SERVIZO GALEGO DE SAÚDE

FUNDACIÓN GALEGA DE INVESTIGACIÓN BIOMÉDICA GALICIA SUR

INTERACTIVE GUIDE FOR PARENTERAL DRUG ADMINISTRATION IN CARDIOLOGY – Carvifarma ©

PROTECTION

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BACKGROUND

The management of **patients with acute cardiovascular conditions** in the hospital setting requires the safe, rapid, and precise administration of drugs via the parenteral route, especially intravenously.

However, information about these medications is often scattered across different sources, making quick consultation difficult and increasing the risk of errors in critical situations. Additionally, the correct preparation, storage, and administration of these drugs is essential for both cardiologists and nursing staff, who often need immediate access to updated and validated information to ensure safety and efficacy in patient care.

Researchers in this field are focused on the need to create and implement digital tools that **centralize and simplify access to essential information** about the most commonly used drugs in acute cardiology.

ACHIEVEMENTS AND RESULTS

Carvifarma© is a mobile application designed and developed by a multidisciplinary team of cardiologists, nursing staff, and pharmacists.

The app provides a concise and practical summary of the most relevant aspects of commonly used parenteral drugs in cardiology, including presentation, indications, dosage, adverse effects, and contraindications. It also includes specific information for nursing staff, with instructions on storage, preparation of dilutions, and key details for safe administration.

Carvifarma© is implemented in the SERGAS (National Service of Gastroenterology) and is available on the main download platforms (Android and iOS), facilitating universal and free access to information and contributing to the ongoing training of healthcare professionals involved in cardiovascular care.

Access the Carvifarma© App through the Google Play and Apple Stores.

PURPOSES AND ADVANTAGES

The **main advantages** of this technology are:

- **Quick and centralized access to information** on parenteral drugs in cardiology.
- **Improved safety in medication administration**, minimizing risks and errors.
- **Optimizes healthcare professionals' time**, enabling faster and more informed decision-making.
- **Developed by experts in cardiology**, nursing, and hospital pharmacy, with validated information adapted to clinical practice.
- **Easy access from mobile devices**, available free of charge to all healthcare professionals.
- **Facilitates ongoing training and knowledge updates**, contributing to excellence in the care of patients with this condition.

Download on the App Store

CONTACT INFORMATION

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