

Project Title

Prevention of Kinkage of Distal Perfusion Catheter for ECMO Circuit

Project Lead and Members

Project members: Charmaine Ong, Low Hui Ling, Lye Choy Mei, Haziqah Binte Idris,
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Organisation(s) Involved

National Heart Centre Singapore

Healthcare Family Group(s) Involved in this Project

Nursing

Applicable Specialty or Discipline

Nursing

Project Period

Start date: July 2022

Completed date: August 2023

Aims

Detrimental impact of vascular complications such as LL amputation and fasciotomy affects survival. Besides significant decline in quality of life, it increases medical cost and prolonged hospital stay. Therefore, it is utmost importance to keep DPC patent.

Project Attachment

See poster appended/ below

Background

See poster appended/ below

Methods

See poster appended/ below

Results

See poster appended/ below

Lesson Learnt

If given an opportunity to start all over, the team will engage A.L.I.C.E @ SGH Campus at the beginning of the project at PDCA #1.

Additional Information

National Healthcare Innovation & Productivity (NHIP) 2024 – Best Practice (Care Redesign category)

Conclusion

See poster appended/ below

Project Category

Care & Process Redesign

Value Based Care, Functional Outcome

Keywords

Distal Perfusion Catheter, ECMO Circuit

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