are in abundant quantity and also poisonous animals such as various types of poisonous snakes, spiders, scorpions, rats and poisonous insects are there and every day a Vaidya faces lots of patients suffering from these bites. So the role of Vishavaidya or Agadtantra expert had more need to treat such patients.

Now days, forests are diminished, not that much of poisonous plants nor poisonous animals are there, but still a role and the importance of Vishavaidya or Agadtantra expert is in high demand.

AIMS AND OBJECTIVES

1. To study various types of poisons in modern era.
2. Detailed study, correlation and management of poisoning cases from Agadtantra perspective.
3. To give direction for further study.

MATERIAL AND METHOD -

Conceptual references are collected from Charak Samhita, sushruta Samhita also collected from different Ayurveda classics. Research articles are also searched and all data critically analyzed for the discussion and attempt has been made to draw some fruitful conclusion.

REVIEW OF LITRATURE -

We can evaluate, diagnose and treat various types of poisoning cases in modern era according to Agadtan

tra concepts. Some examples are as follows ...

- uncontrolled use of insecticides
 - Heavy metals (like lead)
 - Preservatives
 - Environmental toxics
 - Long term & unnecessary use of allopathic drugs
1. **uncontrolled used of pesticides or insecticides: -**
 - Pesticides accumulate in adipose tissue as well as other tissue
 - Adverse impacts can include mutagenic damage to DNA, cancer, neurological reproductive and development toxicity or immune system damage.
 2. **Heavy metals: -**

Accumulation of arsenic: -

 - Arsenic compounds are well absorbed within 24 hours and redistributed in liver, spleen and lungs.
 - Where they bind to sulphidryl group of tissue protein.
 - Arsenic is also replacing phosphorus in the bone where it may remain for years.
 3. **Preservatives: -**
 - Cancer is one of the most harmful effects of preservatives on food items is their ability to transform into carcinogen agent.
 - Some of the preservatives which has nitrates and nitrites' which combine with gastric acid form cancer causing agent.
 4. **Environmental toxins: -**
 - Environmental toxins are chemical that disrupt the sensitive biological system of human body.
 - environmental toxins act as endocrine disrupts cause cancer and chronic illness.
 - In Sushrut Samhita Kalpastana the detail examination with treatment is given for environmental toxicology

Sign & Symptoms: -

- Indigestion
- Aversion of food
- Anorexia
- Eruption of circular patches
- Stupor (Mental confusion)
- Loss of essential constituents of the body
- Ascetic
- Vomiting
- Diarrhea
- Discoloration of skin

Others Complications: -

- Burning sensation
- Hiccough
- Edema
- Heart diseases

- **Abdominal enlargement**

these are some types of poisons and can be correlate with Gara visha, Dooshi Visha a unique concept in Agadtantra. we can successfully treat these patients according to Agadtantra concept.

Also in tobacco, alcohol, heroine, ganja, charasa, aphim , LSD, MDMR type of Drug addictive cases can be treated as described in Agadtantra .

Now a days new upcoming diseases like Covid 19, various types of Cancers and various life threatening fungal, bacterial, viral diseases are disturbing our society, causes mass destruction. But Agadtantra gives its proper guidelines and management strategies for these problems also.

CONCLUSION AND DISCUSSION –

The role of Agadtantra in modern era can be summaries as -

1. Identifying various types of poisons from natural and artificial source
2. Diagnosis of various types of poisoning
3. Developing various therapeutic strategies for their management.
4. Environmental pollution
5. Addictive substances and holistic approach towards Drug Addiction.
6. Food adulteration
7. Food poisoning
8. Sanyogaja visha,
9. viruddha ahara
10. View and treatment guideline for upcoming new diseases

Thus the Agadtantra plays a crucial role in Identifying and understanding various poisons and their effects. Addressing impact on environmental pollution.

Dealing with substance abuse and its adverse effects Treating new upcoming diseases and carcinogenic toxicities.

Thus restoring balance within body and prompting overall healthy body and soul.

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