Quality Improvement Conference

Step 4



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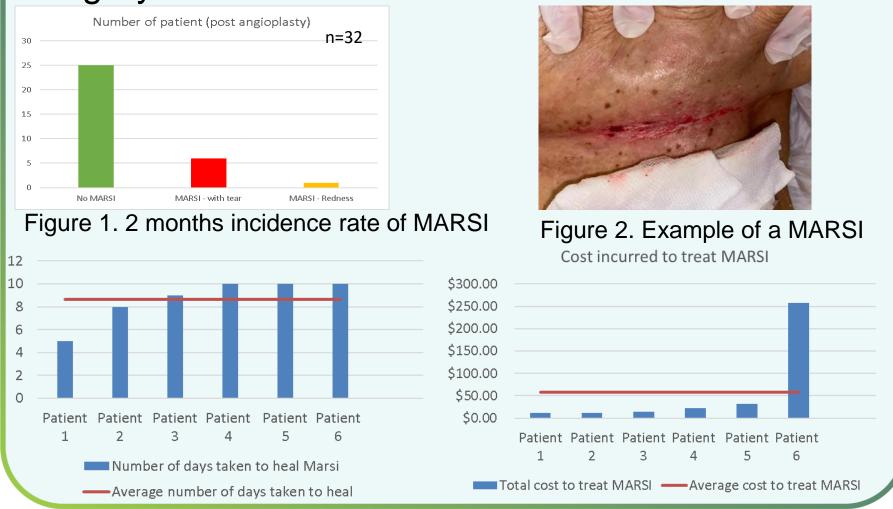
(Image of the Train the

Trainer to Dr Harsha)

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Problem Statement

Medical Adhesive Related Skin Injury (MARSI) is commonly observed on patient undergone angioplasty (femoral approach) in the Vascular Surgery Team.



Project Aim

Reduce the incidence of MARSI secondary to inappropriate technique of removal of groin compression pressure bandages in post-angioplasty patients between Jun and Dec 2021.

Lessons Learnt

Ishikawa diagram demonstrated the main challenges. Lack of resources and education were identified as the top two main challenges faced.

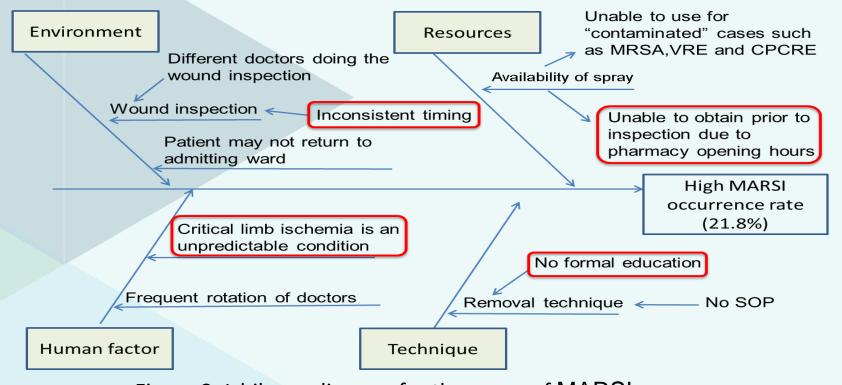


Figure 3. Ishikawa diagram for the cause of MARSI

Data was shared with the Vascular Surgery Team and Operating Theatre nurses and a QI team was formed to look into strategies to reduce MARSI.



Outcomes & Impacts

Gently remove the Elastoplast while supporting the

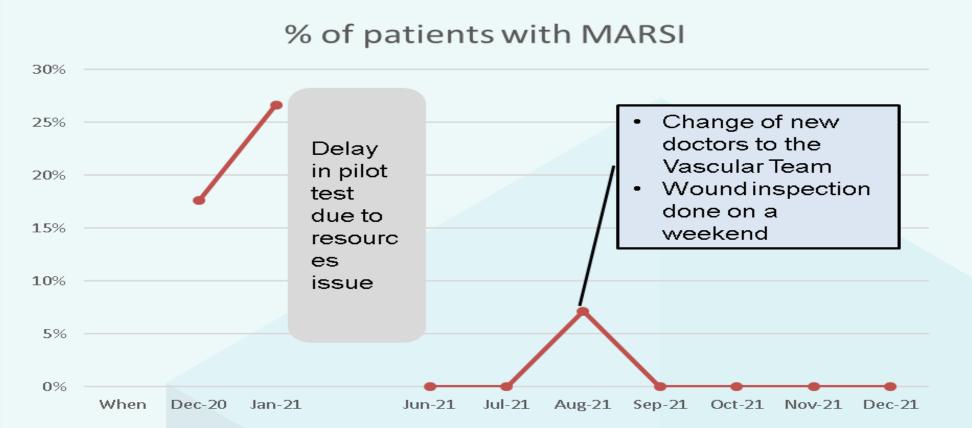
Figure 5. Guide for removal of the groin pressure compression

bandage

The Team has achieve 0.01% MARSI (n= 93) incidence rate between Jun 2021 to Dec 2021.

1 MARSI was observed after removal of the compression bandage by newly rotated Doctor to the Vascular Team who have not been .

MARSI occurrence remains at 0% thereafter which indicated nil operational challenge.



The Team is looking into replacing the Train the Trainer on the proper technique of groin compression pressure removal by creating a video to educate the newly rotated doctors in the Vascular Team