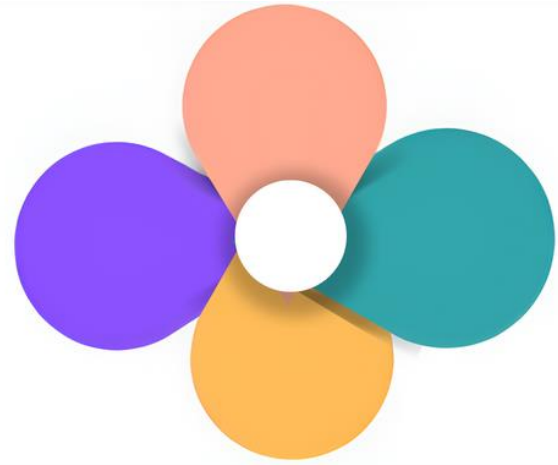


PURE



PREMATURE
UNINFECTED
A REAL
EXAMPLE

A bottom up approach to CLABSI in the

Dr Chiara Mardegan



Definition

Central Line Associated Blood Stream Infection (CLABSI)

- laboratory-confirmed bloodstream infection not related to an infection at another site, occurring in a patient with a central line in place or removed within the last 48 hours



Rational

Central venous catheters

- Frequently necessary in NICU
- Plays a critical role in administering essential medication, nutrition, and fluids
- Prone to complications, notably the risk of **infections**
 - Mortality
 - Morbidity
 - Health costs





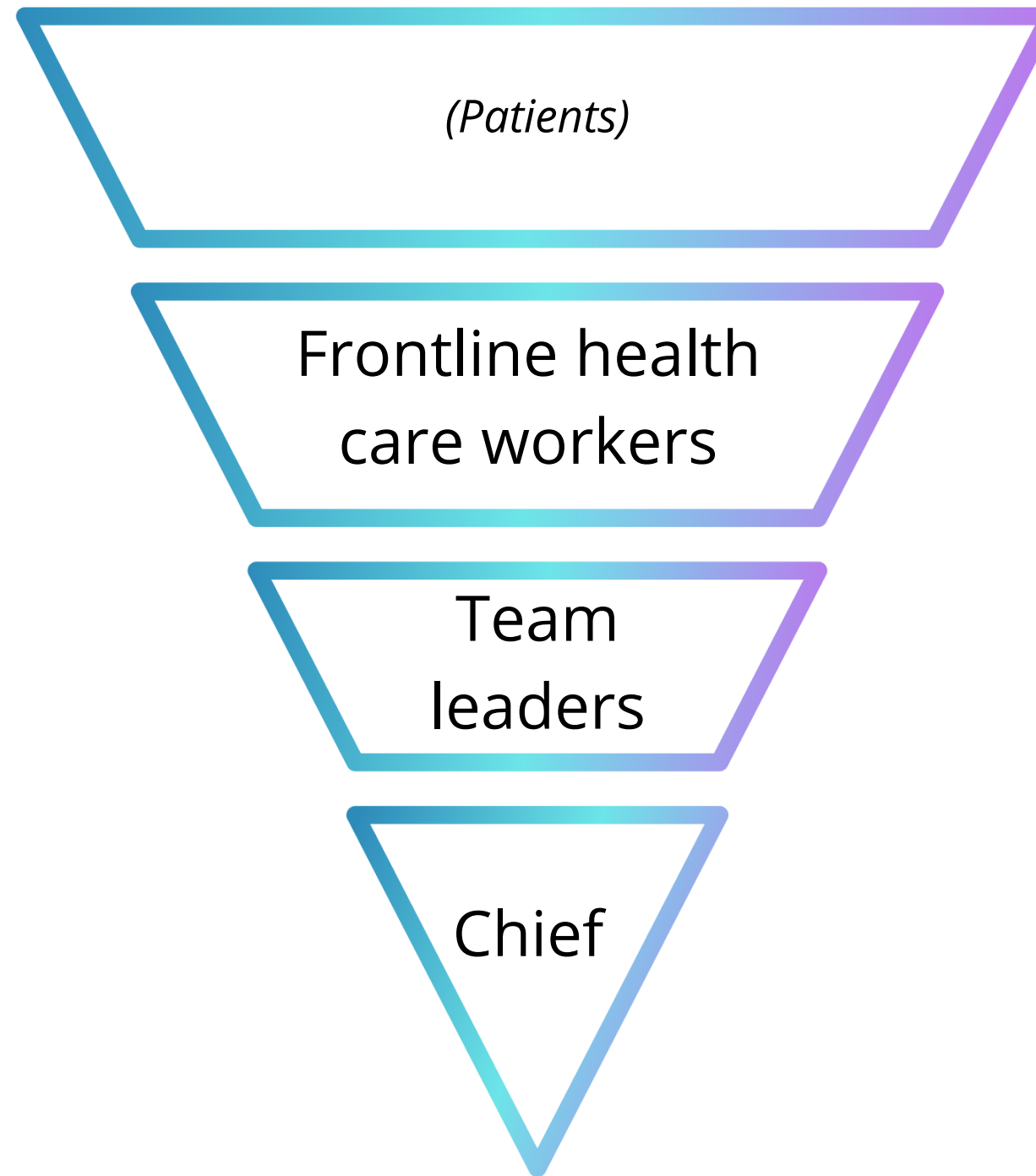
Background

**14 CLABSI / 1000
catheter-days**





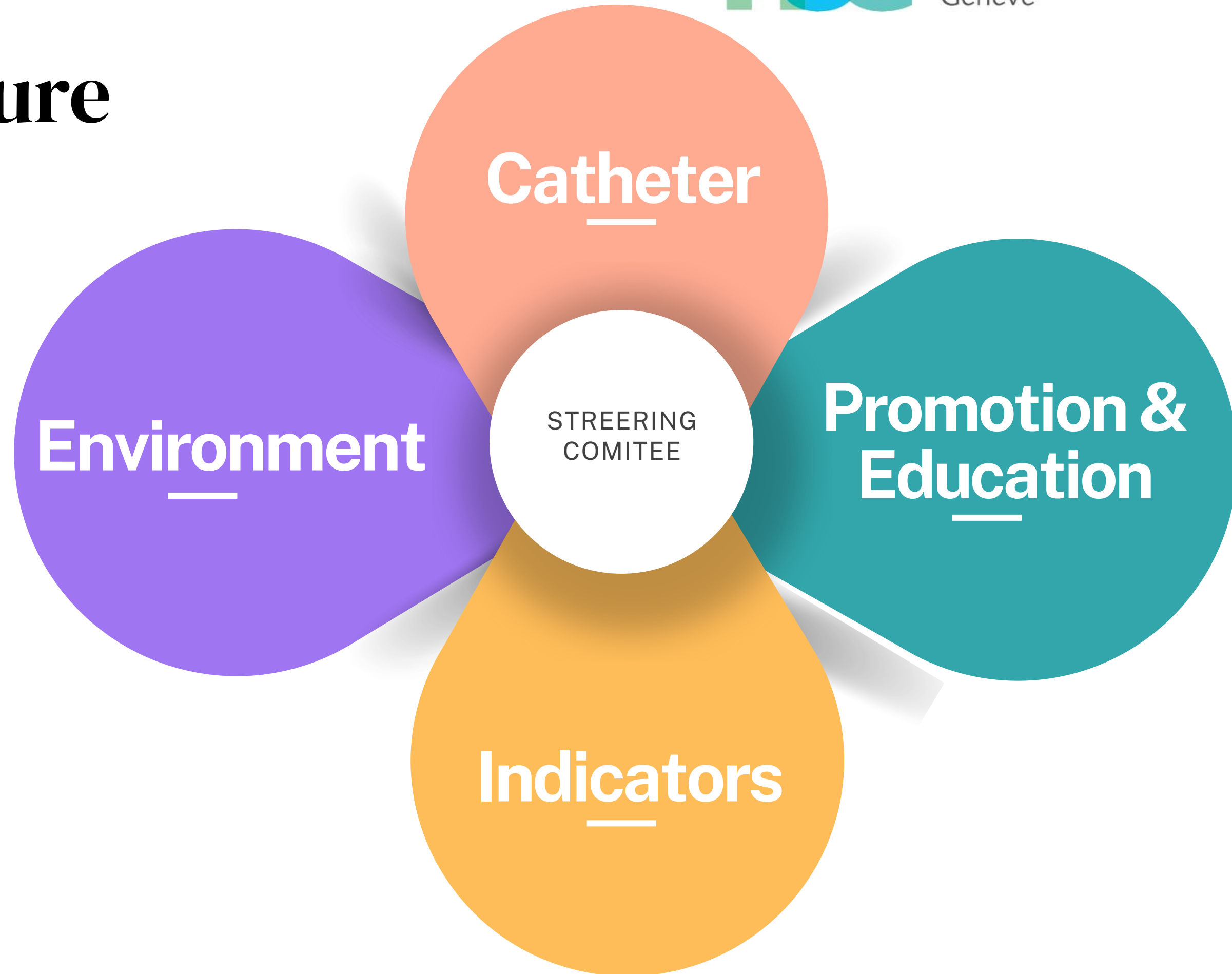
Strategy

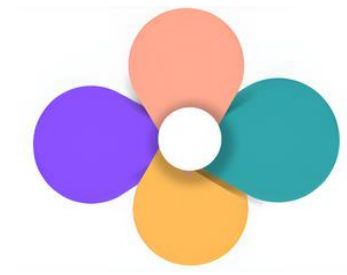


The inverted pyramide



Structure

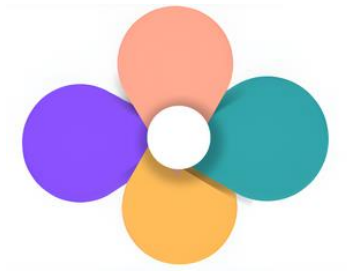




Indicators

- Examining CLABSI retrospectively every 3 months
- Define and Monitor Indicators
- Sharing information with the team
→ newsletter





Catheter

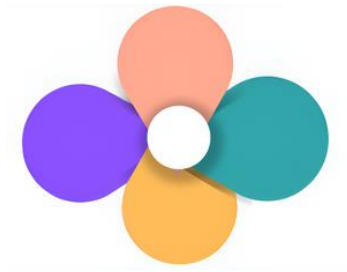
Survey of CVC management



Need to reinforce good practices.

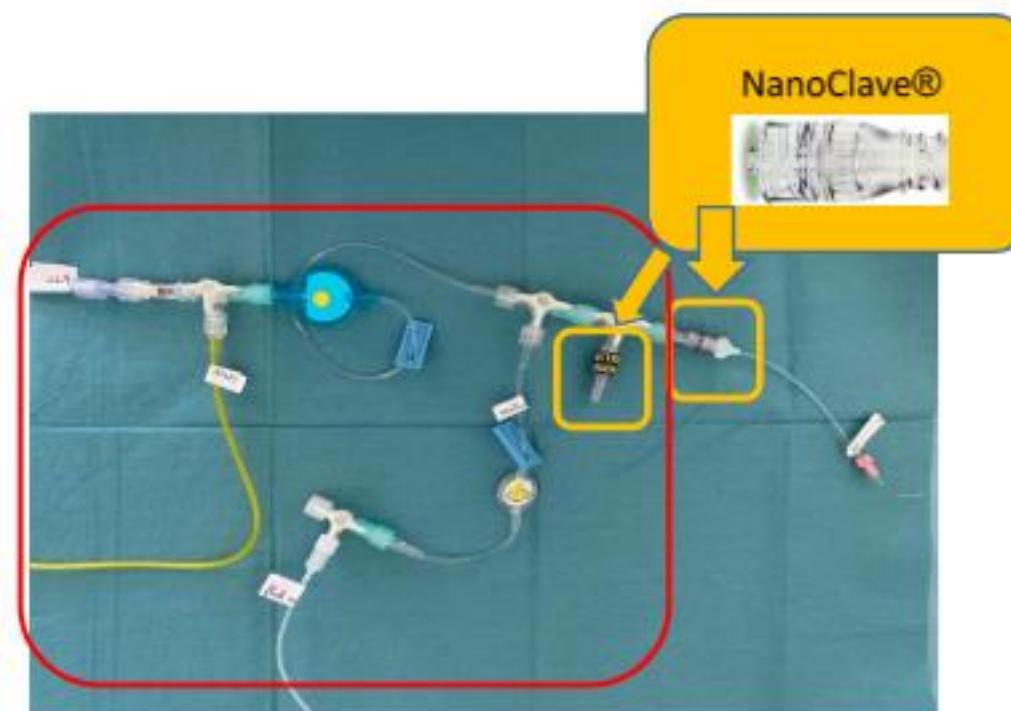


Ambiguity in specific CVC protocols



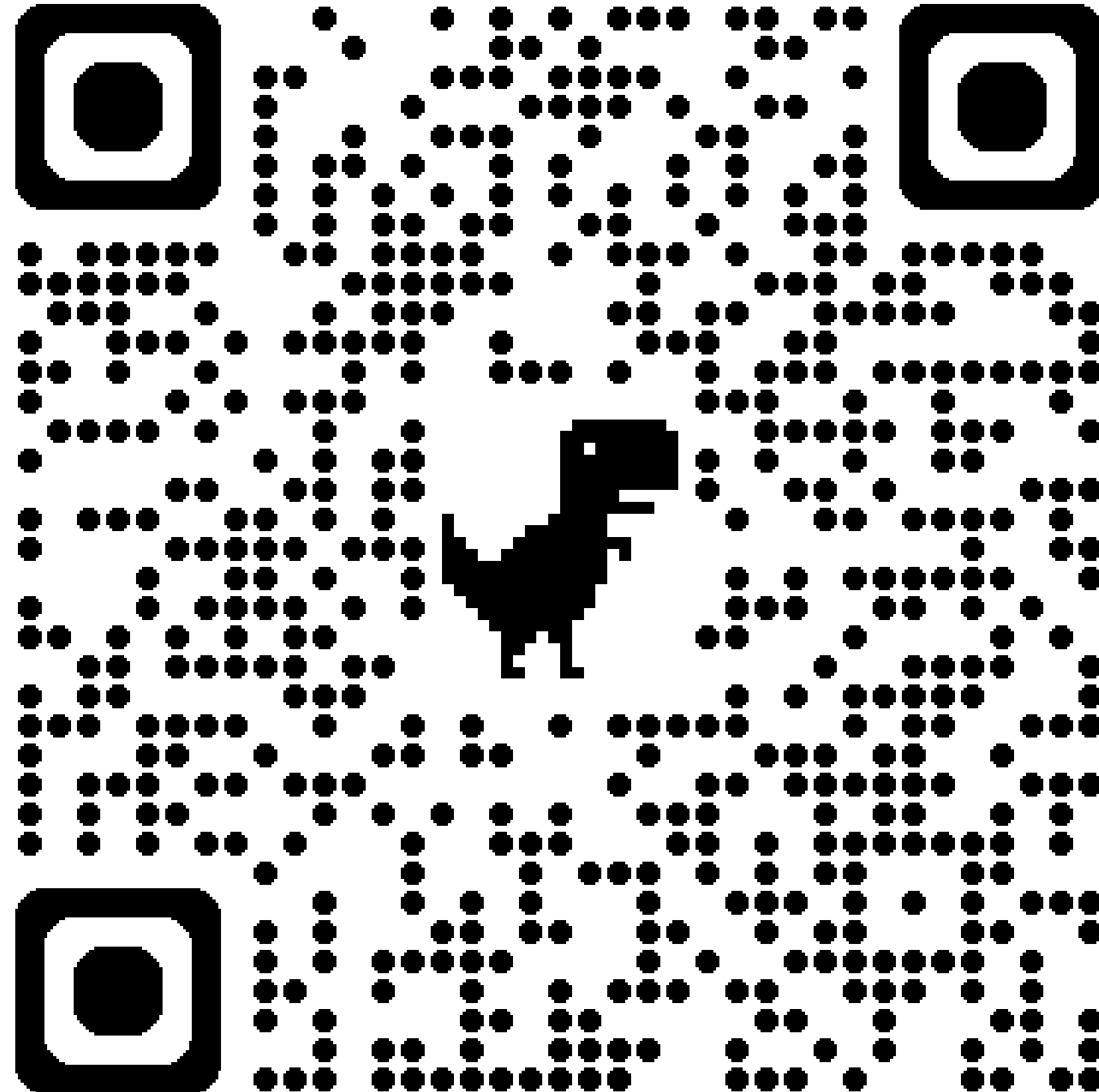
Catheter

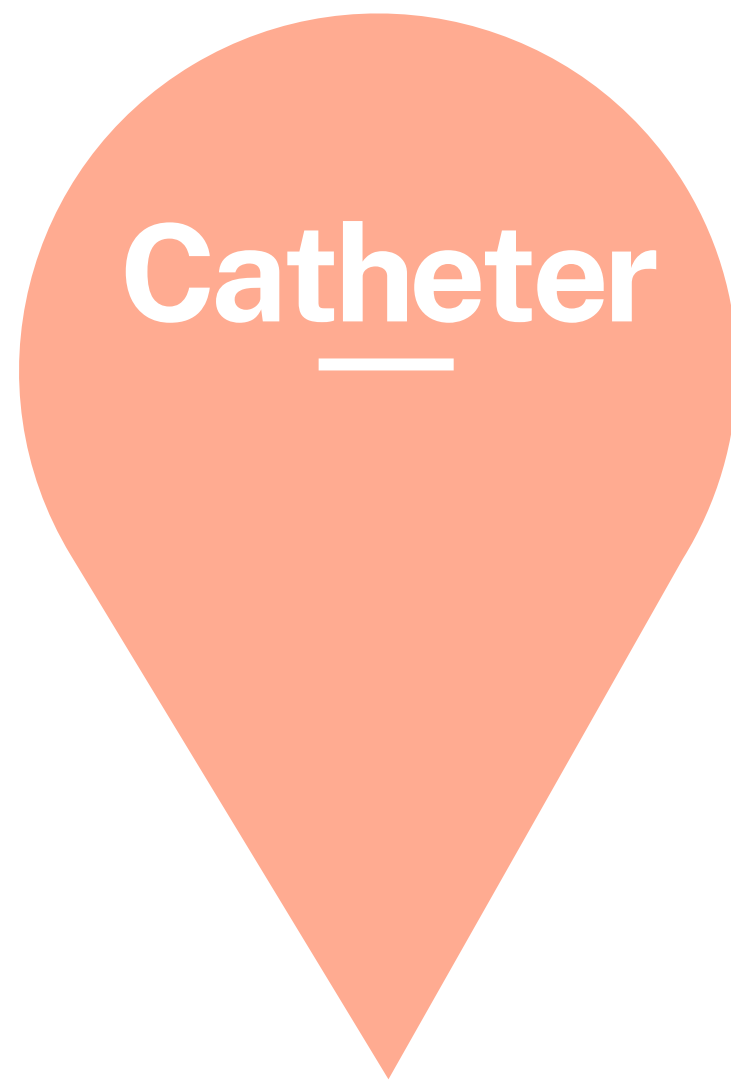
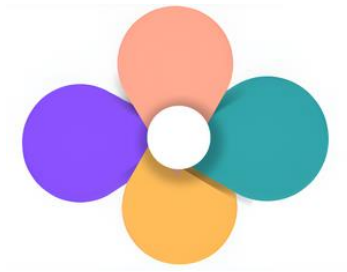
- Implement a systematic change of the entire infusion line to the main hub every 24 hours
- Strengthen the manipulation of hub scrubbing
- Add an extra needle-free connector to the main hub





Catheter





PURE GROUPE CATHETER

#StopCLABSI

TABC² 

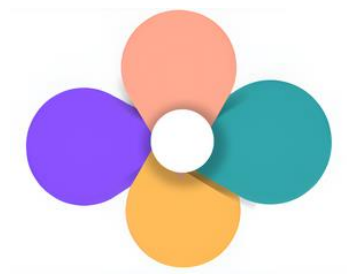
C² = Circulation + Cathéter

POUR LUTTER CONTRE L'INFECTION ASSOCIÉE AU CATHETER CENTRAL (CLABSI)

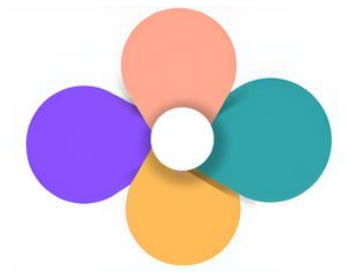
Les CLABSI ont un taux élevé de mortalité et apportent un grand risque pour le développement



La décision est toujours prise par l'équipe médico-soignant selon l'état du patient



sess



Posters

INFECTIONS NOSOCOMIALES
AVANT D'ENTRER DANS LA CHAMBRE,
J'APPLIQUE LES BONNES PRATIQUES



J'ai les cheveux attachés (à moins qu'ils ne soient courts)

Mes ongles de mains sont coupés courts et au naturel

Je ne porte pas de bijoux, d'alliance, de montre ou de bracelet

Mes manches sont courtes ou remontées sous les coudes

Je me frictionne les mains avec une solution hydroalcoolique

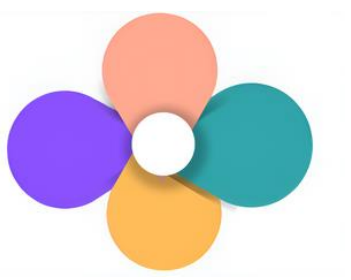
Je porte une tenue professionnelle propre



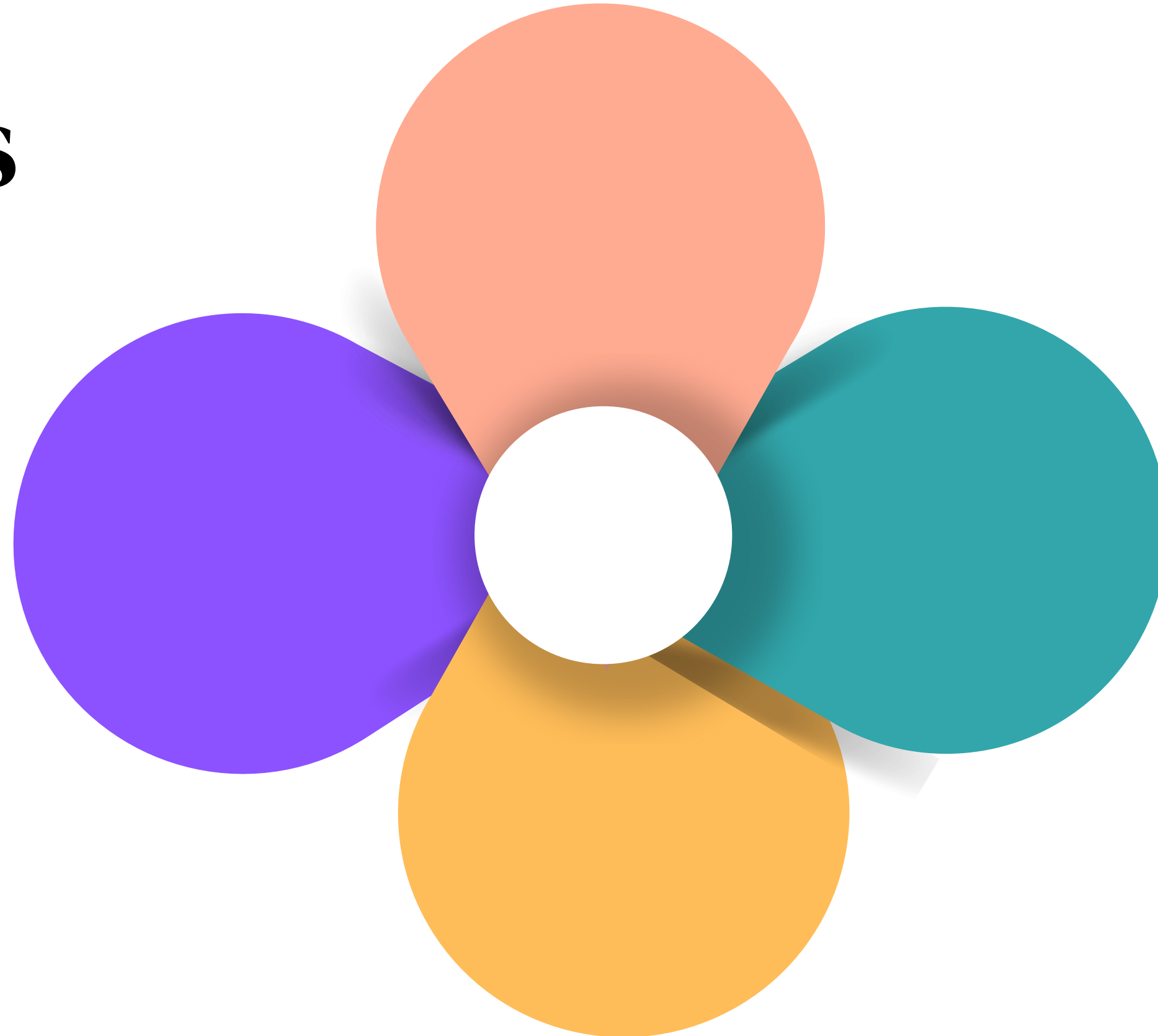


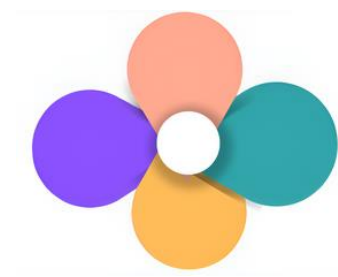
Environment





Results





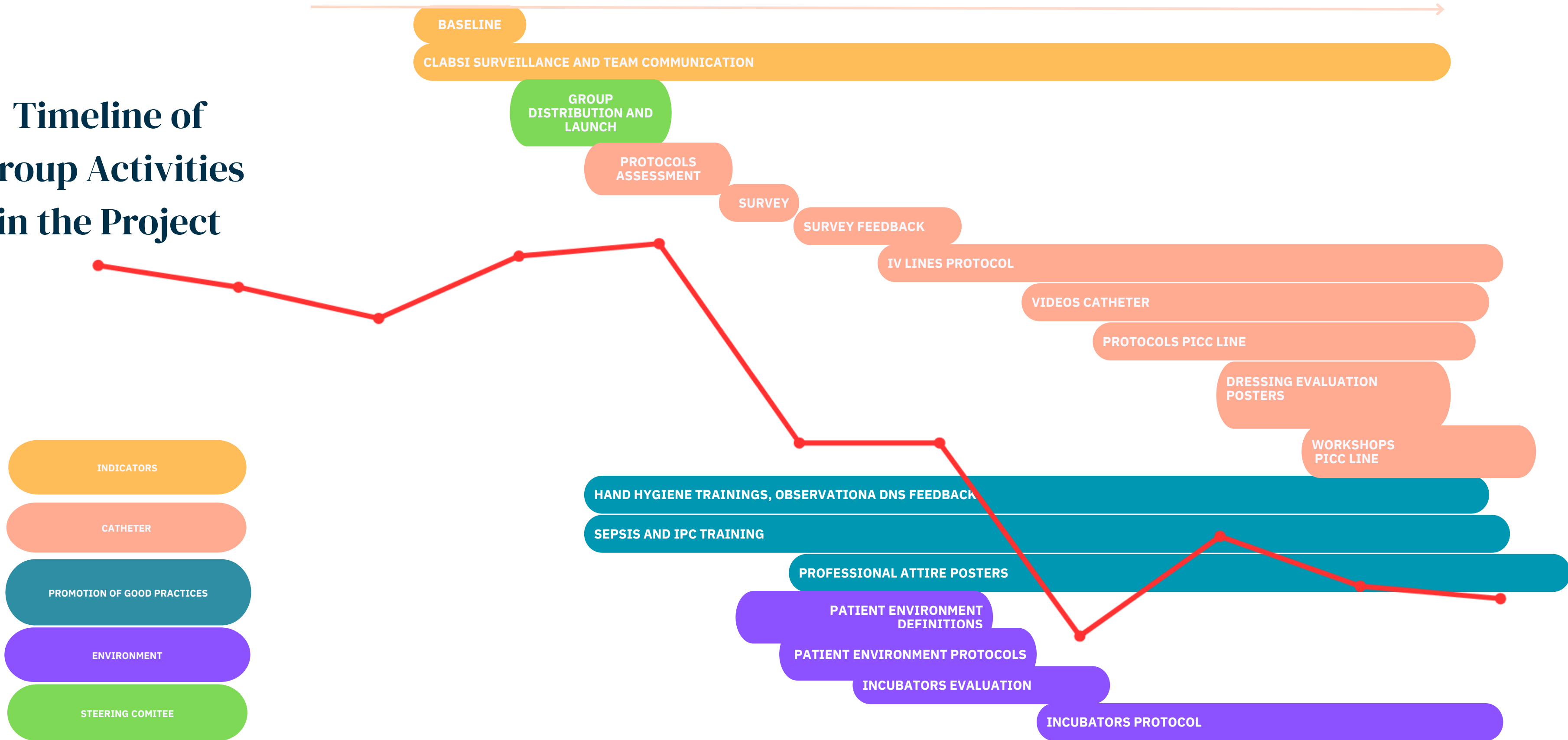
Timeline of Group Activities in the Project

2020

2021

2022

2023



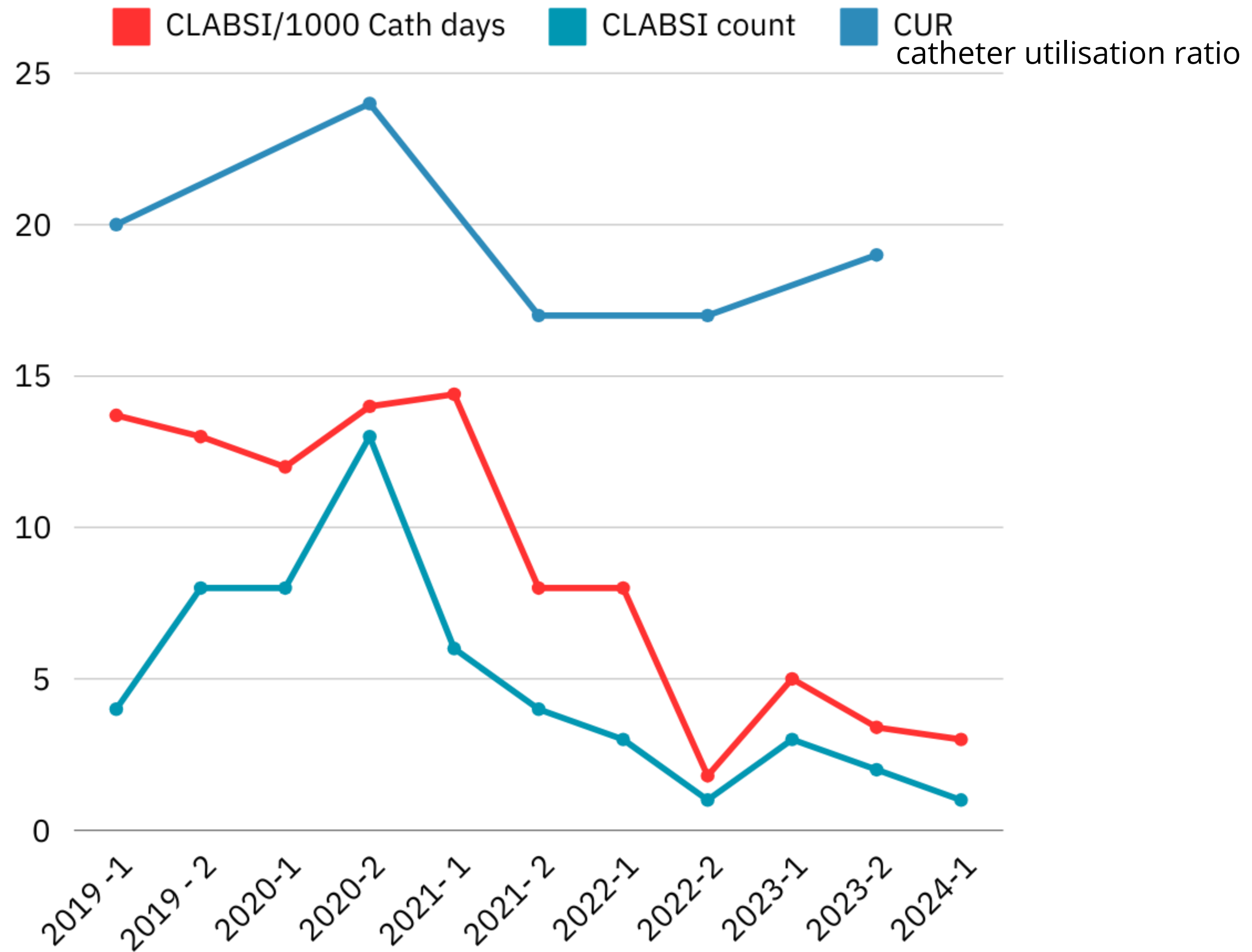
INDICATORS

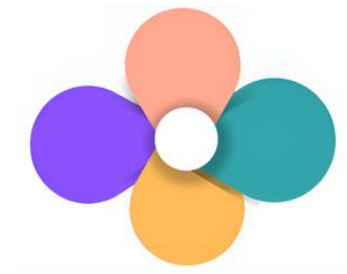
CATHETER

PROMOTION OF GOOD PRACTICES

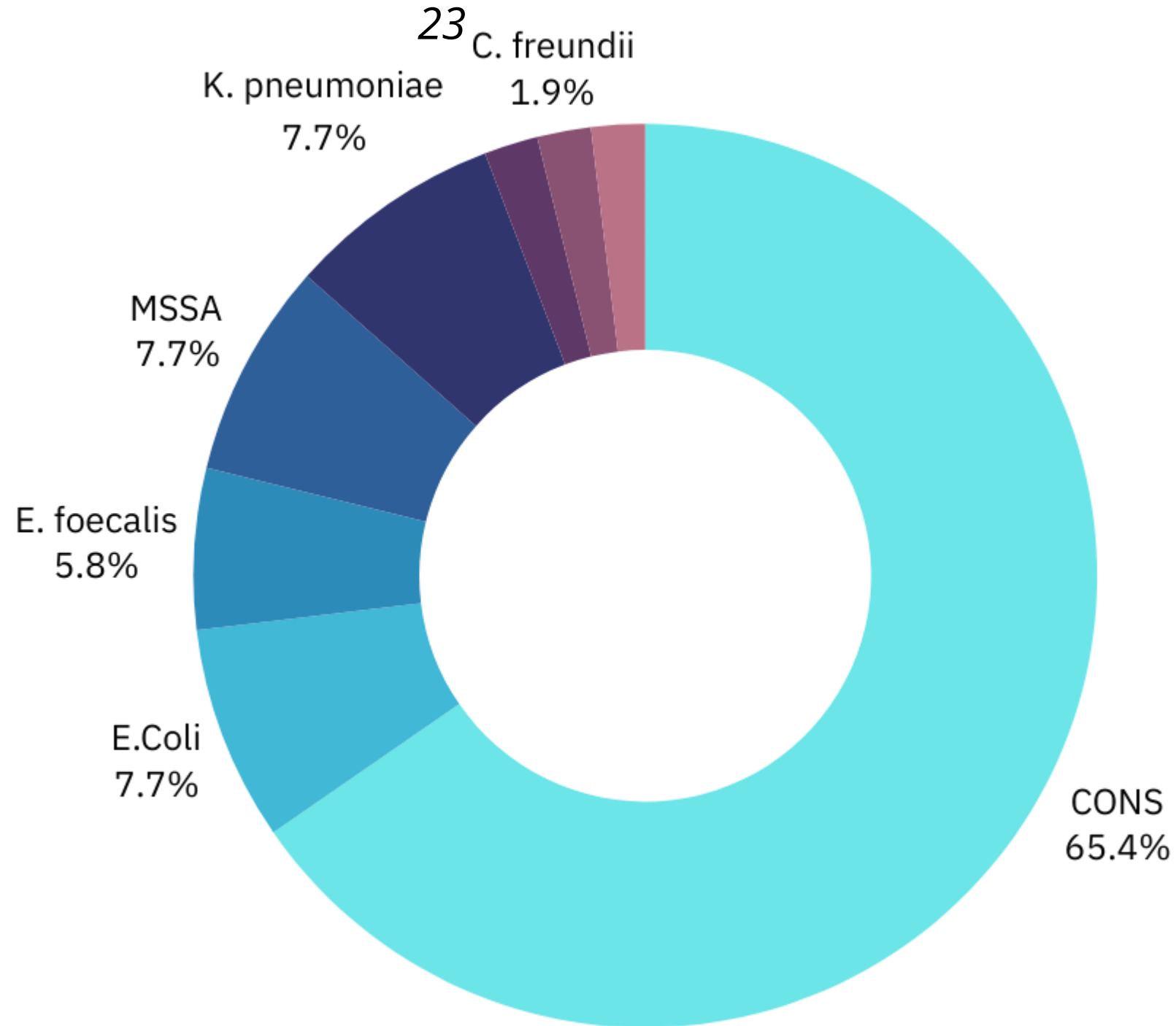
ENVIRONMENT

STEERING COMITEE

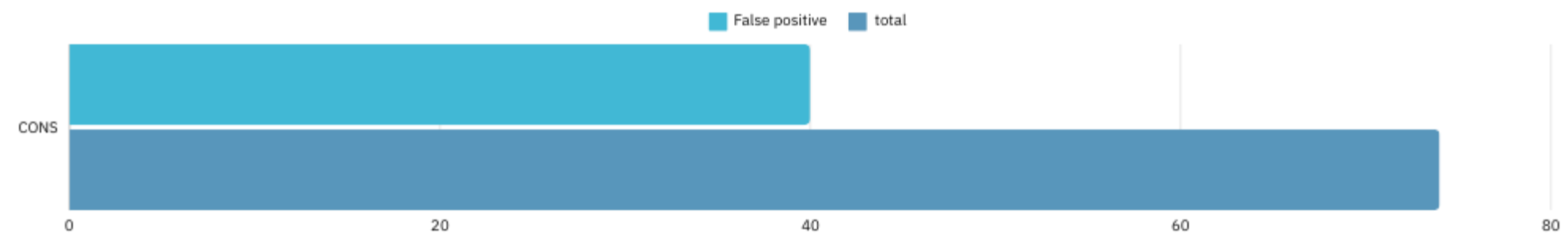




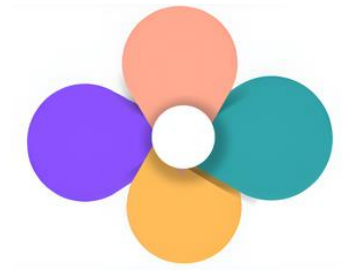
CLABSI + Possible CLABSI Ecology 19-



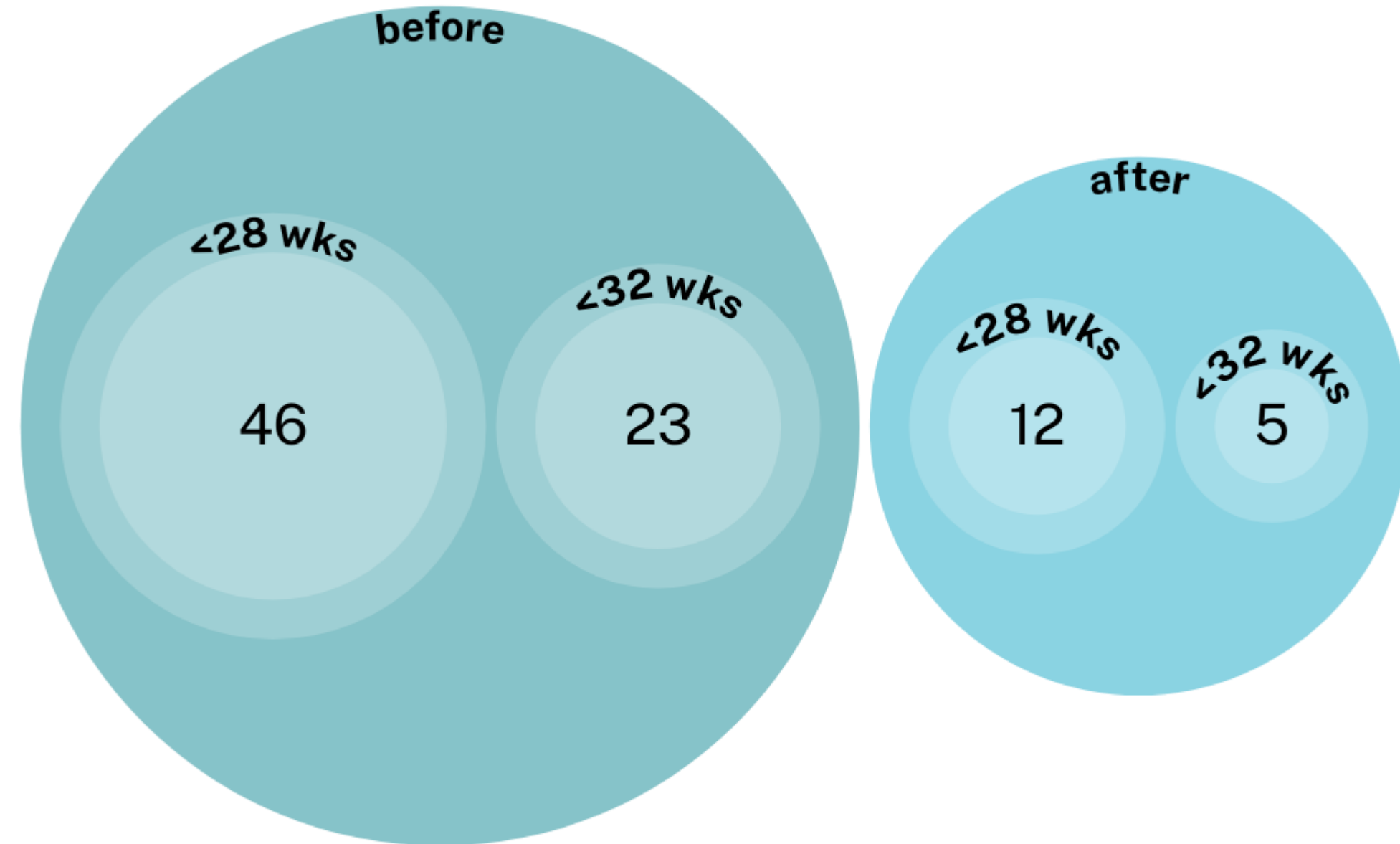
Ecology remains the same in since 2019 apart from KP

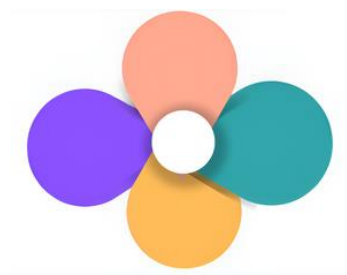


Total positive CONS and false positive BC



Incidence of CLABSI in <32 weekers





Mortality



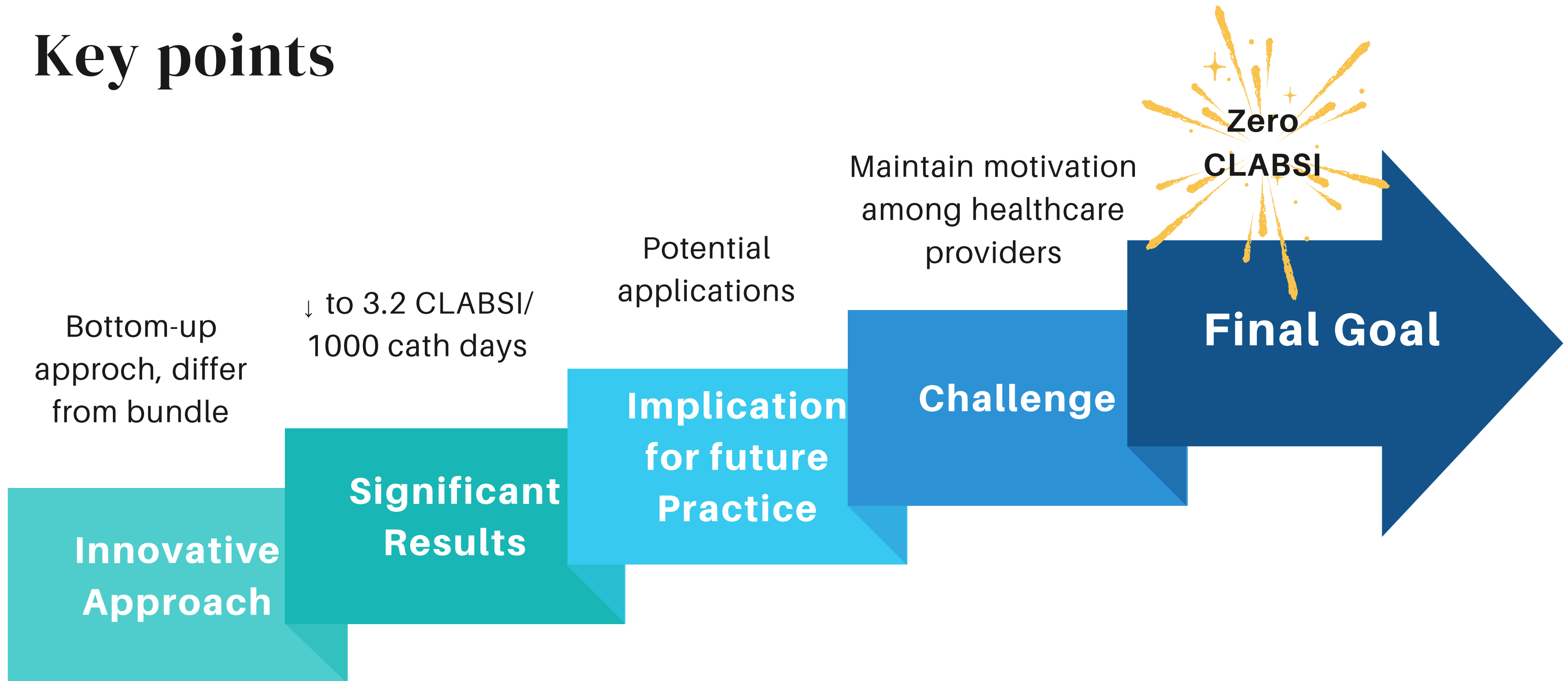
3 deaths in the period
(Case Fatality Rate 15%)

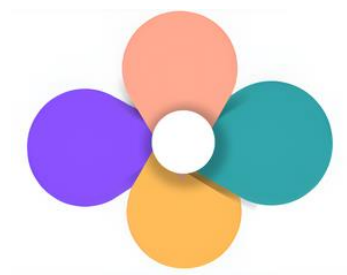
NEC - *Proteus mirabilis*, CONS and
K. aerogenes

All <32 weeks



Key points





- Valerie Sauvan
- Karin Olearain
- Catherine Vassant
- Linda Laalej
- Johanie Alves
- Laetitia Ocampo
- Sebastien Fau
- Caroline Fonzo
- Prune Bellue
- Nathalie Bochaton
- Helène Leyder
- Valerie Sauvan
- Nataline Bochaton
- Francisca Barcos
- Marlene Abreu
- Aline Gaudin
- Delphine David
- Karin Olearain
- Flavia Mangeret
- Yann - Levi Jammet
- Olivier Baud
- Gaud Catho
- Christelle Jacot-Descombes
- Catherine Vassant
- Gaud Catho
- Aline Gaudin
- Eric Giannoni