Patient engagement approaches to Increase Patient's knowledge towards Peripheral Intravenous Care to improve safety culture practices

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ABSTRACT

Engaging Patient in the management of peripheral Intravenous Catheter in the Clinical setting is a crucial aspect on ensuring patient safety and positive outcomes.

The initiation of QR code on the care of PIVC is a great approach to increase patient's perception and as a mean of improving safety culture.

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INTRODUCTION

Patient's perception towards Peripheral Intravenous care plays an important role to prevent PIVC related complications.

The implementation of QR code on the care of PIVC, enables patients and family members to scan with mobile phone to learn on the management of PIVC. Patients are able to look after their cannula and reports any concerns which helps the Healthcare providers to take action as early as possible.

METHODS AND MATERIALS

QR codes are placed on the IV drip stands and in patients cubicle for easy access

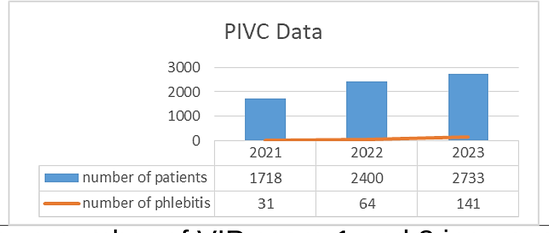


FACILITATORS

The Unit Managers and Nurses plays a vital role in delivering the information of the QR Code to the patients and family members. The awareness is given prior to insertion of IV Cannula and during the ward rounds. The QR codes are placed on the IVD boxes, hanged on IV drip stands and placed on the Patient's cardiac table which enables patients to scan easily with their mobile phone



GRAPHS AND TABLES



	2021	2022	2023
number of patients	1718	2400	2733
number of phlebitis	31	64	141

Data shows number of VIP score 1 and 2 increased with early detection of possible first sign of phlebitis which enables Healthcare providers to take early preventive measures which prevents VIP score of 3 and above(Thrombophlebitis)

DISCUSSION

Patient education via QR code, initiated as a strategy to prevent PIVC complication. Patients engagement by scanning the QR code had increase patients' Perception towards the care on their IV Cannula which enables the Healthcare provider to take early Interventions.

CONCLUSIONS

Engagement of Patient in the care of their peripheral Intravenous Catheter via QR Code education, has shown tremendous improvement in the management of PIVC. Early detection brought prevention of Thrombophlebitis

REFERENCES

World Health Organization
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