

# Biofilm on Chest Drains After Thoracic Surgery: Clinical Impact and Antibiotic Resistance

NCT07228598

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**Status** RECRUITING  
**Sponsor** Caner O\_evi, MD  
**Enrollment** 180 participants

## Key Eligibility Criteria

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### Inclusion (3)

- Age 18 years and older
- Undergoing elective thoracic surgery requiring chest drain placement
- Able and willing to provide written informed consent

### Exclusion (7)

- Presence of active infection prior to surgery
- Emergency thoracic surgery
- Immunosuppressed patients (e.g., neutropenia, advanced malignancy, organ transplantation)
- Patients receiving systemic antibiotic therapy at the time of drain removal
- Drainage for empyema or pre-existing pleural infection

... and 2 more (see full listing online)

## Locations (1 total)

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Ondokuz Mayıs University Medical Faculty, Department of Thoracic Surgery, Samsun, Samsun, Turkey (Türkiye)