Mobile Care Unit
Making Medicine Mobile

TMA Medical® Medical assistance anywhere anytime
Mobile Care Unit
Screening examination system designed for eHealth and Telemedicine

The Mobile Care Unit (MCU) is a unique stand alone multidevice examination system for portable or stationary use, controlled by a dedicated touch screen user interface. It integrates modern communication tools making telemedicine operation reliable and affordable.

* Recommended for Screening, Telemedicine and eHealth projects
* Wide range of examinations: ECG, SPO2, NIBP, Spirometry, Urine Analysis, Blood Glucose, Cholesterol...
* User friendly operation via touch screen commands; no medical background necessary
* Ultrasound available for examinations of abdomen, obstetric...
* Easy to customize and interface with existing telemedicine platforms
* Ideal for remote areas, emergency, primary care and prevention
* Video consultation, Second opinion
* Secured operating system, remote service & support

Remote Consultation:

* Control of all examinations
* On line 12 leads ECG
* Remote diagnostic
* Second opinion

Video Medical Assistance:

Video and voice multipoint are essential tools to assist remote consultation, particularly in remote areas with critical circumstances or emergency cases.

* Video call using encrypted channels
* Optimized settings according to internet bandwidth
* "White board" for sharing medical information and consultation reports

Service and Support:

The Mobile Care Unit can be reached anywhere anytime for immediate remote support, using the most advanced access functionalities

All examination results are stored on an electronic record and may be reviewed any time.
Mobile Care Unit examinations:

- 12 Lead ECG simultaneous
- Pulse Oximetry
- Blood Monitor
- Blood Glucose
- Urine analysis
- Videoscope
- ORL & Dermatology
- Color Vision
- Visual acuity Test
- Audiometer
- NIBP
- Spirometer
- Health Scale & BMI
- Hematology
- Rapid Tests (HIV, Malaria, Hepatitis ...)
- Ultrasound 3.5 to 12 Mhz probes
- Video Consultation
- Digital Camera
- White Blood Cell count
- Point of Care CD4
- Blood Glucose
- Spirometer

Mobile Care Unit- Basic configurations:

<table>
<thead>
<tr>
<th>Models</th>
<th>12 Lead ECG simultaneous</th>
<th>NIBP</th>
<th>Pulse Oximetry</th>
<th>Spirometer</th>
<th>Blood monitor</th>
<th>Audiometer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Check-up</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cardiac</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cardiac-check</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Screening</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Synchronization with central database and call center:
The homogeneous electronic medical record is created on MCU and transmitted using various internet connectivity methods (LAN, WLAN, 3G, WIFI, PSTN, and Satellite).

Electronic Medical Record (EMR):
Sagesse Medical is a complete EMR interactive embedded solution in the MCU and with the Healthcare community (hospitals, institutions, clinics). SAGESSE allows an entire nation’s healthcare system to go paperless while linking all the various centers - from the smallest to the largest.

For Primary care + Prevention + Emergency + Ambulance + Occupational health + Military + Fire brigades.

General Information:
MCU cases are available in several colors and different design. Weight including all basic instruments: from 10 kg
Powered via Tablet PC, rechargeable battery.
CE compliance with the Medical Devices Directive 42/93/EEC
ISO 13485:2003 certified
Mobile Care Unit

Making Medicine Mobile

TMA Medical
Völlegg 13, A - 8654 Fischbach
Austria
Phone: +43 3865 8633
Fax: +43 181749551721
Email: office@tma-medical.com

www.tma-medical.com