

# Presence of candida albicans in dental caries



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AIM: To test the presence of candida albicans in dental caries

**MATERIALS NEEDED:**

- sterile cotton swab
- Petridish
- Conical flask
- Glass rod
- Weighing machine
- Inoculation loop
- Autoclave

Chemicals required:

- Culture media
- Sabouraud chloramphenicol agar

Distilled water Microbiological test Antibiotic sensitivity test



Conflict of Interest: None declared

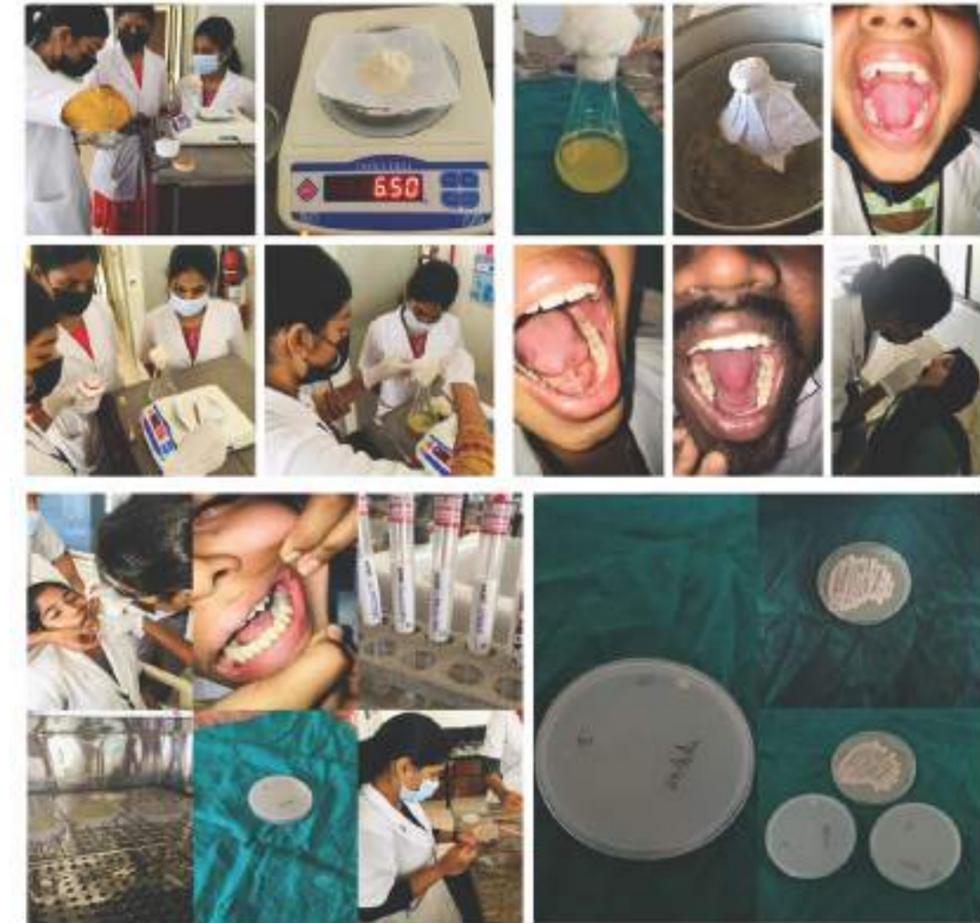
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**PROCEDURE**

- Preparation of culture medium: suspended 6.5 gm of sabour aud chloramphenicol agar in 100ml distilled water in a conical flask.
- The conical flask was completely covered with a cotton and covered it properly.
- The solution is heated to boiling to dissolve the medium completely.

- Sterilized by auto claving for 15 minutes.
- Cool to 45-50°C, mix well and pour to sterile petri dish.
- Sample collection: 5 samples were collected from patients with dental caries using a sterile cotton swab.
- The collected sample inoculated immediately on to the culture medium.



**RESULT**

Out of 5 samples taken test result of positive cases of candida albican was found to be 2  
The presence of candida albicans is confirmed.

