



PP19

---

## ALCHEMY UNVEILED

**DR. RAMYA ANANDH, DR.ANJALI K.**

***DR. SUDHEER, DR. ARUN SIVASANKAR, KOZHIKODE DISTRICT CO-OPERATIVE HOSPITAL.***

Aim and objectives:

Aim- to establish the presence of heavy metal and toxic elixirs in unprescribed alternative medicines.

Objectives-

To analyse the toxic substances present in unprescribed medicines and to study their harmful effects in the body when consumed.

To restrict the use of unprescribed medicines in the community by raising social awareness and enlightenment on contaminants.

Methodology:

History, presentation, clinical examination, systemic approach, integration and laboratory evidences by drug analysis.

Results:

After clinical and evidence based correlation, we could prove the presence of heavy metal (lead toxicity) and toxic elixir in alternate medicine which were used unprescribed.

Conclusions:

contamination of alternative medicines with heavy metal and toxic elixirs pose a very deadly threat to the community. use of unprescribed medicine can result in lethal side effects. Knowledge of the medications prescribed and social awareness of the medications used serves more of a responsibility to be shared in the growth of a healthy community.