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RxTRAKKER™ WRIST BAND

Wrist band

eSUNTech has been in the business of developing solutions to improve and simplify healthcare operations. We have a history of innovation and remain at the forefront of new technology development. To assist the healthcare of disabled, speech impaired, vision impaired or anyone who wishes to have their medical history available at time of emergency need, eSUNTech has developed a wrist band solution which provides patient medical history/condition status real-time. The wrist band, a component to the **RxTRAKKER** System solution is worn by the wearer to alert appropriate personnel that medical information is available for review. Appropriate personnel will use a mobile handheld computer to read & display the wearer's medical information.



Transponder



RFID Technology



Using RFID (Radio Frequency Identification) technology, medical history information is recorded on a transponder. A transponder is a memory chip which stores information. Using advanced Encryption and Compression algorithms patient information is kept private and cannot be read or altered by other computer systems. Medical history information in the transponder can be updated to reflect change in medical information. An example of medical history information is: **Patient identification (name/address), next of kin contact information, Doctor's contact information, Blood type, Religion, DNR status, Medical conditions, Allergies and Medical Insurance information.** Medical information to be recorded can be updated with read/write ability hundreds of times. The transponder can easily be attached to wrist bands, belts, watch bands, lanyards, clothing and withstands the outside elements (water, snow, heat, cold, etc).



Medical jewelry attachment



Watch band



Neck Lanyard

Wrist Band Benefits

- View & real time analysis of patient medical history information
- Awareness of patient allergic reactions
- Awareness of patient critical medical conditions
- Medical history for Speech impaired & Hearing impaired
- Medical history for special needs patients
- Medical history for field workers in all environments
- Medical history available outdoors for Emergency Rescue Squads
- Enhanced EMS patient care due to available medical history
- Patient medical history at Nursing Homes/Assisted Living Centers
- Date/Time stamp of all activity of medical history updates
- Patient medical history available anywhere real-time

Who can benefit

- In-Patients in Hospitals, Assisted Living Centers and Long Term Care facilities.
- Field workers in Electric Utilities, Construction Companies, Offshore Oil Platforms.
- Field Personnel working in hazardous environments or plants.
- People with Special Needs, Speech Impaired, Vision Impaired or Elderly ones
- People engaged in Adventure Sports, Scuba Diving, Mountaineering, Camps etc.
- Schools, Large Businesses, Airports, Government Facilities and many more.

RxTRAKKER system and RxTRAKKER wrist band

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