



Local & Wireless Recording of 12 Lead ECG & Other Vital Signs Using a (Physio) glove

PhysioGlove-ET

COMMWELL INC.

The revolutionary "PhysioGlove ET":

- The first fully diagnostic, 12 lead ECG recording and transmission system for patient self-use.
- Bluetooth-Cellular connectivity allows one push-button ECG transmission from almost anywhere to almost anyplace, worldwide.

The problematics of diagnostic 12 lead ECG recording:

- Despite it being one of the most utilized tools of modern medicine, the traditional 12 lead ECG recording is still very cumbersome and fraught with many diagnostic inaccuracies.

The "PhysioGlove ET" ECG self recording is a fail proof procedure:

- The Commwell Inc. revolutionary, patented "PhysioGlove" (US patents # 6,516,289; # 6,842,722) makes ECG recording easy and exact. All ten ECG electrodes are incorporated in a glove worn by the patient on the left arm, naturally positioned on the patient's chest with minimal coaching.

The "PhysioGlove ET" ECG self recording is diagnostically correct & always reproducible:

- The almost automatic placement of the "PhysioGlove ET" invariably places all electrodes in the same anatomical location.
- Patient self use is easy, therefore ideal for Tele-health use.
- No need for special skin preparation (shaving of hair etc.).
- A 12 lead ECG recording takes less than 1 minute.
- ECGs are always reproducible, offering the only available, diagnostically accurate, self recording 12-Lead ECG device.
- The storage of previous reference ECG information enables immediate comparative analysis.

The "PhysioGlove ET" -a central tool for cardiological Tele-health:

Tschemic heart disease: The number one killer in modern society

Acute Coronary Syndrome:

- Earliest possible detection of acute myocardial ischemia.
- Earliest possible medical intervention for myocardial preservation.
- Earliest possible revascularization.
- Early prevention of Sudden death (adjunctive to AED).

Chronic Ischemic heart disease:

- Immediate post MI home surveillance.
- Immediate post MI risk management.
- Post MI monitored cardiac rehabilitation.
- Home management of Chronic Ischemic episodes.

Arrhythmia diagnosis & management

- Multi-lead advantage for the exact definition of arrhythmias.
- Long, online, single lead ECG recording availability.

The "PhysioGlove-ET" - a central tool for an all inclusive Tele-health system

Adding parameters such as NIBP, SaO2, Plethysmography, a stethoscope, thermometer etc. transforms the "PhysioGlove-ET" into a central Tele-health tool for a wide range of patients in need of chronic disease management as well as emergency interventional capability.