

Buck's Traction Video Creation for Promoting Optimal Care of The Femur Fracture Patient

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Introduction

- Nurses in a medical-surgical transitional trauma unit (TTU) at an academic Magnet® level 1 trauma center noted there was increase in phone calls from other units asking for clinical nurse assistance with setting up Buck's Traction for trauma patients.
- Nurses identified limited existing clinical nurse educational resources for utilizing Buck's Traction
 - Desire to develop a video reference to assist nursing colleagues with this skill

Objectives

1. Describe three key tactics used to create a Buck's Traction educational video.
2. List two tactics used to implement this clinical resource.

Evidence

- Video can be highly effective as an educational tool in e-learning environments (Curran et al., 2020)
- In medical education, learners have reported high levels of satisfaction with the brief and concise nature of educational videos, ease of access and use, and ability to view videos in a variety of settings (Curran et al., 2020)
- Studies have compared the use of skeletal traction versus cutaneous skin traction (Buck's) and found skin traction is a useful and cost-effective method of maintaining alignment and pain relief in adult femoral shaft fractures. (Agleby et al., 2020 & Even et al., 2012).

Methods

- January 2021: TTU's Professional Governance Council identified nurses from non-trauma units were seeing trauma patients and identified a lack of clinical resources and training to set up ordered Buck's Traction.
- The council developed a resource binder; however, accessibility was limited. Nurses proposed the creation of a video education reference. Tactics implemented included:
 - Coordinating a team of six clinical nurses, one unit educator and one unlicensed colleague
 - Developing a script
 - Obtaining equipment for filming
 - Practicing and recording the content
 - Providing a voiceover
 - Uploading the video into the organization's online electronic learning management system (LMS)

Outcomes

- Video made accessible in the organization's online electronic LMS in September 2023
- The Buck's Traction education video is:
 - Assigned to all new staff on the TTU
 - Available to all colleagues within the organization
 - Viewed at the network-wide trauma nurse education sessions

Key Challenges

- Coordinating multiple team members' schedules
- Obtaining a simulation center to film the video
- Securing funding during the COVID-19 pandemic

Future Direction

- Maintain the education in the online LMS; update as needed
- Disseminate the project for consideration in a peer-reviewed professional nursing journal



[WATCH VIDEO HERE!](#)

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