

FIDLINE: femorally inserted peripheral venous catheter *a last resort catheter: our experience*

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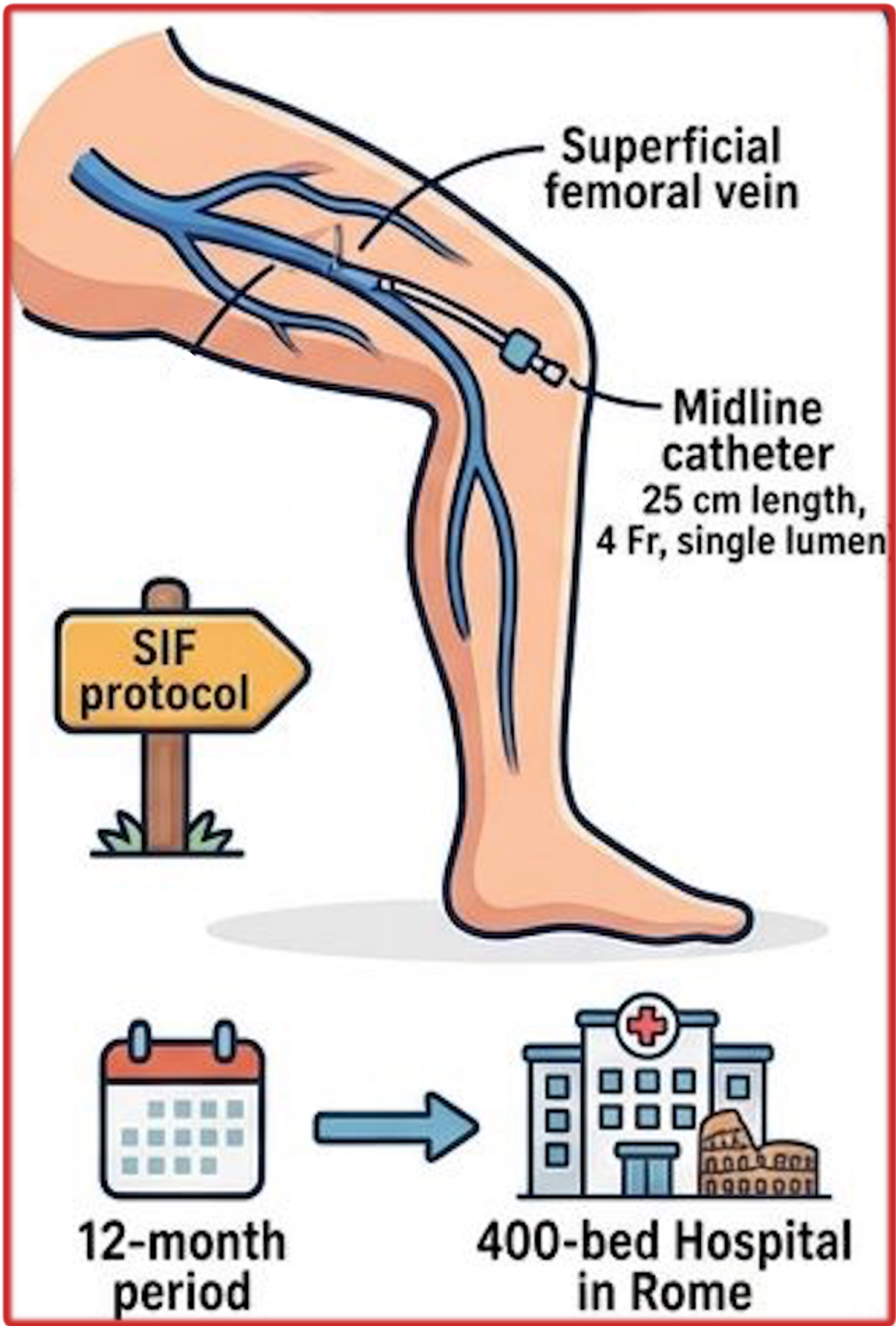
INTRODUCTION

Venous access device (VAD) placement is essential for inpatient care but may be challenging when upper extremity veins are unavailable. Although femorally inserted central catheters are frequently used, a central device is not always required. Femorally inserted Midline catheters with a peripheral tip represent a feasible alternative in selected patients (1,2).

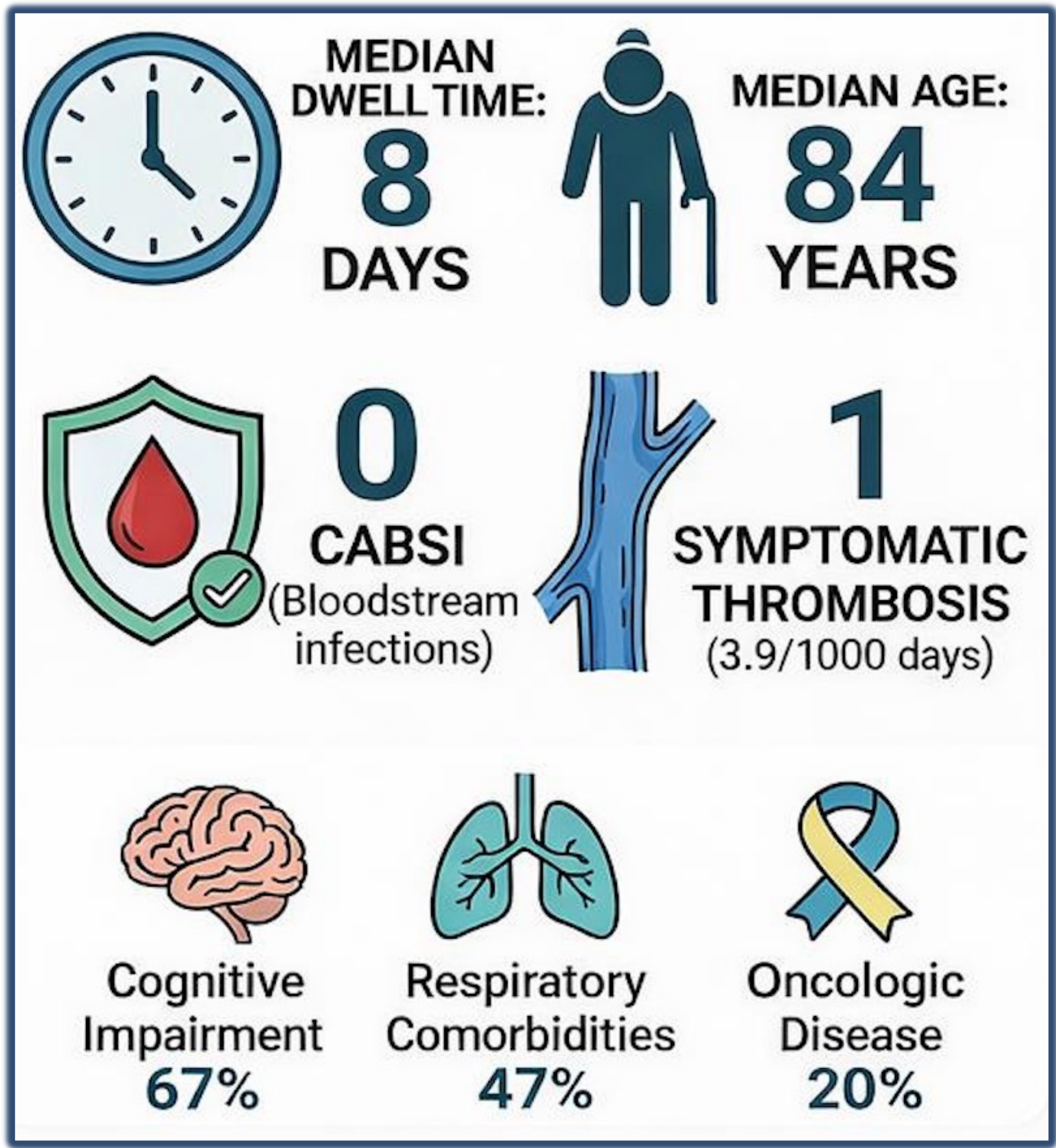
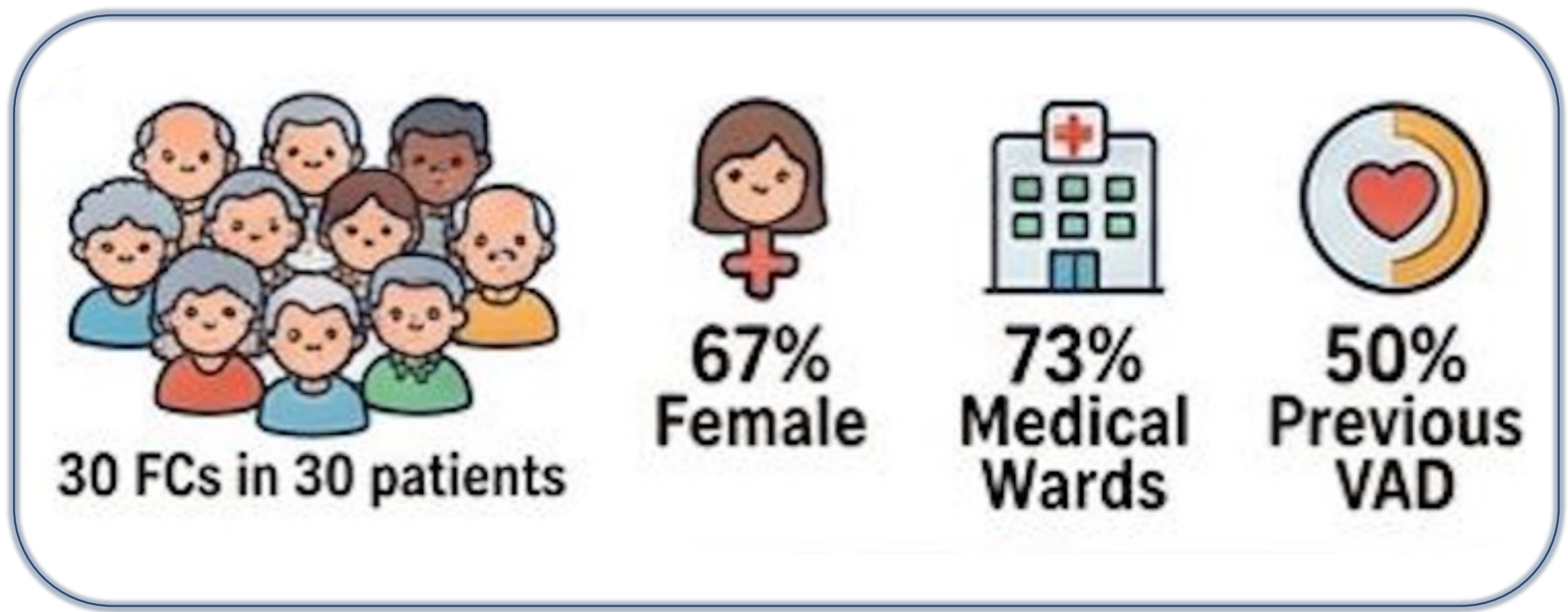


METHODS

A retrospective case series was conducted using the institutional database to identify all *Fidline* catheters (FCs) inserted over a 12-month period in a 400-bed Hospital in Rome. A total of 30 FCs in 30 patients were included. Clinical records were reviewed to collect data on Catheter-Related Thrombosis (CRT) and Catheter-Associated Bloodstream Infection (CABSI). All FCs (Midline, 25 cm length four FR single lumen) were implanted in the superficial femoral vein at mid-thigh according to the SIF protocol (4).



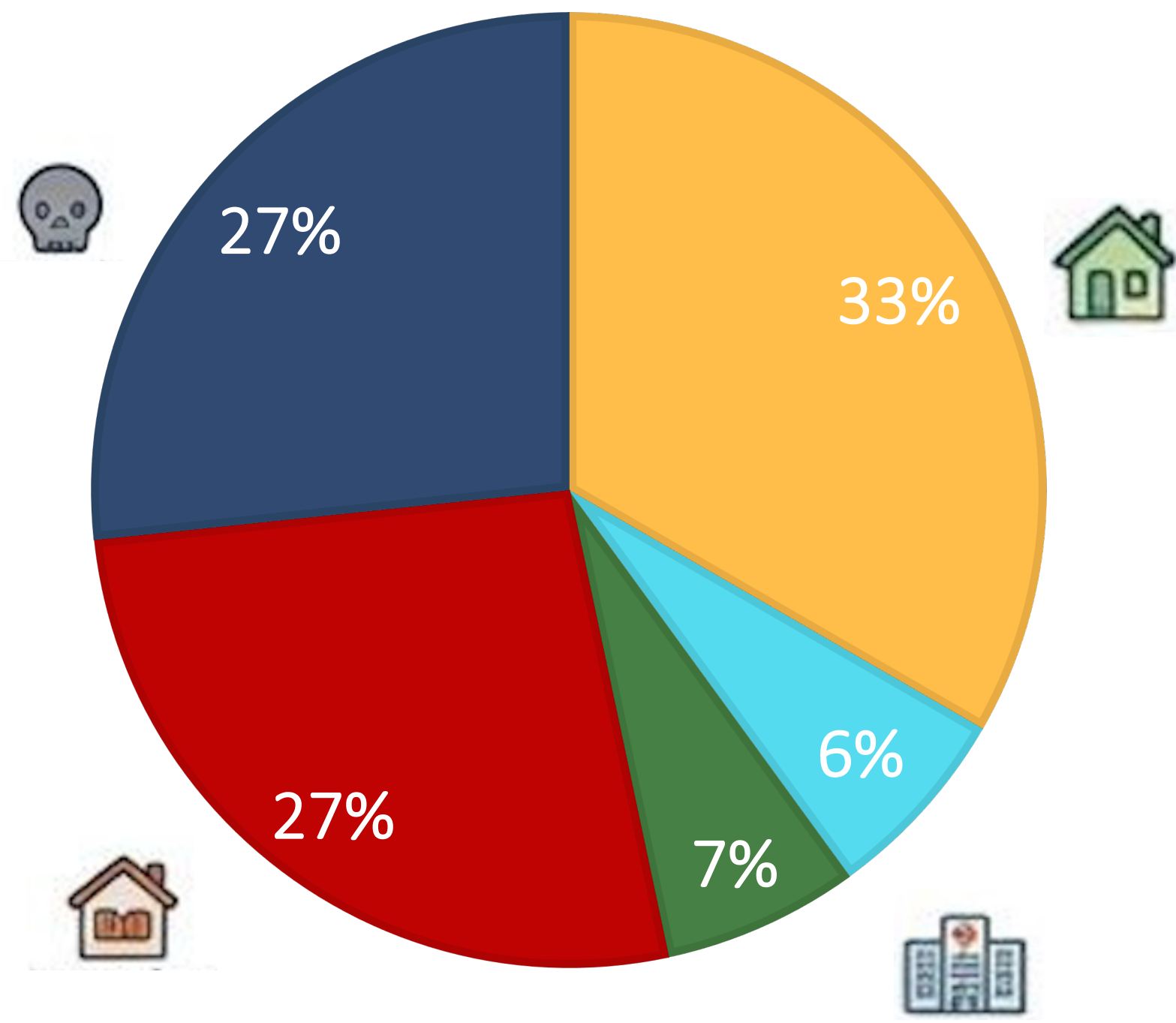
- Upper limb veins not available
- Peripheral IV-compatible drug
- Mid-term (≈1–4 weeks)
- Central access not required



RESULTS

DISCHARGE DISPOSITIONS

- Home
- Post-acute care facility
- Trasfer to another hospital
- Hospice
- Death



CONCLUSIONS

FIDLINE represents a safe and viable VAD



1) Brescia F et al. The SIF protocol: A seven-step strategy to minimize complications potentially related to the insertion of femorally inserted central catheters. *J Vasc Access*. 2023;24(4)

2) Gidaro A et al. Midline peripheral catheters inserted in the superficial femoral vein at mid-thigh: Wise choice in COVID-19 acute hypoxemic respiratory failure patients with helmet continuous positive airway pressure. *J Vasc Access*. 2023 Nov;24(6):1469-1476

3) Ostroff M et al. Case report: End of life care via a mid-thigh femoral midline catheter. *J Vasc Access*. 2023 Jul;24(4):809-812. doi: 10.1177/11297298211043410. Epub 2021 Aug 31. PMID: 34463188.

4) van Rens MR et al. M; WoCoVA Foundation (World Conference on Vascular Access) and of the Global Vascular Access Network (GloVANet). The NAVIGATE project: A GloVANet-WoCoVA position statement on the nomenclature for vascular access devices. *J Vasc Access*. 2025 Sep;26(5):1439-1446