



TRAINING

IEC 60601 Electrical safety

Duration: **8 hours** | 2x 1:00 – 5:00 PM CEST | 7:00 – 11:00 AM EDT

Date: **May 9-10th 2023, Online**

Speaker: **Stefan Staltmayr**

Training objectives:

- Gain general understanding of IEC 60601 standards (collateral and particular standards)
- Learn to interpret clauses of IEC 60601
- Insights on electrical safety requirements of medical electrical equipment according to IEC 60601-1 3.2 Edition

Training content:

By attending this training, you will receive in-depth knowledge on the following topics:

- IEC 60601 internationally (market legislation and national differences)
- Explanation of Certification Body (CB) scheme and Nationally Recognized Testing Laboratory (NRTL)
- Short introduction to Risk Management according to ISO 14971 3.0 Edition and Usability according to IEC 60601-1-6 3.2 Edition/ IEC 62366-1 1.1 Edition
- Apply IEC 60601-1 3.2 Edition requirements on medical electrical equipment
- Safety concept and single fault condition
- Focus on clause 8 protection against electrical hazards from medical electrical equipment
- Classification of medical electrical equipment
- Insulation diagram of medical electrical equipment (air clearance and creepage distances)
- Means Of Operator Protection (MOOP) vs. Means Of Patient Protection (MOPP)
- Examples of required tests (leakage current, touch current and dielectric strength)
- Selection of components for list of critical components
- Introduction into IEC 60601-1-2 4.1 Edition

Training format:

- Presentation with interactive discussions
- Exercises during the training
- End of training assessment (participants will receive training certificate)

Group of participants:

- Manager and employees working in Quality Assurance or Regulatory Affairs department of medical device manufacturer
- Manager and employees working in Research and Development department of medical device manufacturer
- Technical medical device consultants and associates
- Auditors of medical devices

Price:

EUR 775 incl. course material and certificate

Registration: education-veranex.talentlms.com

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