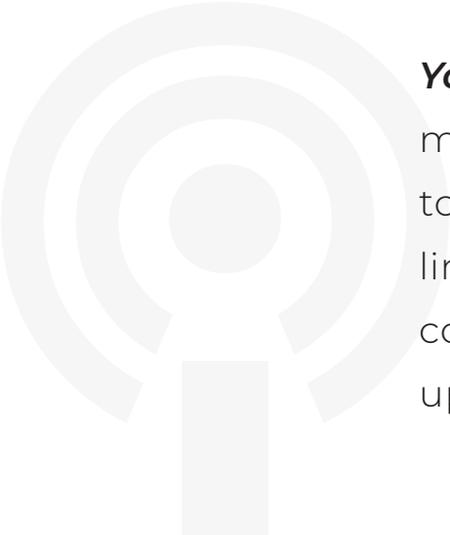


MedLite ID[®]

Be Enlightened[™]



***What If You Could
Protect Your Staff
By Reducing Their
Exposure to
COVID-19?***



You can. MedLite ID is a simple-to-use, disposable medical device designed to reduce the time it takes to trace the primary/emergency medication infusion line by 1-2 minutes per patient, per line tracing. This could reduce a 16-bed unit's exposure to COVID-19 by up to two hours per 12-hour shift.

medliteid.com

Standard line-tracing requires caregivers to be in close proximity to patients and can increase their exposure to COVID-19.

THE CHALLENGE

MedLite ID allows frontline caregivers to provide optimal care while reducing their risk.



- **Complexity of care.** Many critically ill patients have six or more IV infusion lines making the task of locating the correct injection port confusing, stressful and time-consuming.
- **Make-shift solutions.** Some facilities have moved patients IV pumps into the hall and are using line extensions in an effort to reduce the nurse's exposure to the virus. Unfortunately, if there are two patients in a room with multiple infusions, they are unable to do this due to line confusion and inability to properly trace the lines.
- **Added workload.** Based on stories coming from the front lines, nurses who traditionally cover two to three patients, are now caring for more critically ill patients— increasing stress and workload.
- **Inexperience may result in errors.** Working with critically ill patients with multiple IV infusions is complex and requires specialized care. Due to COVID-19, nurses that have no previous experience caring for the critically ill, those that were retired or fresh out of nursing school may be asked to care for these patients— increasing the risk of errors and stress on these nurses.

DIXIE STATE STUDY SHOWS REDUCED TIME AND STRESS

Dixie State University (DSU) School of Nursing Study: Nursing students were given the task of injecting a patient with a relaxant prior to transport. Each patient had four infusion lines and the nurses were timed with and without MedLite ID.

Results:

- All nursing students decreased the time it took them to find the primary / emergency medication line with an overall time savings of 34%, or nearly one minute per line tracing (based on four infusion lines- per Kane Gill each additional IV line adds complexity)
- All participating nurses stated that MedLite ID reduced their stress levels
- Overall 51% nursing productivity / efficiency improvement

A simple, innovative technology designed to improve patient care, safety and efficiency

HOW MEDILITE ID CAN HELP

During this unprecedented and incredibly challenging time, identifying new technologies and solutions is more important than ever.

MedLite ID is a new, unique medical device that lights the primary/emergency medication line to reduce the time it takes to perform line-tracing, the risk of exposure to COVID-19 and the stress associated with this complex task.



IMPROVES

- Patient care and safety by reducing risk of errors associated with multiple IV infusions
- Efficiency of line tracing by 34% — saving up to one-minute per task with just four lines, increasing accuracy and mitigating risk
- Productivity during emergency situations, patient transports and shift changes



REDUCES

- Stress and exposure to COVID-19 virus
- The time it takes to identify the primary/ emergency medication line to seconds
- Medication errors and related costs associated with the complexity of multiple infusions



MEDLITE ID REDUCING COVID-19 PATIENT CONTACT

Projected Benefit While Caring for COVID-19 Patients

Hypothesis: A mid-sized hospital ICU unit has 16 beds. If 60% of those patients have an average of eight infusion lines, that would be 9.6 beds. Each patient's IV site is checked every two hours when the nurse enters the room to reposition the patient.

- 9.6 patients with four lines would result in reducing time of exposure by approximately 57.6 minutes per unit per 12-hour shift.
- ***Line-tracing for these patients with eight lines could result in approximately two hours reduction in exposure to COVID-19 per unit per 12-hour shift.***



MEDLITE ID PRODUCT FEATURES



- Ensures the primary / emergency medication line is visually distinct from all other lines
- Quick and easy installation with auto-on and device pairing
- Lights at the drip chamber, primary medication injection site and the venous access catheter
- Omnidirectional: pressing any of the devices, lights all three
- Permanently attaches to and compatible with all manufacturers infusion tubing
- Disposable: discarded along with the infusion line
- Battery life: approximately of 100 hours after activation

ABOUT MEDLITE ID

MedLite ID is a medical device manufacturer that partnered with the University of Notre Dame and Dixie State University to develop a unique solution to light the primary / emergency medication infusion line. The device creates an easily identifiable way to help prevent medical errors due to infusion confusion and improve patient safety. For more information on MedLite ID, please visit medliteid.com.

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