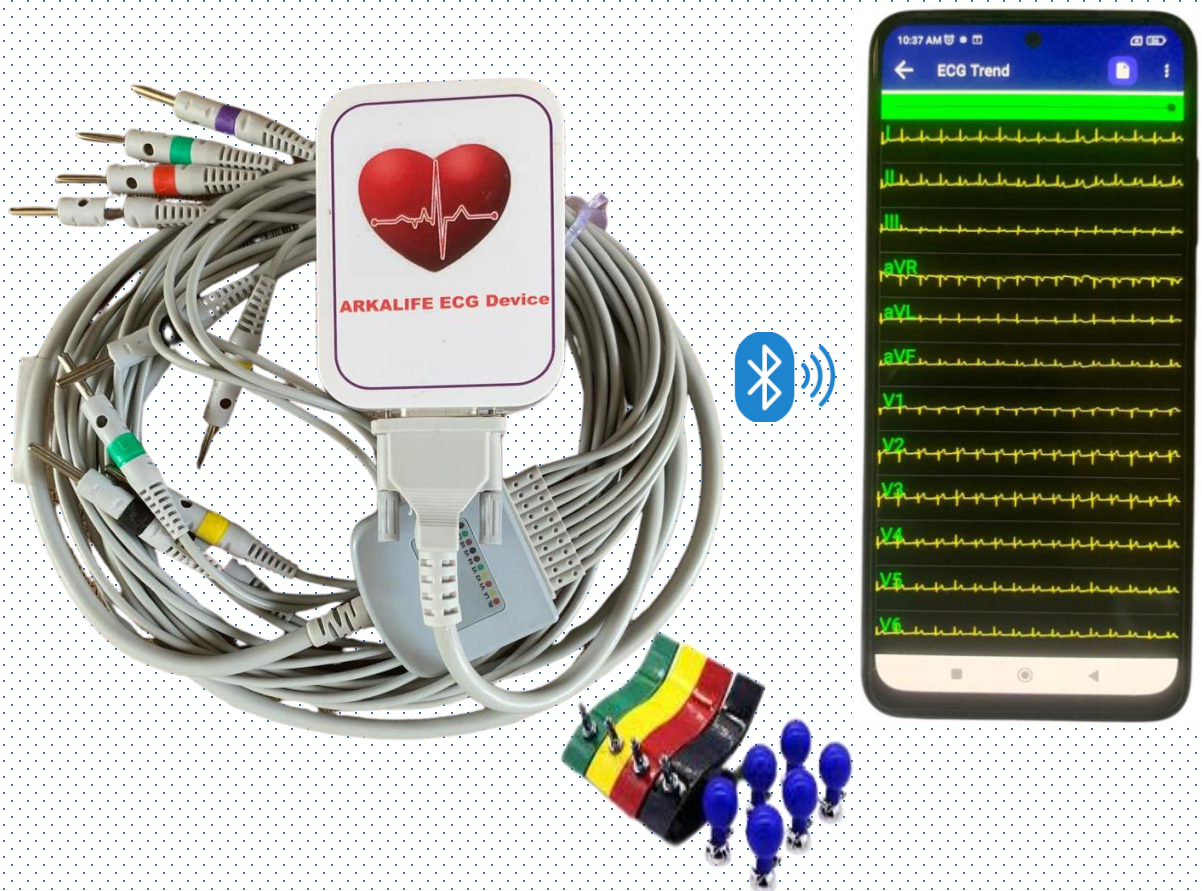


akshara arka

ARKAALIFE

World's Smallest Simultaneous 12 Channel ECG Device

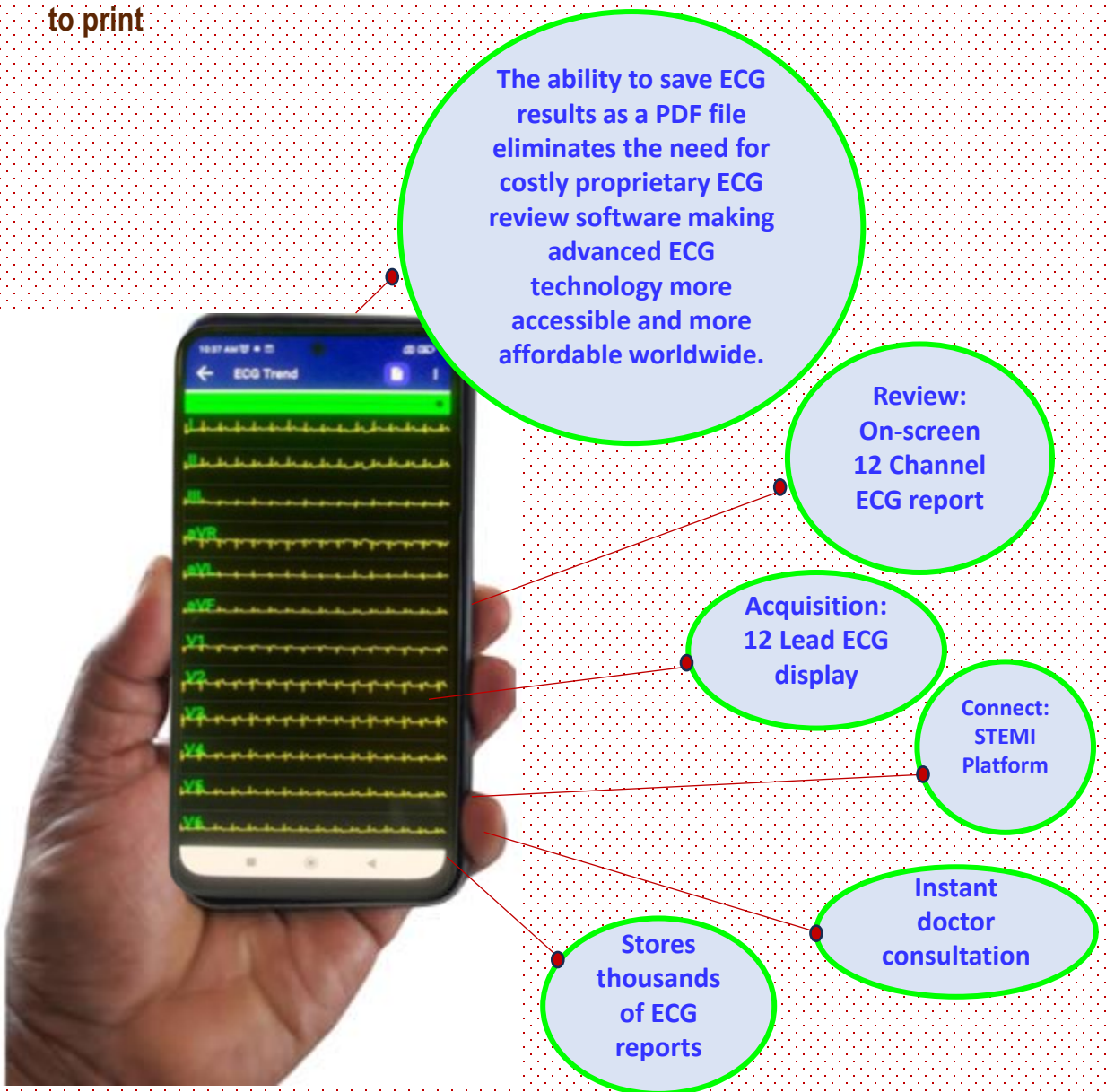
Saving Lives Is Amazing, Let's Do It



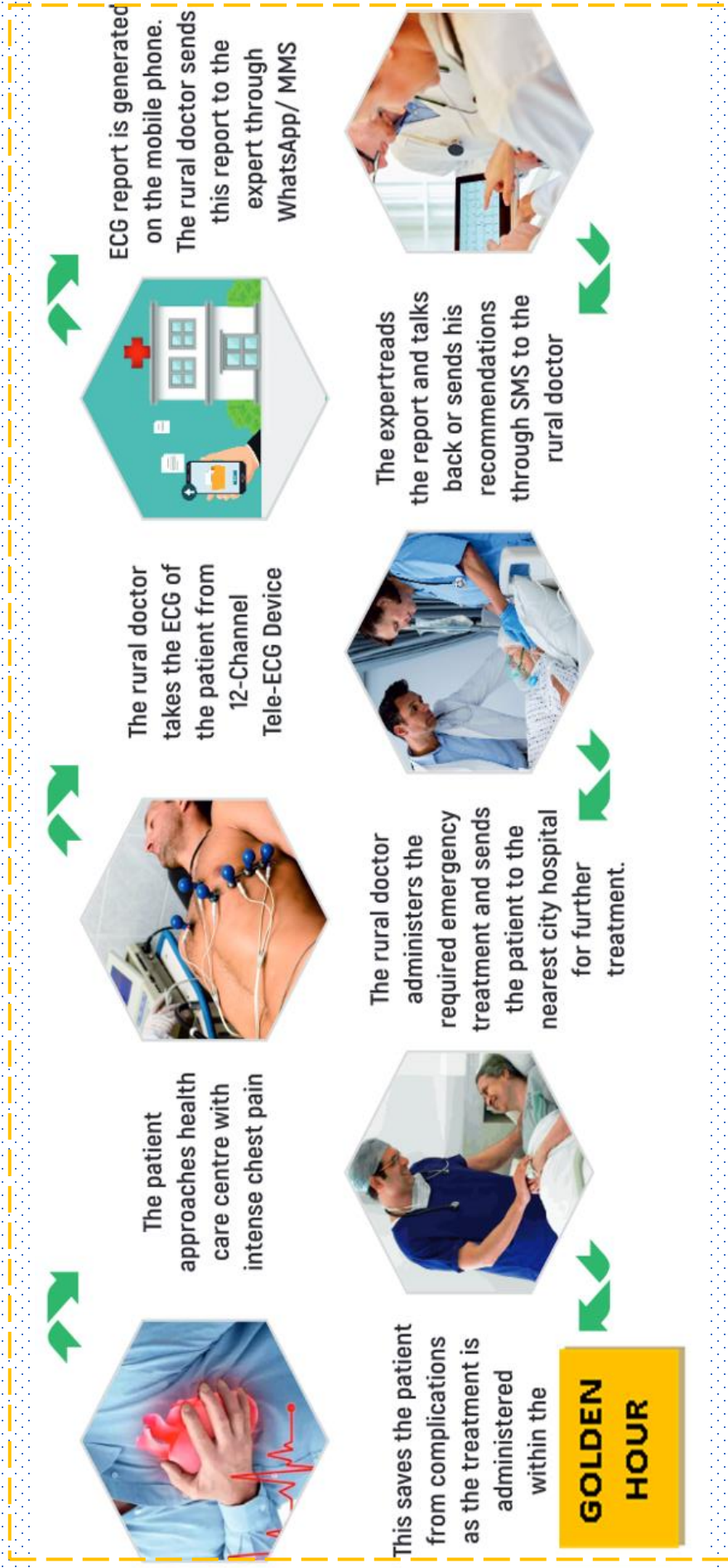
**CONFRONTING THE WORLD'S NUMBER ONE KILLER
CARDIOVASCULAR DISEASE (CVD)**

Viewing Cardiac Health in seconds

- Easy-to-use ECG Device latest technology enables physicians to test more patients in a less time
- Reaching access to high-quality healthcare for everyone
- Designed as easy as “connect and click,” while ensuring the quality of ECG data.
- The result is a fast, simple ECG testing process that helps physicians focus on diagnosis and care
- Accuracy of ECG signal quality in order to avoid expensive ECG re-recording support faster patient testing
- Simple, one-touch operation
- Clear display for accurate, instantaneous results review, eliminating the need to print



Reaching and connecting more people with digital ECG



- **Real time ECG measuring**
- **Cost effective monitoring**
- **Wireless transmission of data**

Main Features

- State-of-the-art technology - fully digital format ECG reports for accurate diagnostics.
- Light weight < 150 grams (without accessories).
- 1 year warranty and guarantee.
- More than 150 ECG reports generation with single recharge of battery.
- Maintenance not Required.
- Calibration not Needed.
- ECG report in PDF format for long lasting.
- Zero cost paperless ECG report.
- Unlimited ECG reports storage based on your mobile capacity.
- One-time investment for the ECG machine.
- Ideal for use in Hospitals, ICU's, Rural Areas, Primary Health Centers, Community Health Centers, Asha Workers, Medical Camps, Individuals, Ambulance, Air Ambulance, Diagnostic Centers, Private Clinics, Remote Clinics, Tele Consultation etc..

Additional Features / Customization

- AI enabled ECG report for quick analysis of ECG report.
- AI assisted ECG with Cardiologist review.
- Cardiologist Consultation.
- STEMI platform integration.

Paper less ECG technology in your hands

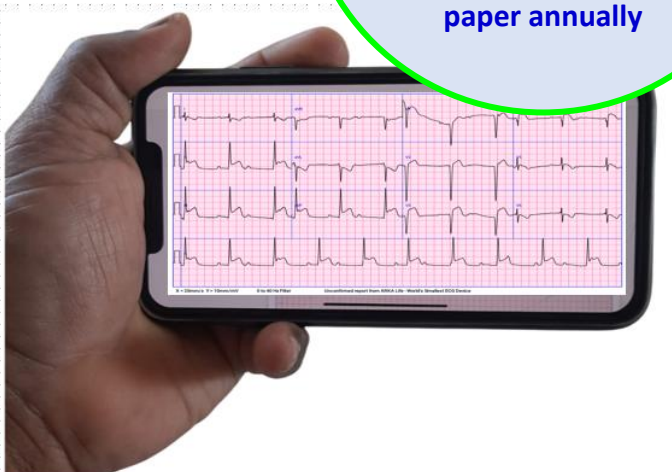
ARKALIFE ECG Device is an advanced diagnostic tools at your fingertips, which enables physicians to deliver one of the world's best ECG analyses. And with on-screen ECG results, you have the completely digital workflow that can help you diagnose patients faster than ever before.

On-screen preview of ECG waveforms and 12 channel interpretation enables digital ECG workflow for faster time to treatment

Proven analyses helps support diagnostic confidence

12-lead color display provides clear Results review without printing

By using ARKALIFE ECG Device report facility on-screen, in rural and urban health centers, it has potential to save one tree per year, or 60kg paper annually



Technical Specifications

Product Name	:	ARKALIFE ECG DEVICE
Model Number	:	ALECG
Manufacturer	:	Aksharaarka Enterprise Private Limited
Dimensions	:	10 x 7.6 x 2.5 Cm
Weight	:	150 grams (without accessories)
Resolution	:	640 x 480
Power	:	Rechargeable Li Battery. 3.7 V/ 1050 mAh
Charging	:	USB Type – B, 1.5 – 2 Hrs Charging Time, 150 ECGs or 6 Months standby
Acquisition time	:	10 sec
Lead Fail Indication	:	Yes
Virtual Key Board	:	Yes
Lead Annotation	:	Yes
Size of the Printing paper	:	A4 size
Operational Conditions	:	10 °C to 50 °C (50 °F to 122 °F), 20% to 90% Relative Humidity
Storage Conditions	:	0 °C to 55 °C (32 °F to 131 °F), 10% to 90% Relative Humidity

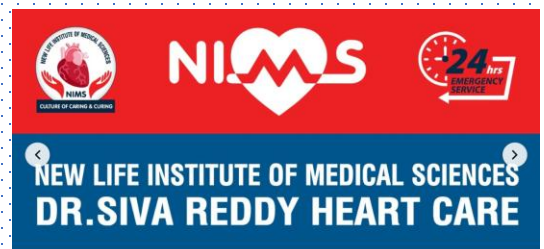
ECG Acquisition Details

Number of Channels	:	12 – Lead Simultaneous ECG from 10 electrodes
Lead Acquisition	:	Adult and Pediatric
Connectivity	:	Wireless / Bluetooth
Frequency Response	:	0.01 ~ 250 Hz
Time constant	:	> 3 Seconds
Input Impedance	:	> 10 MΩ
Defibrillator Protection	:	Up to 8KV
CMRR	:	115dB
Sampling Rate	:	500 samples per second
Resolution of ECG print	:	25mm/sec speed
Recording	:	Live and Continues ECG Monitoring of a Patient
Principle	:	Bio-potential sensing by surface electrodes.
Configuration	:	Einthoven 12 Leads
A to D Conversion	:	12 bit
Filters	:	Line Frequency, Base Line and Muscle Filters
Noise Level	:	< 15μVp-p

Accessories

1. Standard 10 Lead Patient Cable
2. Six (6) Chest Electrodes
3. Four (4) Clip / Limb Electrodes
4. Charging cable
5. Kit bag and Pouch to hold the ECG Device and Accessories
6. ECG electrode gel (consumable)

Users

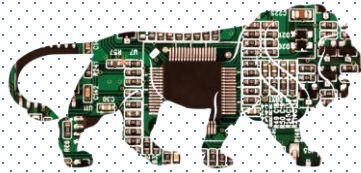


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Regulations and Certifications:



GeM
Government
e Marketplace



MAKE IN INDIA



Manufactured by

Dr. A. T. Raghaavenderr

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