

ASSESSMENT OF TRAINING NEEDS FOR NEW SAFETY IV CATHETER

Lorraine J. Lucas, Ph.D., MSPH
Bacem C. Georges, MBA/HSA

NEEDS ASSESSMENT:

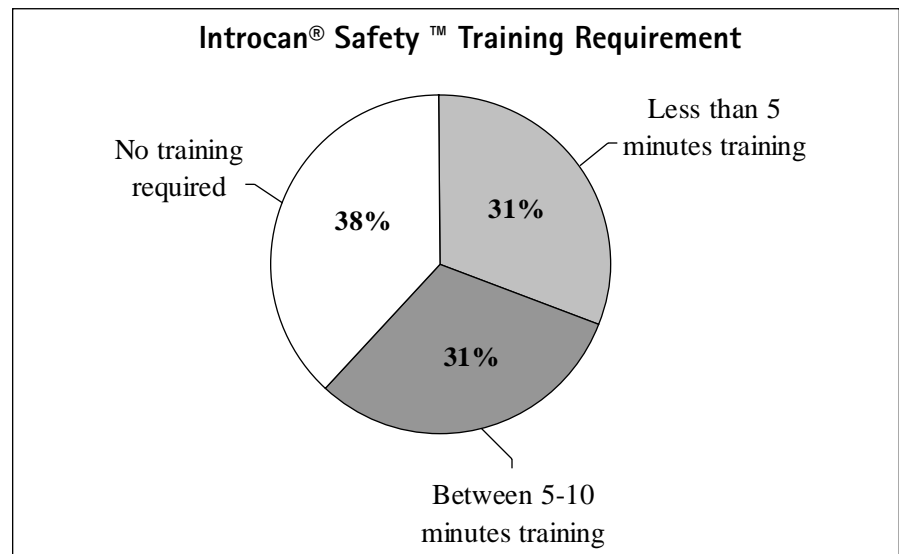
Current safety IV catheters typically require changes in user technique, resulting in increased costs and time to introduce new safety devices, which may severely impact the use of safety technology, placing healthcare workers (HCWs) at continued risk. Following recent state legislation mandating implementation of safety devices, B. Braun Medical Inc. conducted field evaluations (March 1999) of the Introcan® Safety™ IV catheter in the Emergency and Ambulatory Surgery Departments at a 1250 bed medical center in Northern California.

OBJECTIVES:

Assess training requirements and clinicians' adaptability of a newly designed safety IV catheter with minimal inservice training required.

RESULTS:

13/20 (65%) nurses responded to a survey regarding design characteristics (ease of use, altering of IV placement procedures), comfort of protection against needlestick injury, and training requirements of the Introcan® Safety™ catheter. Nearly 40% of HCWs reported no inservice training was required; over 60% suggested training of < 10 minutes. No needlestick injuries occurred among 55 catheters inserted.



IMPLICATIONS:

With the Introcan® Safety™ passive design, inservice time is minimal because there is no modification of IV insertion technique. Decreased costs associated with staff training will enable healthcare providers to comply with legislative requirements in a more timely and cost effective manner.