

Specifiche Premio Accessibilità Sostenibilità Qualità della Vita



Nome Prodotto

CPR Glove

Progettista

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Azienda Produttrice

ATREO MEDICAL INC.

Campo di attività

Design, develop and market new patented technologies in the medical device industry.

Certificazioni

CPRGlove wins international invention prize from National Inventor's Hall of Fame.

Azienda distributrice

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**e dell' innovazione
Web page**

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Descrizione del prodotto

A significant development in cardiopulmonary resuscitation technology. It is a portable, inexpensive, and adaptive device designed to greatly improve the success rate of cardiopulmonary resuscitation (CPR). As simple as putting on a glove, this device will jump into action in an emergency, calmly guiding you through the life-saving steps of CPR. It also includes an array of sensors that immediately provide you with important feedback. Not only will the CPRGlove improve emergency CPR, but it will also help improve both CPR training and testing.

What most distinguishes this device from all other technologies is that every component is completely incorporated into a wearable glove, increasing device accessibility, portability and autonomy. This device can be easily stored in first aid kits, pool houses, homes, community centers, restaurants, malls or any other location where it may be needed.

Materiali

Dimensioni

Tecnologia / Funzionamento

Designed to improve the CPR process in three ways. The glove acts as a training device, a testing device and a device to guide an individual through a real emergency requiring CPR. Through the delivery of objective data, this device facilitates the CPR training process by removing ambiguity and standardizing CPR technique. In real emergencies, it guides an individual through each phase of CPR. Furthermore, data feedback is provided to the user in real-time so that CPR is performed effectively and efficiently. The CPRGlove is currently a functional prototype and the company's next step is to design and manufacture a commercial prototype that has the ability to endure clinical testing.

Benefici per l'ambiente

Benefici per la persona

Increase accessibility, portability and autonomy in emergency CPR. Correctly administered CPR can double the chance of survival.

Altri prodotti che seguono criteri di innovazione accessibile e sostenibile per una migliore qualità della vita

