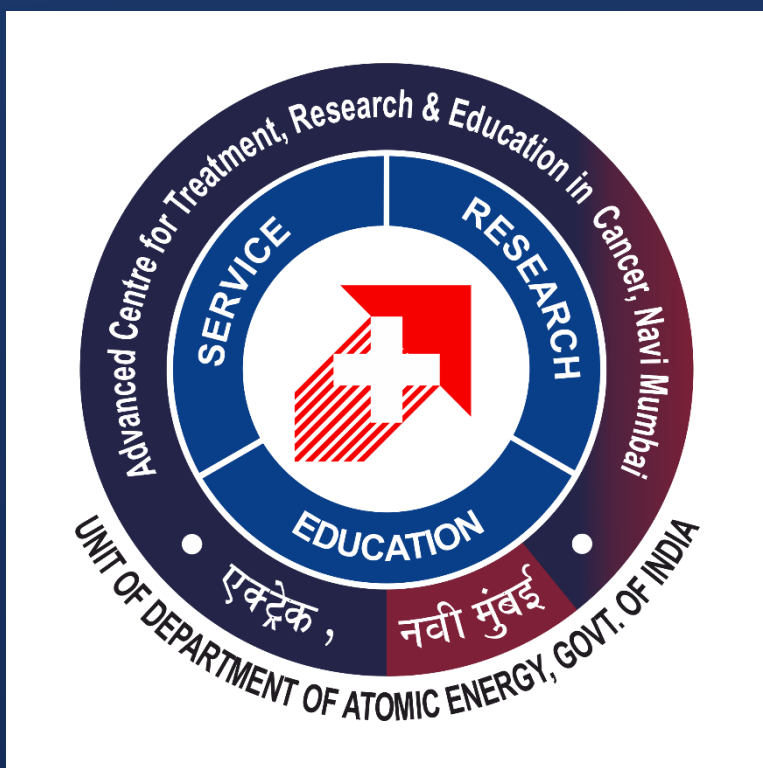


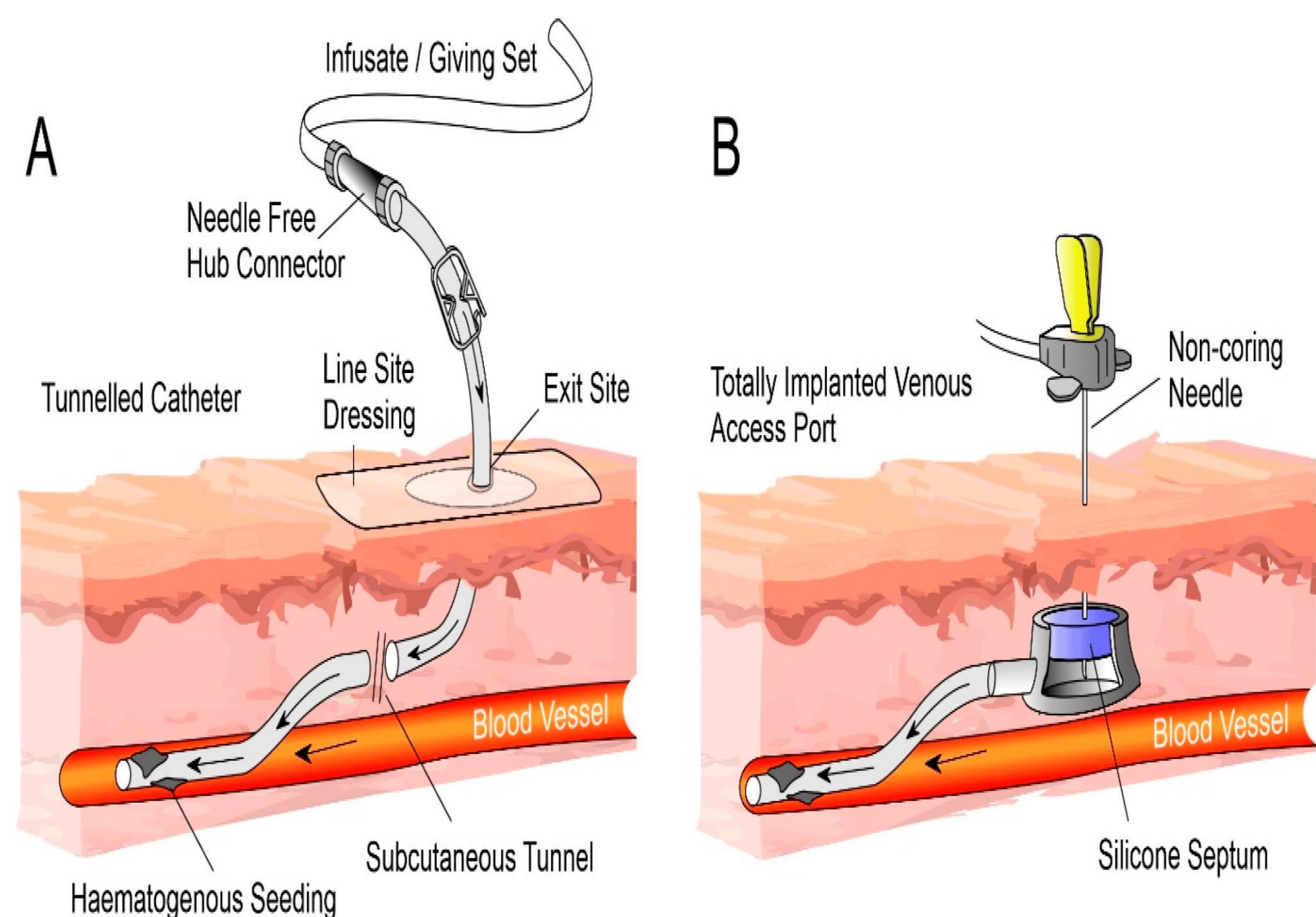


IMPACT OF ANTIBIOTIC AND ANTIMICROBIAL LOCKS ON CATHETER RELATED BLOOD STREAM INFECTION.

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BACKGROUND



- Oncology patients require long term catheter to complete the chemotherapy cycles.
- Complications like infections are expected with long term catheters and most hospitals follow antibiotic lock policy for preserving the catheter.

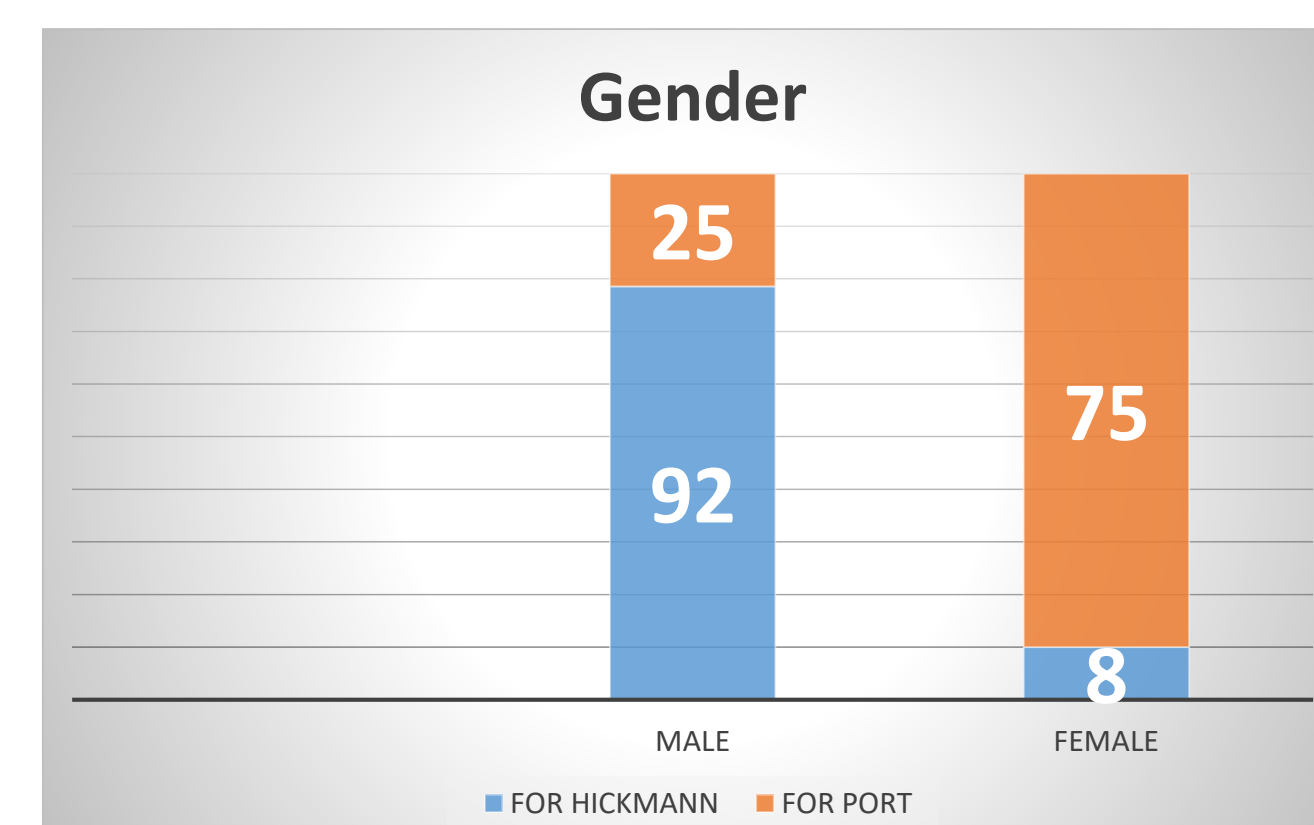
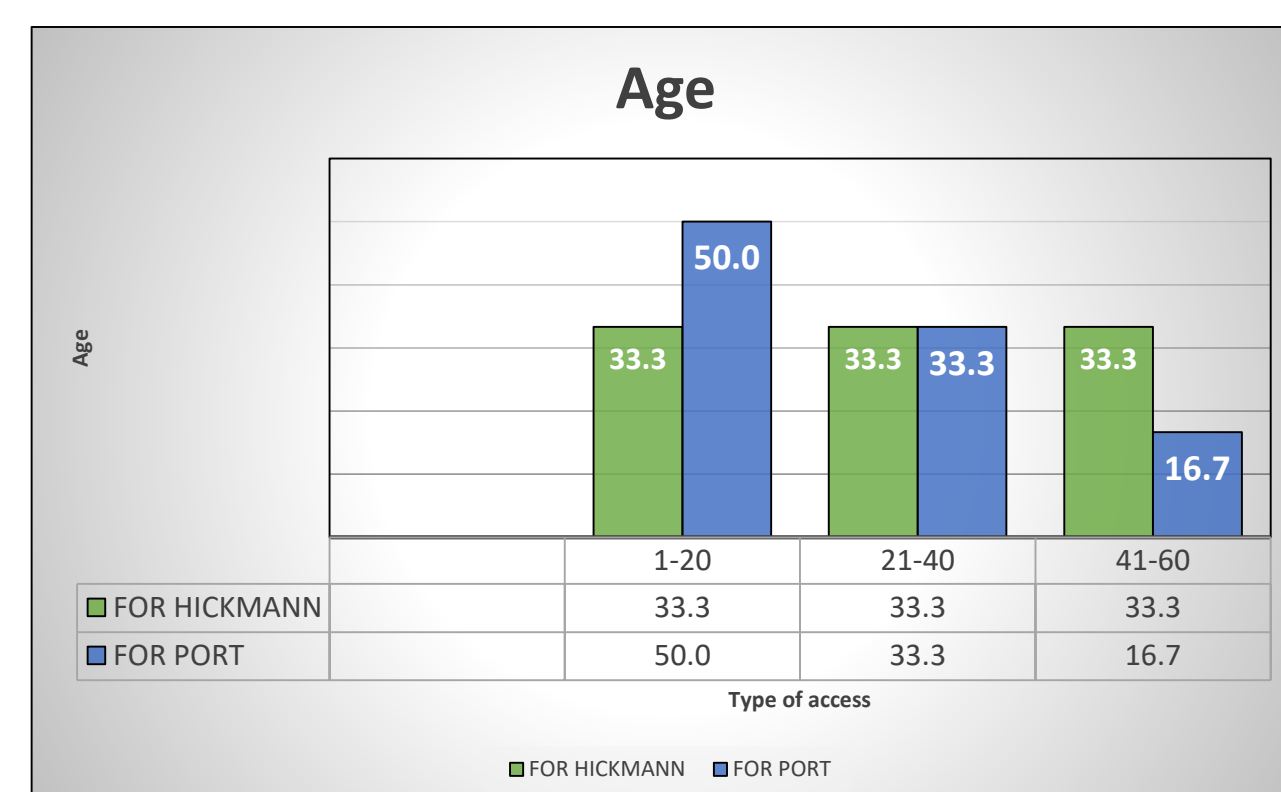
AIM

To assess the impact of Antibiotic and Antimicrobial Locks on Catheter related Blood stream Infection in tertiary care centre.

METHODOLOGY:

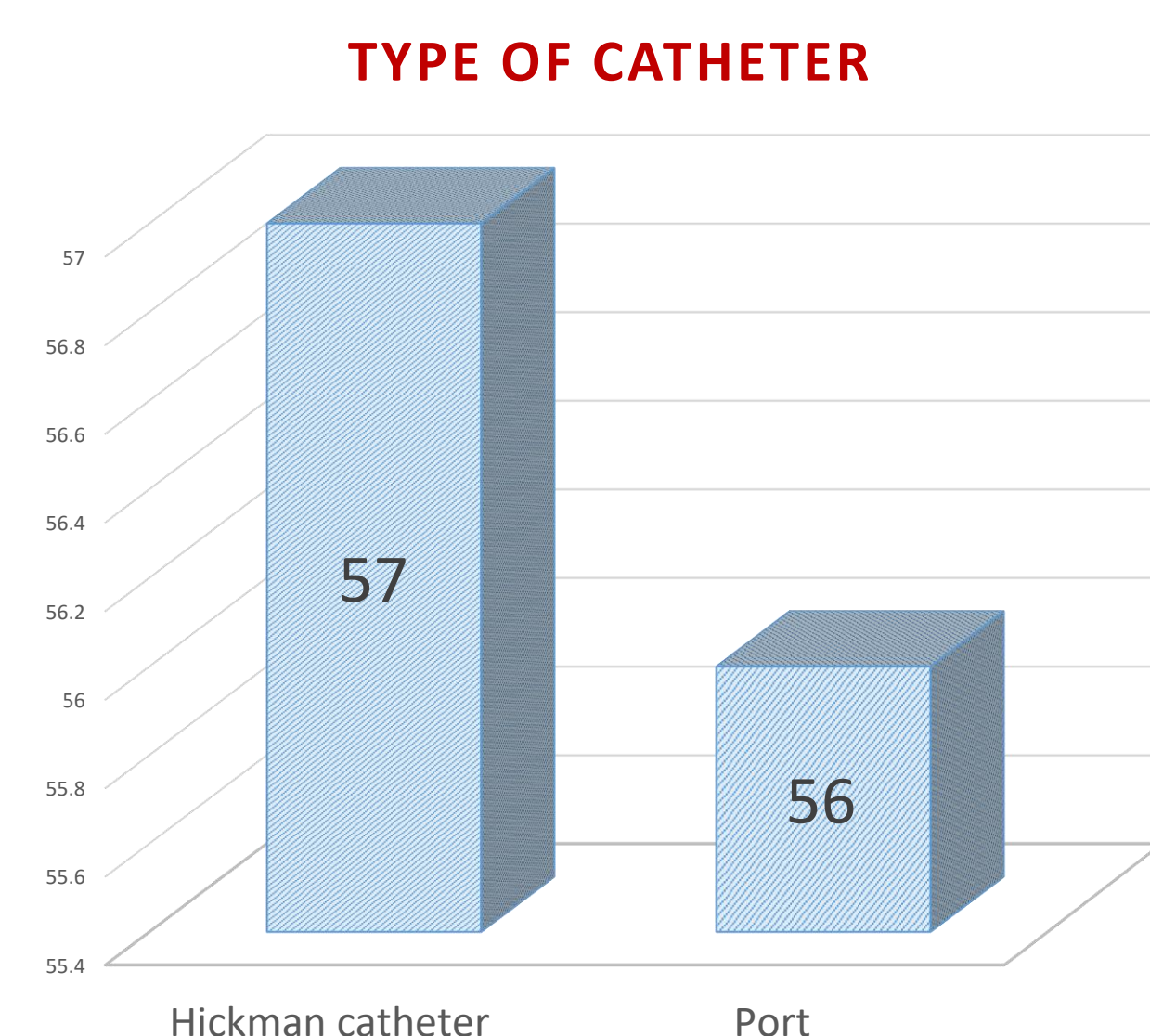
- Research design: Retrospective Survey method
- Sample: cancer patient having port and Hickman Catheter
- Sample size: 113
- Sampling technique: Non probability, convenient sampling technique
- Tool: questionnaires
- Setting :Tertiary cancer care centre
- Data Analysis: Descriptive and inferential statistic

GENDER & AGE OF PATIENTS

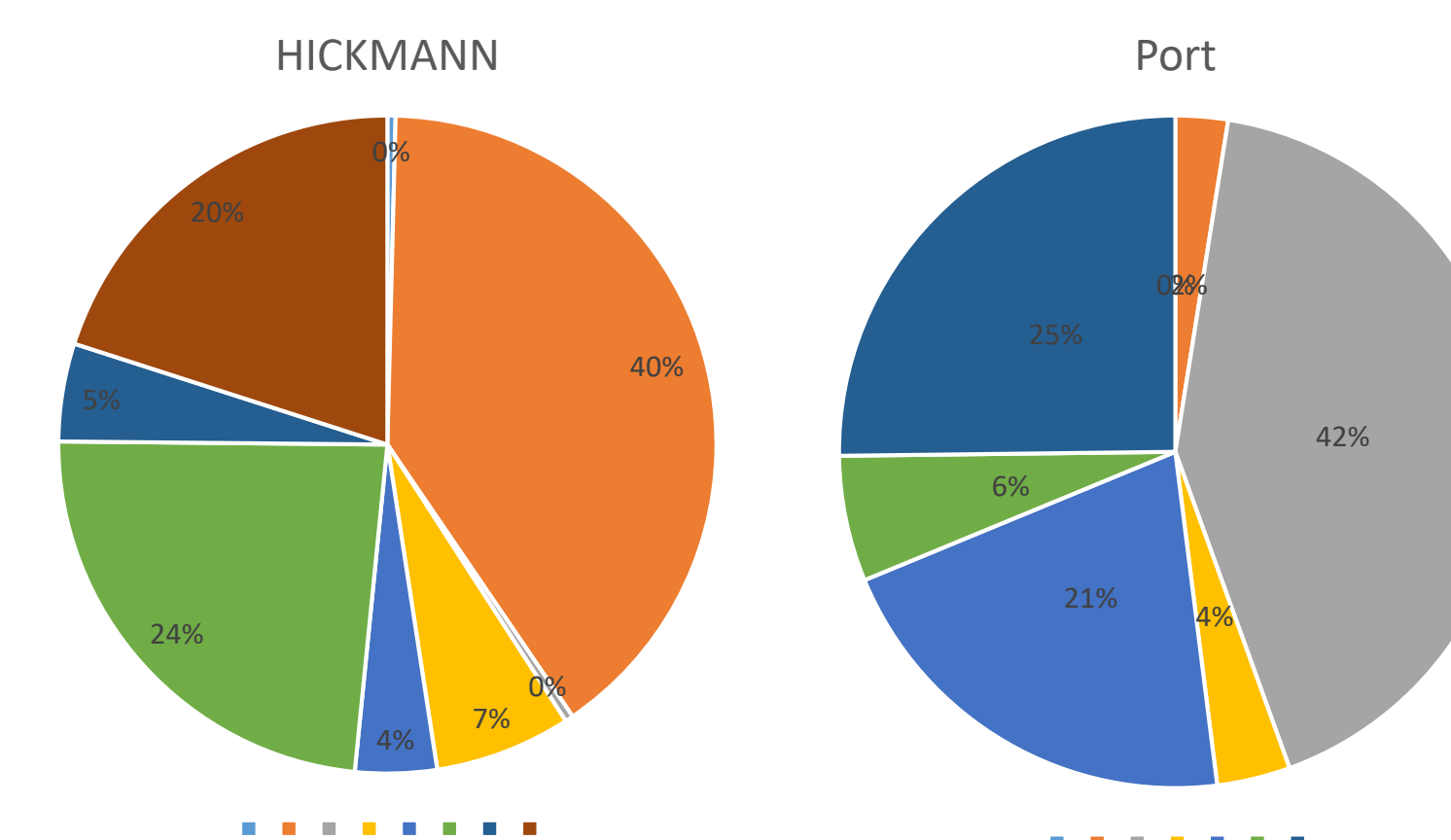


RESULTS

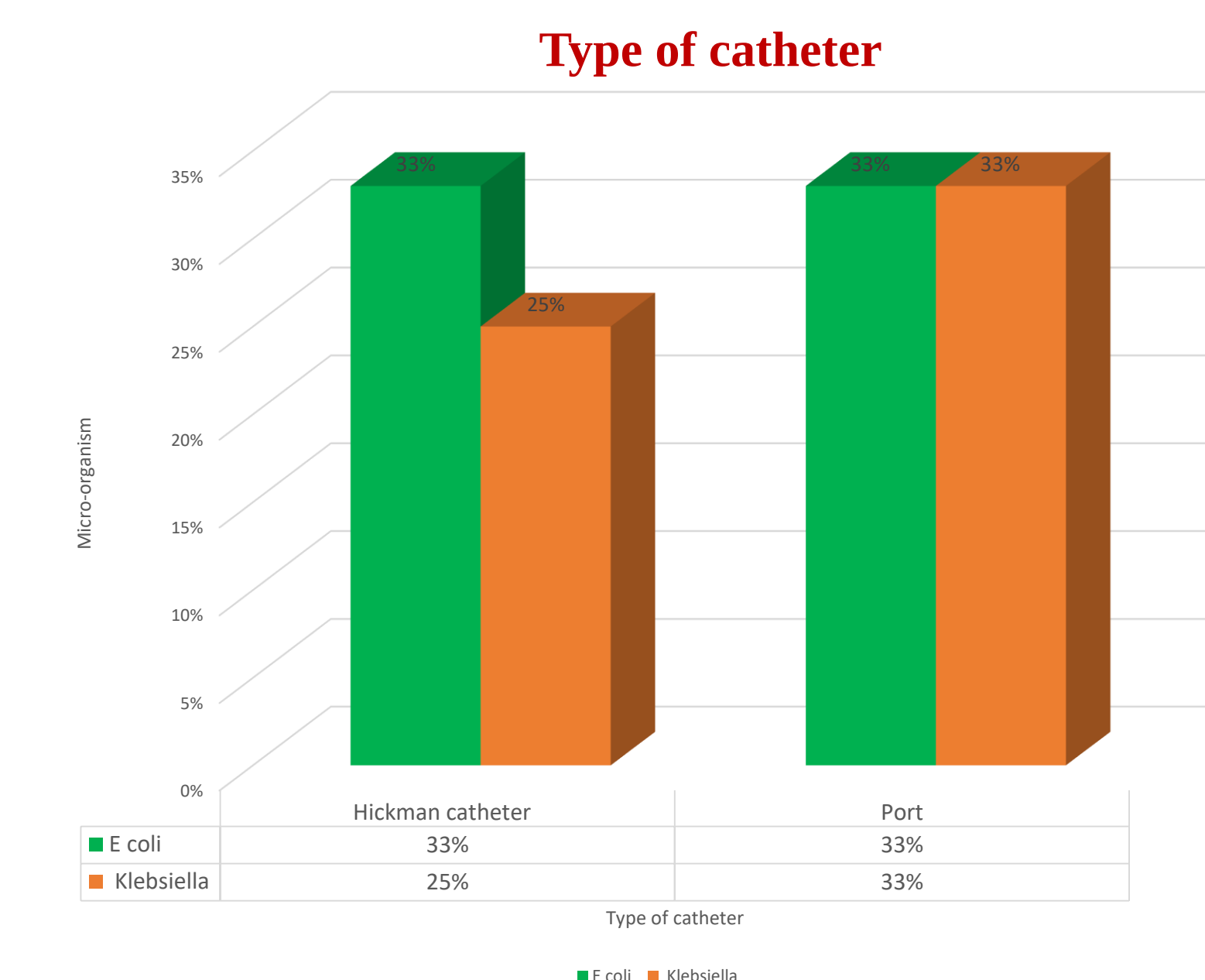
- Total of 113 catheters were observed.
- In observation, 57-Hickman and 56- port were present.



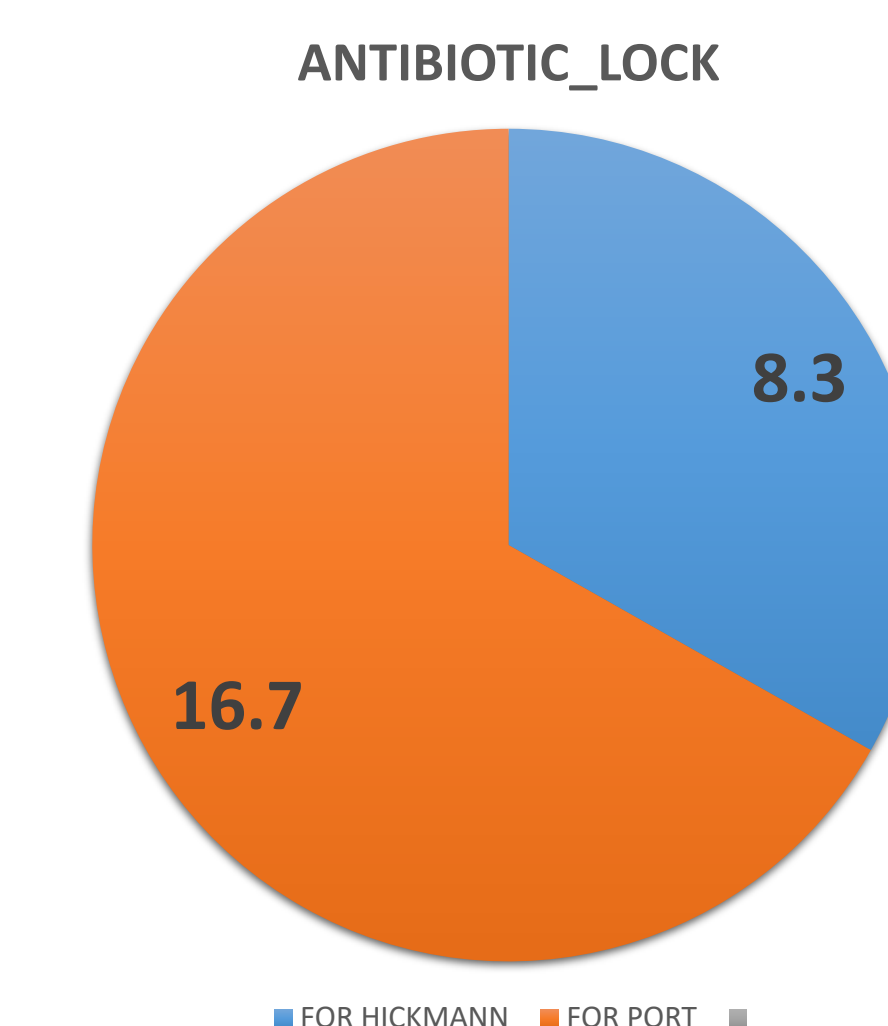
SIGNS & SYMPTOMS



- E-coli and Klebsiella were the dominant organisms in Hickman (33%,25 %) and port (33%, 33 %).



Antibiotic lock



CONCLUSIONS & DISCUSSION

- There are no antibiotic the catheters need to removeStudy showed that antibiotic lock was effective in preserving Hickman and port catheter.
- Since the expenses for antibiotics is high, The caregivers need to be use aseptic technique while handling these catheters.

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