



01

Our Vision

To increase the efficiency and improve the quality of services provided to citizens by health, social care facilities and public authorities.



Our Mission

FATRA's mission is to develop and manage integrated outsourced clinical engineering and ICT solutions ensuring that all technologies used in hospital, health and social care Institutions...



Our Aim

FATRA aims to offer innovative solutions to reduce healthcare spending in the technology sector and make this spending more focused.

WHY CHOOSE US

Safety check report with manufacturer, model number, serial number and work performed.

We ensure detailed calibration/safety stickers on all tested equipment that we work on.

Our services ensure your equipment is delivering proper dosages and is safe for your

We ensure up to date and highest quality with our Computerized preventative maintenance

We take on patient care and physical medical equipment with utmost responsibility and

24 hour response time is typical and you can contact us anytime with troubleshooting questions

DIAMEDICA BABY CPAP 10



CPAP 10

- Can be use for neonate up

- CPAP 10 twin flowmeters for up to 51/min oxygen and 51/min medical air

- -Self-contained unit generates 95% oxygen and its own medical air
- Humidifier ensures appropriate warmth and moisture for the air and oxygen delivered to the patient.
- Clear oxygen/air mixing chart allows for easy setting of flow rates.
- Voltage protector is fitted to the CPAP machin, protecting the machine from unstable power surges

CPAP 20

- Can be use for babies/pediatrics up to 20kg CPAP 10 twin flowmeters for up to 10l/min oxygen and 10l/min medical air
- -Self-contained unit generates 95% oxygen and its ov medical air - Humidifier ensures
- appropriate warmth and moisture for the air and oxygen
- delivered to the patient.

 Clear oxygen/air mixing chart allows for easy setting of flow rates.
- Voltage protector is fitted to the CPAP machin, protecting the machine from unstable power surges

DIAMEDICA PORTABLE BABY CPAP

- RAM cannula
 Flow rate of 8-201/min dependent on cannula size
 up to 8cmH20 pressure dependent on nares seal.
- Supplementary oxygen port Passive humidification
- Battery life up to 8 hours at ful use
- Recharge options: 12v vehicle or mains 110v-240v



03

.... Attaining endless possibilities



SLE2000

Mechanical ventilator for infant.

Features

- High performance constant flow
- Time Cycle Pressure Limited
- easy to set up
- easy to cleanSLE valveless technology
- it allows for CMV, CPAP. PTV or SIMV
- High Frequency Oscillation.



EKOM Dk50 Medical air compressor

Features

- Motor performance:0.43kW
 Air tank capacity: 4.7l
- Compressor efficiecy: 50l/min/5bar
- Duty cycle: s1-100% Noise level: <53dB
- Noise reduction cabinet
- Weight: 31kg



DRIVE DeVilbiss

5Liters Oxygen concentrator

- Capacity: 5 liters -Outlet Pressure: 8.5 psig Oxygen Percentage: 1-5 LPM, 87% 96% Power Consumption: 310 Watt Average, 275 Watts @ 1.2 LPM and Below



Drive DeVilbiss

10 Liter Oxygen Concentrator

- Capacity: 10 LPM Dimensions: 62.2x34.23x0.4 cm
- :- Sound level: Less than 40dB

- Outlet Pressure: 8.5 psig

 Oxygen Percentage: 1-5 LPM, 87% 96%;

 Power Consumption: 310 Watt Average, 275
 Watts @ 1.2 LPM and Below



04

.... Attaining endless possibilities

OMRON HEM-7121 STANDARD.

Automatic Blood Pressure Monito

- Product Features
 Cuff Wrapping Guide. Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement.
- Stores 30 Measurements in Memory.
- Body Movement Detection. ...
- IntelliSense Technology. ... Irregular Heartbeat Detection. ...
- Hypertension Indicator.



OMRON M2 CLASSIC.

Automatic Blood Pressure Monitor

Product Features

- Cuff Wrapping Guide. Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement.
- Cuff Type: Medium Cuff 22–32 cm.
 Memory: Last Measurement
 Body Movement Detection.

- IntelliSense Technology.
 Irregular Heartbeat Detection.
 Hypertension Indicator.



OMRON M2 HEM-7121 BASIC.

Product Features

- Cuff Wrapping Guide. Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement.
- Stores 30 Measurements in Memory.
- Body Movement Detection. ...
- IntelliSense Technology. ... Irregular Heartbeat Detection. ...
- Hypertension Indicator.



OMRON 7 Series

Wireless Wrist blood pressure monitor

Product Features

- Cuff Wrapping Guide. Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement.
- Memory: 90 readings for one user or unlimited readings when used with the free OMRON Connect app
- The monitor fits adult wrists from 5.3" to 8.5"
- in circumference..
 Body Movement Detection.
- IntelliSense Technology.
 Irregular Heartbeat Detection..
- Hypertension Indicator.
- Unit operates on 2 AAA batteries (included)



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BISOT BT-750

Multiparameter Patient's monitor

FEATURES

- Display ECG: 3/5 lead with printer
- Respiration
- SpO2 CO2
- NIBP
- IBP
- Temperature
- Pulse rate
- Built-in battery: 6hours



BISOT BT-780

Multiparameter Patient's monitor

- With a 15.6" LCD colour touch screen display
- Visual and acoustic alarm signals critical values
- Respiratory rate -Non-invasive blood pressure (NIBP)
- Pulse rate
- Blood oxygen saturation (SpO2)
- Body temperature
 Physiological signals.
- ECG: 7 Lead
- With or without printer
- Rechargeable battery with 5 h operating time



..... Attaining endless possibilities

BISTOS BT-720

Bistos Portable Patient Vital Signs Monitor.

FEATURES

- SpO2, -Pulse,
- -NIBP,
- The BT-720 has a 4.3" color touch screen.
- The PC software allows the vital signs information to be transferred and analyzed on a computer.



BISTOS BT-710 4.3". PULSE OXIMETER

FEATURES

- 4.3" color touch screen
- Handheld style
- SpO2, Pulse
- Accurate SpO2 performance during motion and low perfusion
- Specialized PC software for data review and analysis
- Over 8 hours continuous working on
- rechargeable lithium-ion battery
 5V DC input with convenient Micro-USB
- charger
- -Battery can be charged by external USB battery
 Suitable for adult, pediatric and neonate

.... Attaining endless possibilities

ZONECARE PM-7000D

Multi-parameter Patient Monitor

FEATURES

- ECG NIBP
- SpO2
- Pulse rate
- Temperature
- EtCÔ2
- Built-in battery; 6hours
- Touch screen - Hight resolution 12.1 inch screen design &
- intuitive shortcut keys
 Handle design convenient to carry
- Nurse call
- Night mode



iMAC 1800

Professional 18-lead ECG machine

FEATURES

- 15-inch HD LCD Screen
 18 Lead and 12 Lead printing format.
- Support pacemaker detection.
- Alphanumeric keyboard and tracking ball operation
- -ECG data can be saved as PDF, JPG. PNG, XML etc.
- Support data transmission to PC via LAN port, USB port, SD card and WiFi



ZONECARE iMAC 12 ECG MACHINE

FEATURES

- 12-lead synchronous acquisition and display
- 10.4-inch super sensitive and capacitive touch screen design
- A/D converter
- Support pacemaker detection
 Support data transmission to PC via LAN port,
- USB, SD card and WiFi
- Specialized storage bagMultifunction capacitive touch pen
- Built-in battery
- ECG data can be saved as H17, XML, PDF, JPG and DICOM



ZONECARE IMAC 300

Professional 3-Channel ECG machine

FEATURES

- 5-inch high resolution LCD screen
 12-lead synchronous acquisition and display
- Support pacemaker detection.
- Alphanumeric keyboard and tracking ball operation
- ECG data can be saved as PDF, JPG. PNG,
- XML etc
- Support data transmission to PC via LAN port,
- USB port, SD card and WiFi Manual/Automatic printing.
- Support paperless records and storage
- Stores more than 100 cases.





ZONECARE VIV 80

Ultrasound system

FEATURES

- Comprehensive clinical appliction B Steer, 3D/4D, Zpage, Zlive, PW, CW, AMM,
- CMM, TDI, TVI, PDI, DPDI.
- Panoramic imaging, Elastic imaging mode, EFOV, Biopsy function.
- Visualize user-defined presets function (Qsave)
 Ten user-defined programming keys.
 ECG port, USB 3.0, Built-in DVD

- DICOM 3.0 Multiple data transmission SSD+HDD
- USB foot switch
- Built-in battery. Transducers: Convex, Linear, Transvaginal, Phased Array, Micro- convex, 4D Volume.



ZONECARE VIV 60

Ultrasound system

- Comprehensive clinical appliction B Steer, 3D/4D, Zpage, Zlive, PW, CW, AMM, CMM, TDI, TVI, PDI, DPDI.
- Panoramic imaging, Elastic imaging mode, EFOV, Biopsy function. - Visualize user-defined presets function (Qsave)
- Ten user-defined programming keys.
 ECG port, USB 3.0, Built-in DVD
- DICOM 3.0
- Multiple data transmission SSD+HDD
- USB foot switch
- Built-in battery.
 Transducers: Convex, Linear, Transvaginal, Phased Array, Micro- convex, 4D Volume.

ZONECARE U30 ECG MACHINE

FEATURES

- 12-lead synchronous acquisition and display
- 5-inch screen
- Digital samplingSupport pacemaker detection
- Support data transmission to PC via LAN port, USB, SD card and WiFi
- Support Z-folded and roll thermal recording
- Built-in battery
- ECG data can be saved as HI7, XML, PDF, JPG and DICOM



ZONECARE U90

Professional 12-Channel ECG machine

FEATURES

- 9.7-inch color touch screen and alphanumeric
- 12-lead synchronous acquisition and display
- Support pacemaker detection.
- Alphanumeric keyboard and tracking ball
- operation
 -ECG data can be saved as PDF, JPG. PNG,
- Support data transmission to PC via LAN port, USB port, SD card and WiFi
- Manual/Automatic printing.
- Support paperless records and storage electronic case.
- Three pronged lead wire, effectively reduce winding.

..... Attaining endless possibilities



ZONECARE - N7

Color dopplerUltrasound system

- FEATURES - 19-inch high resolution medical LCD monitor
- Gel warmer - Carotid IMT auto measurement.
- B Steer, 3D/4D, Zpage, Zlive, PW, CW, AMM, CMM, TDI, TVI, PDI, DPDI.
- Panoramic imaging, Elastic imaging mode,
- EFOV, Biopsy function.
 Visualize user-defined presets function (Qsave)
- Ten user-defined programming keys.
 ECG port, USB 3.0, Built-in DVD
 DICOM 3.0
 Multiple data transmission

- HDMI output
- USB foot switch
- Built-in battery.
- Transducers: Convex, Linear, Transvaginal, Phased Array, Micro- convex, 4D Volume.



Compact color doppler Ultrasound system

FEATURES

- 15-inch high resolution medical LCD monitor
- 10.4-inch touch screen.
- Gel warmer
- B Steer, 3D/4D, Zpage, Zlive, PW, CW, AMM, CMM, TDI, TVI, PDI, DPDI.
- Panoramic imaging, Elastic imaging mode, EFOV, Biopsy function.

 Visualize user-defined presets function (Qsave)
- Ten user-defined programming keys. ECG port, USB 3.0, Built-in DVD DICOM 3.0 Multiple data transmission
- Optional USB foot switch - USB foot switch
- Built-in battery.
 Transducers: Convex, Linear, Transvaginal, Phased Array, Micro- convex, 4D Volume.



ZONECARE - M5

Color doppler Ultrasound system

FEATURES

- 12-inch high resolution medical LCD monitor
- Two activated tansducer connector.
- Carotid IMT auto measurement.
- B Steer, 3D/4D, Zpage, Zlive, PW, CW, HPRF, PDI, DPDI.
- Panoramic imaging, Elastic imaging mode, EFOV, Biopsy function.
- Visualize user-defined presets function (Qsave)
 Ten user-defined programming keys.
 ECG port, USB 3.0, Built-in DVD
- DICOM 3.0
- Multiple data transmission

- USB foot switch Built-in battery. Transducers: Convex, Linear, Transvaginal, Phased Array, Micro- convex,.



Portable B&W Ultrasound system

FEATURES

- 12-inch high resolution medical LCD monitor
- Two transducer connector.
- Auto freezing function
 Auto-generation BMP format report.
 G-guide

- One key data storage Full screen imaging FSI
- Multiple data transmission
 Optional USB foot switch
- USB foot switch
- Built-in battery. Transducers: Convex, Linear, Transvaginal, Phased Array, Micro-convex.



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BABY INCUBATOR

Neonatal Intensive Care Unit Incubator

FEATURES

- Support Air temperature up to 37 degree celsius
- Support humidification
 Casters wheel for mobility.
- Two drop down doors for easier assess Support both manual and Servo control
- Tubing access ports: 13. Alarm system.





- Ability to control heat, oxygen, light and noise.
 Patented rotating mattress to minimize baby
- stimulation Mattress size: 26 in × 19 in (66 cm × 48 cm)
- Tubing access ports: 13. Baby (servo) temperature control: 35-37.5° C
- in 0.1° increments.
- Air temperature control: 20-39°C in 0.1°
- Servo humidity control range: 30-95% relative humidity in 5% increments.



ZONECARE - iE75

Ambulatory blood pressure monitoring

FEATURES

- Support MS Windows 2003, Windows XP or higher version of Windows
- Support morning blood pressure index,
- variability index, arteriosclerosis index analysis.
 Analysis of various blood pressure parameters
- and statistical results.
 Automatically generate reports in PDF format
- Supports setting of various time interval measurement programs such as day, night, morning, special, etc
 Data transmission: Bluetooth or USB
- Adapt oscillometric method for blood pressure measurement.



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ZONECARE - IMAC 10 PC ECG

FEATURES

- Able to detect pacemaker
- Lead connection diagram
 Sampling rate is 32000HZ to make the
- waveform restoration more accurate.
 Bluetooth connection
- Resting ECG App (for Android)
 - -Real Time Sampling -Automatic Diagnosis
- -Touch screen Workstation (for PC)

 - Printing Waveform analysis
 - Average template. - Automatic Diagnosis
 - Measure
 - Reanalysis.

..... Attaining endless possibilities



ISOLLET C2000

Neonatal Intensive Care Unit Incubator

- Support Air temperature up to 37 degree celsius Support humidification
- Casters wheel for mobility.
 Two drop down doors for easier assess
- Support both manual and Servo control
 Tubing access ports: 13.
- Alarm system.
- Storage drawer.
- Drip stand.



ISOLLET T1500

Dragger infant Transport Incubator

Features

- Quick access to the infant. The head access / slide out mattress feature allow quick and easy
- access to baby for intubation or CPR
 On casters, height-adjustable.
- With 4 operating windows. Weight. 49.2 kg, 72 kg (108.5 lb); Length. 95.9 cm, 102 cm (37.8 in).
- Double wall; Skin temperature probe; O2 inlet; Examination lamp; 2 access doors

CENTRIFUGE BUCKET CENTRIFUGE

Features:

- 1Capacity: 20ml*6;
- Power source. 220V 50HZ 110V 60HZ ;
- Speed Range (rpm). 0 ~ 4000 (rpm) ;
- -Time Range(min). 0-60min.



CENTRIFUGE BUCKET CENTRIFUGE

Features:

- 1Capacity: 20ml*10;
- Power source. 220V 50HZ 110V 60HZ;
- Speed Range (rpm). 0 ~ 4000 (rpm) ;
- -Time Range(min). 0-60min.



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.... Attaining endless possibilities

ERMA EL-120

Electrolyte Analyzer

Features:

- Parameters: Na+, K+, Cl- Ca++
- Sample Type. Analyses whole blood, serum,plasma and urine
- Relative Humidity up to 85% non-condensing Power Supply: 100 to 240 VAC ±10%, 50Hz Dimensions: 395 x 260 x 375 mm Weight 7.5 kg Apprx



M104

Electrolyte Analyzer.

Features.

- Compact, cost-efficient and easy to- use.
- Excellent precision and reliability. Long life, high performance, maintenance –free electrodes.
- Automatic sampling, washing and calibration.
- Touch screen ,large LCD display.
- Internal thermal recorder,
- supporting barcode reader.



80-2B HAEMATOCRIT CENTRIFUGE

- Features:
 -Rotor type: Disk rotor hematocrite rotor
- - 50/60 Hz
- Speed max.: 13000 rpm Frequency (Centrifuges): Capacity of vessels: 0.2 ml
- Air cooling - Cooling (Centrifuges):



HC-12A

Features:

- -Rotor type: Disk rotor hematocrite rotor
 -Speed max.: 13000 rpm
 Frequency (Centrifuges): 50/60 Hz
 Capacity of vessels: 0.2 ml

HAEMATOCRIT CENTRIFUGE

- 50/60 Hz
- Cooling (Centrifuges): Air cooling



.... Attaining endless possibilities

Abbot i-STAT 1

Handheld Blood Gas Analyzer

Features:

- It has a rechargeable battery,
- can scan 2D barcodes,
- Offers on-screen guidance during the testing
- process.
 Iidentify problems and potential solutions in real time.



ST-200CC ABGEM Blood Gas Analyzer

Features:

- The ST-200 CC ABG Analyzer measures various combinations of Sodium, Potassium, Ionized Calcium, Lithium, pH, Chloride, pCO2, pO2, Hct, and calculated parameters like Hb, HCO3, BE, BE-B, BE-ECF, TCO2, AG, AG(K), O2 Sat, O2 Ct and SBC in whole blood, serum, plasma, and urine.





Olympus Cx23 Clinical Light Microscope

Features:

- Objectives: 4x, 10x, 40x, 100x Oil Condenser: 1.25 N.A.
- Stage: Rackless mechanical stage
- Focusing: Coaxial coarse/fine focus system with limit stopper and torque adjustment
- Light: LED



IB-9025A

Laboratory Incubator

Features:

- Power input: 220V 240V
- Temperature: ...Celsius



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- Interior volume: up to 50 151 100 1101 -200 1201 - 300 1301 - 400 1701 - 800 1901 - 1000
- Air convestion forced Load max.: 11 50 kg51 100 kg101 150 kg Depth inside (incubators,...): 200 mm250 mm360 mm450 mm510 mm560 mm600 mm

- Cabinet type: heating ovenHeight inside: 230 mm320 mm390 mm540
- Treight inside: 250 mm/320 mm/320 mm/320 mm/320 mm/1040 mm/1200 mm/1610 mm Maximum temperature (heat): + 100 °C Width inside: 320 mm/400 mm/460 mm/470 mm/600 mm/800 mm/1040 mm
- Depth outside: 470 mm520 mm620 mm710
- mm770 mm780 mm820 mm870 mm880 mm Width outside:510 mm590 mm650 mm810
- mm1010 mm1260 mm

BM-100 Series

Transcutaneous Jaundice Detector

Features:

- 3" colour touch screen.
- long battery life (2000 measurements from full charge)
- storage of patient information and results.
 long life span (> 150,000 scans)

- self calibration. bar code/ QR reader to scan baby ID/ nurse ID (BM-100C only)
 - USB transfer of data (BM-100C only).
 - Applicable to Neonatology, Pediatric, NICU etc



Blood Gas Analyzer

Features:

Calculated Values: cH+, HCO3-act, HCO3-std, BE(ecf), BE(B), BB(B), ctCO2, sO2(est), Ca++(7.4), AnGap, tHb(est),

pO2(A-a), pO2(a/A), RI, pO2/FIO2, cH+(T), pH(T), pCO2(T), pO2(T), pO2(A-a)(T), pO2(a/A)(T), RI(T), pO2(T)/FIO2, mOsm



DY - 300 Electrophoresis Machine

Features:

- Genotype:



.... Attaining endless possibilities



Features:

- -Measures TSB concentration in 5 seconds
- ·Measures undiluted serum ·
 Corrects for oxyhemoglobin

Reichert UNISTAT® Bilirubinometer

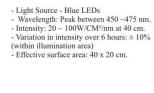
- -Full measuring range Automatic calibration setting



BT-400

Neonatal Jaundice treatment.

Features:





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NEOSOFT NEUVIZ ACE Computer Tomography

Features:

- -- Unique 60kV low dose technology. offers optimizes dose level and image quality.
- Up-to-date spectral imaging.
 Application: for whole-body tomography
- Number of slices: 32-slice
- Real-time MPR
- Prism imaging.
 2D, 3D, Virtual Endoscopy, MIP/AIP, Vessel analysis, Brain Perfusion, Body perfusion, Dental analysis, Lung nodules Analysis, Virtual Colonioscopy, Lung Density Evaluation, Fat Analysys, Tumor Assessment, Nerve system DSA, Lung Nodules ROI, and Bone Measurement.



NEUVERSION 640 Floor Mount Digital X-RAY

Features:

- X-ray generator
- High sensitive anti-collision system.
 High precision real-time tracking system
- Patented image stitching technology
 Wireless Flat Panel Detector
- Full featured Imaging Software and Excellent
- Digital Image processing
- Provides convenient user interface and easy operation.
- Radiographic stand & automatic collimator control function.
- Low dose algorithm technology

.... Attaining endless possibilities



INFANT RADIANT WARMER

Features:

- -- Both manual and Servo mode of heating
- LED illumination light.
- Caster wheel.
 Side trail.
- Heater up to 80 degree Celsius
- APGAR Score Temperature sensor

DIGITAL RCS-20 ELECTRONIC INFANT WEIGHT SCALE

- Function: Body weight.
- Display type: LED
- Weight range: 1kg 20kg Power: Battery



HB-7021 AUTOMATIC HEMATOLOGY ANALYZER

Features:

- Easy to use hematology analyzer.Open system with 60 test per hour
- performance.
 Defining 19 blood parameters with leukocytes differentiation on 3 subpopullatns
- and building 3 histogram
 Able to operate with small-volume blood
- Good choice for laboratories, who needs affordable analyzer with high performance.



Features:

- Measurement of bilirubin tests = Serum minimum volume: 10uL
- Reading cuvette: haeparinized haematocrit capillary.
 - Measure unit: mg/dL o
- r umol/L
- Completely automated.
 Reading time: approximately 3 seconds.
 Result: on LCD and printer.
- Data storage: last 1000 result
 Interface: USB PORT

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WEIGHT AND HEIGHT SCALE

- Features: -- Structure: Electronic Scale
- Display: Analog
- Measuring range: 70 190cm Maximum weight: 120kg





CLINICAL DENTAL UNIT

Features:

- LED oral light.
 - Automatic water supply
 - Stainless steel hand piece
- Stainless steel foot switch - Safety switch ON/OFF
- Silent and stable motor
 Nine chair-positions memory.
- Double arm rest.
- Removable rotating spittoon.
- Display screen.





PATIENT'S BED ELECTRIC/MANUAL BED.

Features:



- Caster wheel
 Brake
 Siderail
 Bed frame
 Hand release
 Remote control.
 Four crank





- Features:

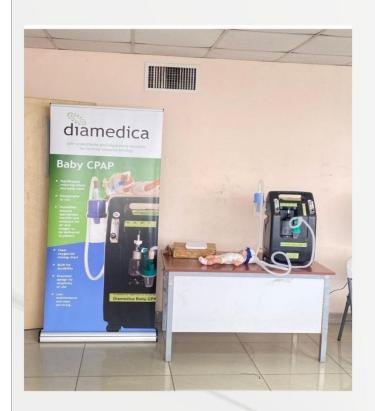
 Easy to use
 Durable.
 Sensor pad up to 14cm deep

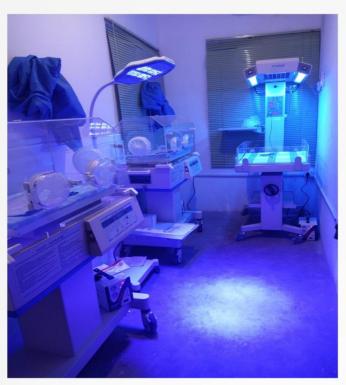


AMBULANCE STRETCHER Features:

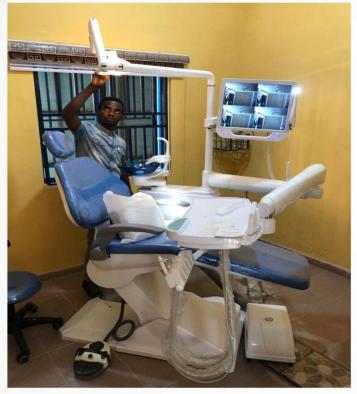
- Caster wheel
 Siderail
 Bed frame
 Hand release
 Mattress
 Patient belt.

INSTALLATIONS













































Repairs done by our team













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Sourcing devices accessories















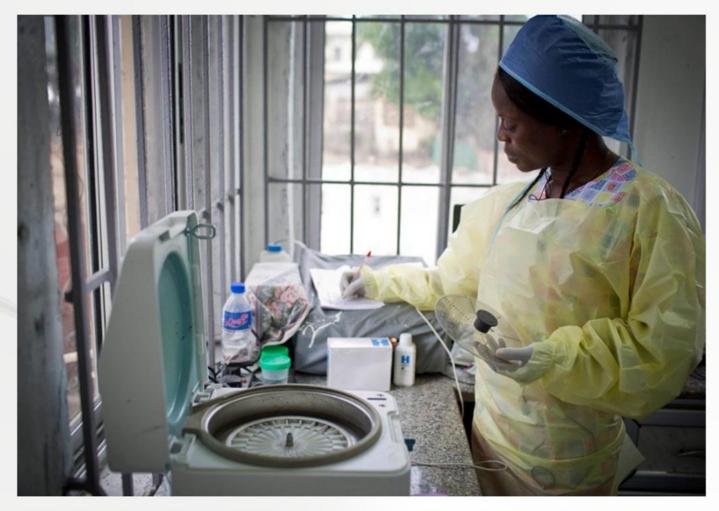


REPAIRS AND MAINTENACE



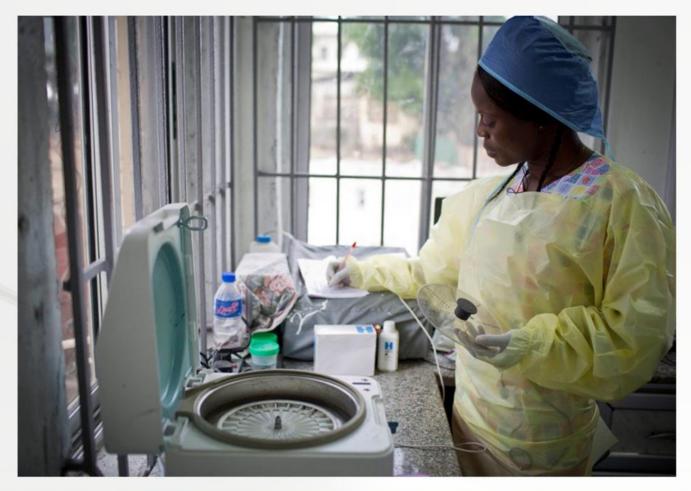


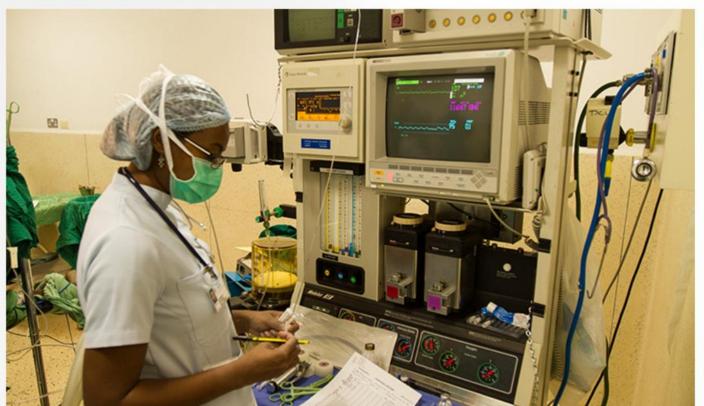
REPAIRS AND MAINTENACE





REPAIRS AND MAINTENACE





EQUIPMENT'S EXHIBITIONS







TRAININGS





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SOME OF OUR CLIENTS



















































EDI INTERNATIONAL HOSPITAL LTD.



St. Philomena's Hospital







Our Mother TheresaSpecialist Hospital & Fertility Center, Asaba

ENIN COOPERATIVE SOCIETY LTD

Our Partners









BIOBASE

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