

EVALUATION OF THE ANTIFUNGAL EFFECT OF TERMINALIA CHEBULA (KADUKKAI) – AN IN VITRO STUDY



1. BACKGROUND-T. chebula-PROPERTIES

- Anti-carcinogenic
- Anti-oxidant
- Wound healing activity
- Radio Protective
- Anti-diabetic
- Cytotoxic activity
- Anti-inflammatory

2. AIM & OBJECTIVES

To evaluate the antifungal effect of Terminalia chebula

•To evaluate the antifungal effect of Terminalia chebula on Candida albicans.

•To evaluate the antifungal effect of Terminalia chebula on Candida glabrata

4. RESULTS-Inhibitory zones



Inhibitory zone against *C. albicans* = 32 mm

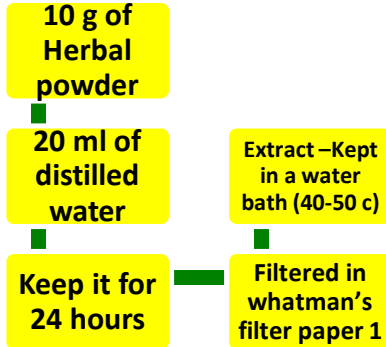


Inhibitory zone against *C. glabrata* = 30 mm

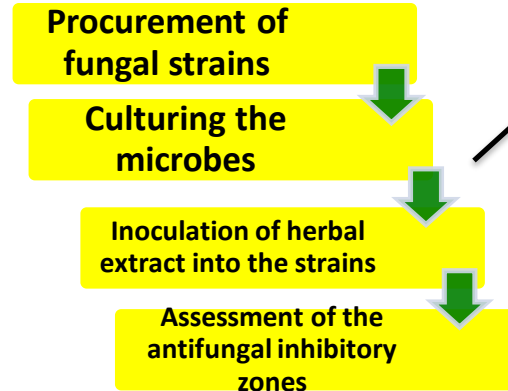
Positive control- 33mm
Negative control- 0mm

3. RESEARCH METHODOLOGY

3a. EXTRACT PREPARATION



3b. EVALUATION OF THE ANTIFUNGAL PROPERTY



5. DISCUSSION

T. Chebula-good antifungal effect

C. albicans & *C. glabrata* susceptible

Our study- Aqueous extract; other studies - alcoholic



6. CONCLUSION

Exploration of Indian herbs as therapeutic agents over allopathic ones, particularly for infectious diseases and chronic diseases like Diabetes, asthma etc.