European Resuscitation Council guidelines 2021: cardiac arrest in special circumstances.

Guideline ID: 2865 Published: 2021 Apr

European Resuscitation Council (ERC)

Lott C, Truhlář A, Alfonzo A, et al. European Resuscitation Council guidelines 2021: cardiac arrest in special circumstances. Resuscitation. 2021 Apr;161:152-219. [659 references]
PubMed

View Original Guideline

Overview

Guideline Objective

To provide guidelines on the modifications required to basic and advanced life support for the prevention and treatment of cardiac arrest in special circumstances, including special causes, settings, and patient groups

Patient Population

Patients requiring life support

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Guidance on management of life support in special circumstances, including special causes (hypoxia, trauma, anaphylaxis, sepsis, hypo/hyperkalaemia and other electrolyte disorders, hypothermia, avalanche, hyperthermia and malignant hyperthermia, pulmonary embolism, coronary thrombosis, cardiac tamponade, tension pneumothorax, toxic agents), special settings (operating room, cardiac surgery, catheter laboratory, dialysis unit, dental clinics, transportation (in-flight, cruise ships), sport, drowning, mass casualty incidents), and special patient groups (asthma and COPD, neurological disease, obesity, pregnancy)

Note: Full recommendation statements have not been provided because this guideline does not meet EGT's systematic review of the evidence criteria. Refer to the original guideline for more information.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

- The Original Guideline is also available from the *Resuscitation Journal*; 2021 Apr.
- Guideline Translations.

Implementation Tools

- European Resuscitation Council Guidelines 2021: Executive Summary.
- Algorithm Posters:

    - Traumatic Cardiac Arrest/Peri-Arrest.
    - Emergency Treatment of Hyperkalaemia.
    - Accidental Hypothermia.
    - Management of Acute Asthma in Adults in Hospital.
    - Coronary Thombosis.
    - Toxic Exposures.
    - Cardiac Surgery.
    - Cardiac Catheterisation Laboratory.
    - ICPR.
    - Avalanche Rescue.
    - Hyperthermia.
- Special Circumstances 2021: 5 Top Messages Infographic.
- Special Circumstances Video; 2021 Mar 29.

Patient Education

No patient education materials available.

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