TechNation

Webinar ▶ Wednesday

Dana Ingram presents

Defibrillator and AED Best Practices: Saving lives, one test a time

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Wednesday, March 11, 2015, 2:00pm EST

PRESENTER: DANA INGRAM, PRODUCT MANAGER FOR FLUKE BIOMEDICAL

As one of Fluke Biomedical's Product Managers, Dana Ingram manages the Defibrillator, AED and Pacemaker analyzers and testers product line. Dana has over 7 years of product marketing experience, as she was previously a Product Manager for the Global Strategy & Development Infusion Device Group at CareFusion in San Diego. Prior to that, she held several Product Marketing positions within Mentor Worldwide, a Johnson & Johnson Company.

In this 60 minute presentation Dana will be discussing the best ways to test defibrillators and AEDs for preventive maintenance. This will include information on current global regulatory standards.

With high AED failure rates, there has been increased FDA scrutiny in testing defibrillators and AEDs. Join Fluke Biomedical's Product Marketing Manager, Dana Ingram, as she discusses how to ensure proper performance of modern defibrillators and AEDs, including:

- Global testing standards
- Best practices in defibrillators
- Best practices in AEDs

Get valuable insights on one of the most highly regulated medical devices and learn how we can save lives by making sure defibrillators and AEDs work the first time, every time.

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Defibrillator and AED Webinar Workbook (Fill-in-the-Blank)

1) Defibrillators and AEDs convert certain _____ and _____ back to normal.

2) Regulated by the FDA, defibrillators are classified as a _____ medical device.

3) The standards that require defibrillators to be tested on different resistance loads to ensure proper current is delivered to patients with different impedances are _____ and _____.

4) The _____ established standards for particular basic safety and essential performance requirements for cardiac defibrillators.

5) Preventative maintenance testing on defibrillators is recommended _____ times a year.

6) The standard testing load for defibrillator devices is approximately _____ ohms.

7) Check and test performance of all patient parameters including _____, _____, _____, _____, _____, _____.

8) Human impedance variability has been shown to vary from _____ to _____.

9) Recall/corrective action root causes are _____, _____, and _____.

10) Many AED failures could have been solved by performing _____, _____ and _____.

11) _____ are under increased scrutiny by the USA FDA due to high failure incident reporting rates.

ANSWERS: 1.) heart arrhythmias and ventricular fibrillation, 2.) Class III, 3.) IEC 60601-2-4 and AAMI DF80, 4.) IEC (International Electrotechnical Commission), 5.) Two (2), 6.) 50, 7.) ECG, Arrhythmia, Sp02, NIBP, IBP, ETCO2, 8.) 25 ohms to 180 ohms, 9.) microchip failure, battery failure, and power supply/recharging circuit failure, 10.) daily checks, monthly tests, and detailed tests, 11.) AEDs

Thank you for attending Webinar Wednesday!