

MMU in real usage - MMU1 (Operation Theatre + ICU)



MMU in real usage - MMU for Papua New Guinea



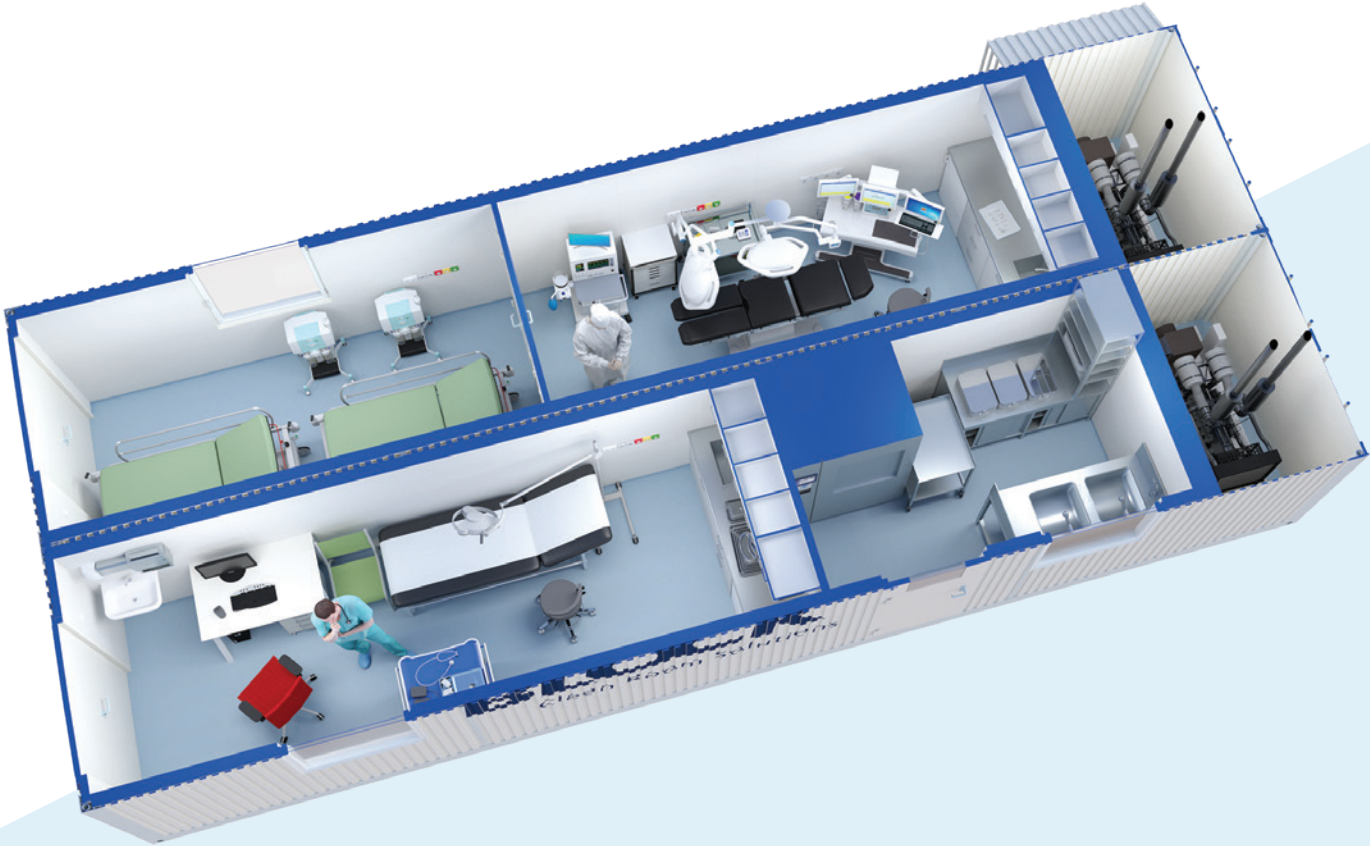
MMU video-visualization



A complete offer for healthcare



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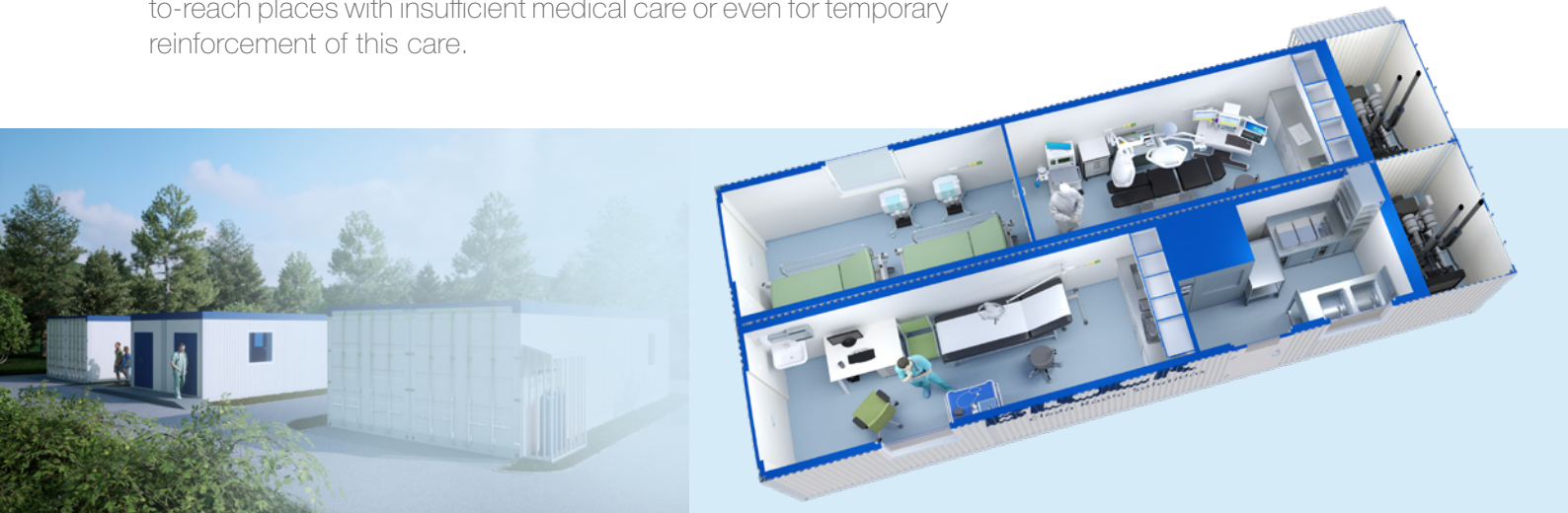
We are a member of the BLOCK[®] Holding



Modular Medical Units

MODULAR MEDICAL UNIT (MMU)

Modular Medical Unit is designed into standard 40" High Cube ISO containers that are modified to fulfill needs of medical usage. Thanks to this, MMU can be easily transported and used in hard-to-reach places with insufficient medical care or even for temporary reinforcement of this care.



MMU consists of two medical ISO containers (modules)
An Example of Combinations of Medical Modules

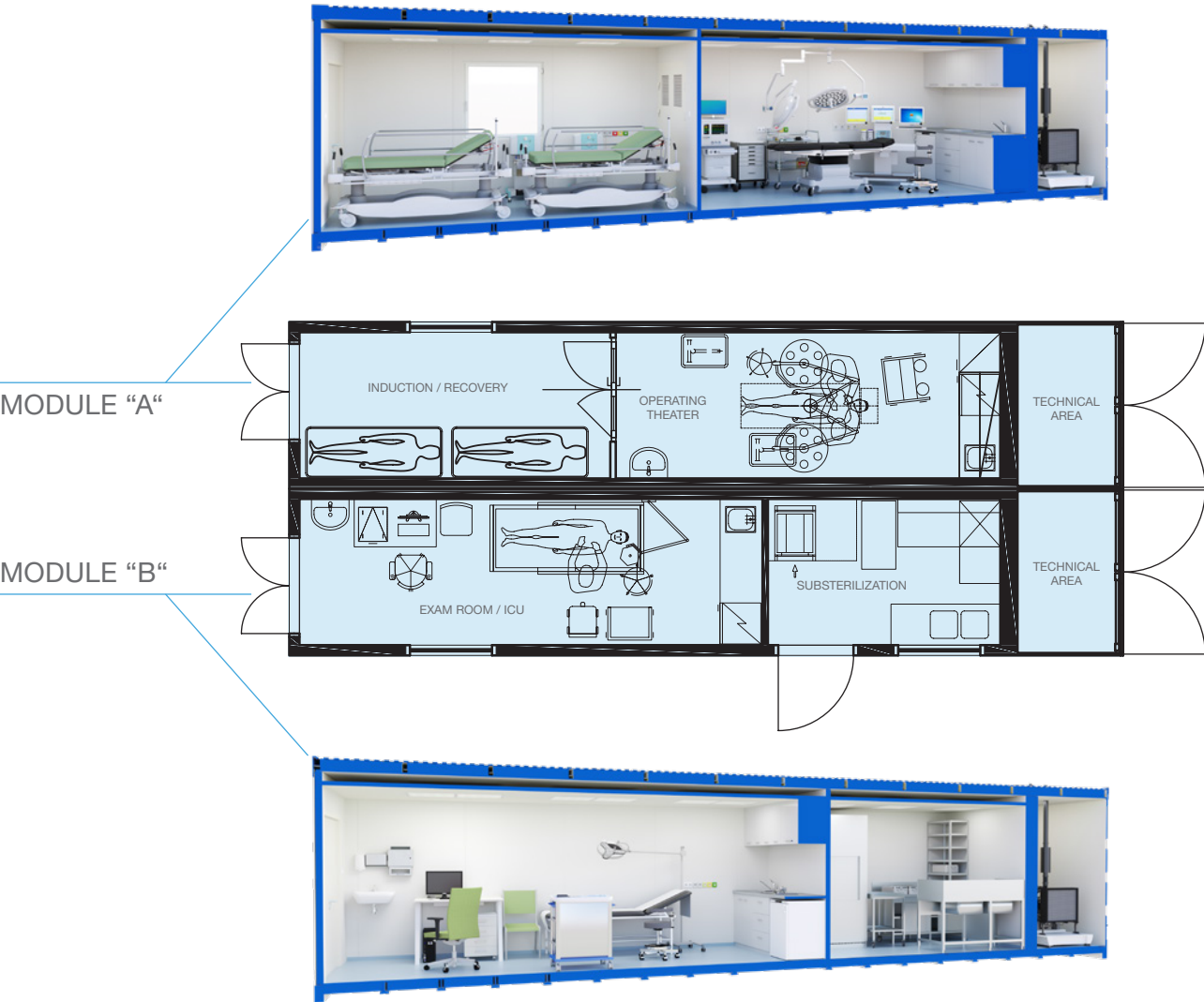
<div><div>A</div><div><div></div><div></div></div></div> <div>+</div> <div><div>B</div><div><div></div><div></div></div></div>	MMU1 – Operating Unit with ICU and Sterilisation
<div><div>C</div><div><div></div><div></div></div></div> <div>+</div> <div><div>D</div><div><div></div><div></div></div></div>	MMU2 – Ambulatory Unit Gynecological Surgery with Laboratory
<div><div>E</div><div><div></div><div></div></div></div> <div>+</div> <div><div>F</div><div><div></div><div></div></div></div>	MMU3 – Gynecology / Delivery Unit
<div><div>C</div><div><div></div><div></div></div></div> <div>+</div> <div><div>F</div><div><div></div><div></div></div></div>	MMU4 – Ambulant Gynecological Surgery Unit with Delivery Unit
<div><div>C</div><div><div></div><div></div></div></div> <div>+</div> <div><div>G</div><div><div></div><div></div></div></div>	MMU5 – Ambulant / Surgery Unit with Neonatal / ICU Unit
Module	

Standard Medical Modules Variants

- Module “A” – Operating Theater with Recovery
- Module “B” – Intensive Care Unit + Substerilization
- Module “C” – Surgical and Gynecological Ambulance
- Module “D” – Laboratory + Blood Bank
- Module “E” – Caesarean Operating Theater with Recovery
- Module “F” – Latent Phase Obstetric Unit
- Module “G” – Obstetric Unit with Neonatal ICU
- Module “H” – Stomatology + Ophthalmology Ambulance
- Module “I” – X-ray Examination
- Module “J” – Examination - Mammography + Ultrasound
- Module “K” – Ambulatory Unit
- Module “L” – Sterilization Unit
- Module “M” – Surgical Ambulance
- Module „N” – Cardio + Ophthalmology Ambulance



MMU1 - Operating Unit with ICU and Sterilisation



Rest and Sanitary Rooms

MMU consists of several medical containers and can be also extended with another service containers:

- Rest Room for Staff
- Sanitary Room for Staff
- Sanitary Room for Patients





Modular Medical Unit (MMU 1) with Operating Room

CZECH

HEALTHCARE
SOLUTIONS



The Czech Republic =
one of the best **healthcare systems**
in the European Union

Modular Operating Unit was developed in cooperation of Czech manufacturers BLOCK CRS, MZ Liberec, SMT, BMT, PROFIL and KLARO as a possible extension of the provision of medical care – easy to transport

CZECH HEALTHCARE SOLUTIONS
by
Association of Manufacturers
and Suppliers of Medical Devices

General Contact:
info@avdzp.cz

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CZECH HEALTHCARE SOLUTIONS: Modular Medical Unit with Operating Room

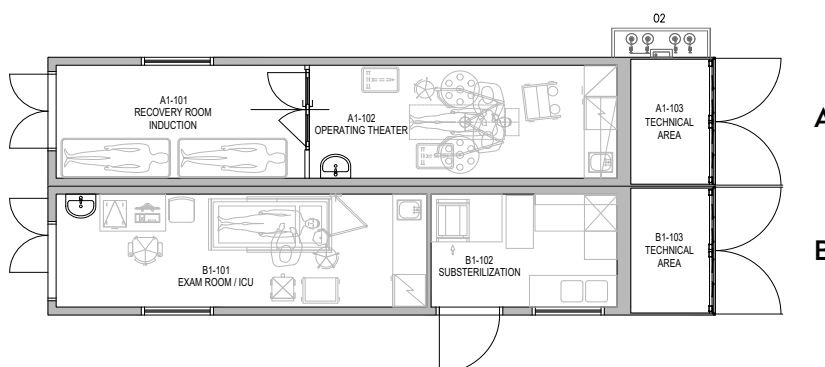
Modular Medical Unit is designed for easy transportation and installation into standard 40" High Cube containers that are modified to fulfill needs of medical use. This unit allows to make the operation of the patient and also can be used as a Critical Care unit. Unit is mobile, it needs to be put on paved area and connected to electricity.

Completion of modules A and B

A – operating theater with recovery room

B – exam room with sterilization

- + Allows for the expansion of healthcare provision in places where adequate hospital facilities are not available or existing facilities need to be strengthened



Bottle gas stations with monitoring equipment

- + Easy delivery of stored medical gas with having power from network
- + Monitoring of pre-set pressure values and reporting of their deviations and/or failures



Hot-Air sterilizer BMT STERICELL 55 ECO

- + 55 liters, sterilization programs 160-180°C
- + Microprocessor process control Fuzzy logic, LCD display
- + Stainless steel interior with 2 shelves



Instrumentation table with hydraulic lift

- + TOP Hydraulic cart is appreciated by healthcare workers mainly due to its comfortable operation and the elegant design
- + During work, you can use a specially developed telescope allowing not only desktop sensitive elevation, but also an above average change of its height up to 40 cm



PROFIL Hospital Furnishing

- + Maximal functionality, mechanical, chemical and waterproof resistance and easy care
- + Hygienic and health safety for every piece of our furniture



Electrocoagulator SMT BM M 400 PF

- + Easy to operate and reliable 400W electrosurgical device with compact and ergonomic (infection control) design
- + Efficient solution for easy surgery



Emergency cart with accessories

- + All the carts are in two basic height variants and in different widths and lengths
- + Can be incorporated into the existing equipment of medical rooms, patient wards and other operations





Modular Medical Unit (MMU 2) with Ambulant and Surgery Care

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one of the best **healthcare systems**
in the European Union

Modular Ambulant & Surgery Unit was developed in cooperation of Czech manufacturers BLOCK CRS, Linet, PROFIL and KLARO as a possible extension of the provision of medical care – easy to transport

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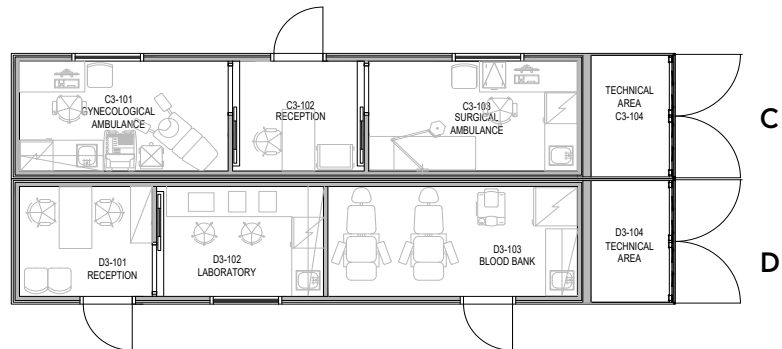


CZECH HEALTHCARE SOLUTIONS: Modular Medical Unit with Ambulant and Surgery Care

Modular Medical Unit is designed for basic examination of female patients in the gynecological part of the unit and possible minor intervention before sending for specialized treatment. In the surgical part, it is also possible to perform an examination of injuries and treatment of minor injuries, or the provision of the first medical care before sending for special treatment. The unit also contains a small collection of blood and urine samples with laboratory for basic sampling and preparation of samples for more complex analysis. Unit is mobile, it needs to be put on paved area and connected to electricity.

Completion of modules C and D

- + Unit contains two modules of 40" HC containers:
- C – gynecological outpatient unit and small-scale surgical outpatient unit
- D – sampling (bleeding) room with laboratory
- + Allows for the expansion of healthcare provision in places where adequate hospital facilities are not available or existing facilities need to be strengthened



PROFIL Hospital Furnishing

The Graciella® chair

- + The chair can be easily adjusted into a horizontal position
- + The hand controller can be accessed from various angles thanks to a rotating mechanism
- + The foot controller allows the chair to be quickly adjusted even during examination



- + Maximal functionality, mechanical, chemical and waterproof resistance and easy care
- + Hygienic and health safety for every piece of our furniture

Stainless steel plates



- + Perfect hand production supported by the latest technology
- + Special surface treatment - grinding K400 with the highest level of resistance to minor mechanical damage

Multifunctional furniture

- + Complete production of stainless steel tables and multifunctional furniture with a high degree of variability



BLOCK
Clean Room Solutions

www.blockcrs.cz

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PROFIL

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KLARO

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Modular Medical Unit (MMU 3)

with Gynecological and Maternity Unit

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The Czech Republic =
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in the European Union

Modular Gynecology & Delivery Unit with sectional theater was developed in cooperation of Czech manufacturers BLOCK CRS, Linet, MZ Liberec, TSE, SMT, BMT and KLARO as a possible extension of the provision of medical care – easy to transport

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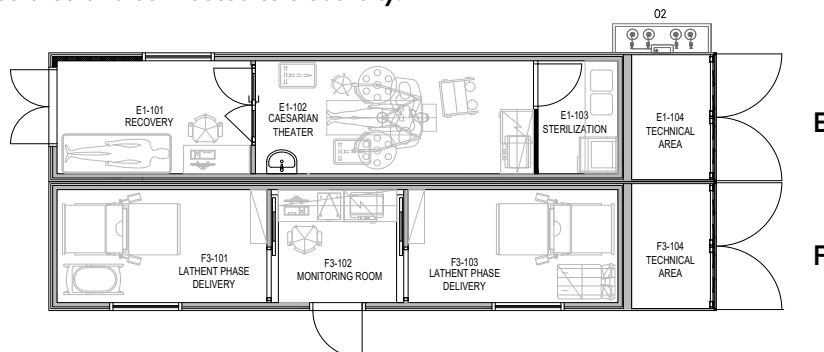


CZECH HEALTHCARE SOLUTIONS: MMU with Gynecological and Maternity Unit

Modular Medical Unit is designed for easy transportation and installation into standard 40" High Cube containers that are modified to fulfill needs of medical use. The unit contains two maternity places for women in the advanced stage of childbirth and, thanks to the sectional operating room, allows even more complicated births. Unit is mobile, it needs to be put on paved area and connected to electricity.

Completion of modules E and F

- + Unit contains two modules of 40" HC containers:
- E – sectional operating room for complex births ("Caesarian Theater")
- F – two delivery units with newborn care
- + Allows for the expansion of healthcare provision in places where adequate hospital facilities are not available or existing facilities need to be strengthened



Birthing bed AVE 2

- + Perfectly suitable for all delivery phases



- + Women in labour can freely choose their birthing position

Bottle gas stations with monitoring equipment

- + Easy delivery of stored medical gas with having power from network



- + Monitoring of pre-set pressure values and reporting of their deviations and/or failures

Infant radiant warmer Natally

- + Safe and comfortable environment for newborn children
- + For delivery rooms and subsequent intensive care



Electrocoagulator SMT BM M 400 PF

- + Easy to operate and reliable 400W electrosurgical device with compact and ergonomic (infection control) design
- + Efficient solution for birth complications



Hot-Air sterilizer BMT STERICELL 55 ECO

- + 55 liters, sterilization programs 160-180°C
- + Microprocessor process control Fuzzy logic, LCD display
- + Stainless steel interior with 2 shelves



Infusion stand

- + Quality construction made of AISI304 stainless steel
- + The stands are adapted to any demanding operation thanks to anti-static design of the stand
- + Adjustable height of the cross-bracket including 4 hooks for hanging infusions etc.





Modular Medical Unit (MMU 4)

with Ambulant Surgery and Delivery Care

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in the European Union

Modular Ambulant – Gynecological / Surgery & Delivery Care was developed in cooperation of Czech manufacturers BLOCK CRS, Linet, MZ Liberec, TSE, PROFIL and KLARO as a possible extension of the provision of medical care – easy to transport

CZECH HEALTHCARE SOLUTIONS

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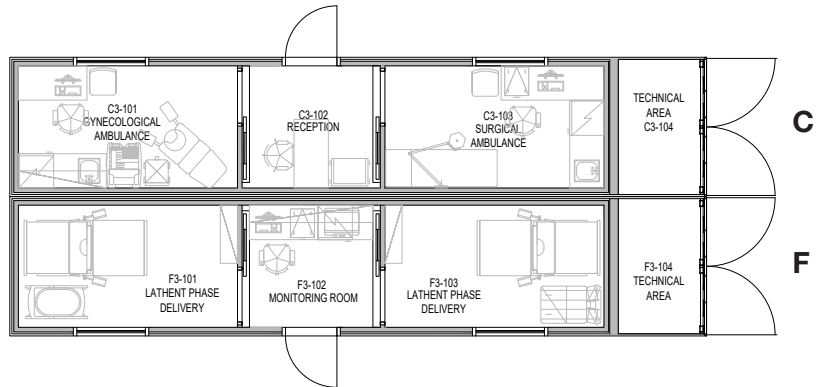


CZECH HEALTHCARE SOLUTIONS: Modular Medical Unit with Ambulant Gynecological / Surgery Care and Delivery Care

Modular Medical Unit is designed for basic examination of female patients in the gynecological part of the unit and possible minor intervention before sending for specialized treatment. In the surgical part, it is also possible to perform an examination of injuries and treatment of minor injuries, or the provision of the first medical care before sending for special treatment. The unit contains also two maternity places for women in the advanced stage of childbirth. Unit is mobile, it needs to be put on paved area and connected to electricity.

Completion of modules C and F

- + Unit contains two modules of 40" HC containers:
- C** – gynecological outpatient unit and small-scale surgical outpatient unit
- F** – two delivery units with newborn care
- + Allows for the expansion of healthcare provision in places where adequate hospital facilities are not available or existing facilities need to be strengthened



Birthing bed AVE 2

- + Perfectly suitable for all delivery phases



- + Women in labour can freely choose their birthing position

Multifunctional furniture

- + Complete production of stainless steel tables and multifunctional furniture with a high degree of variability



Infant radiant warmer Natally

- + Safe and comfortable environment for newborn children
- + For delivery rooms and subsequent intensive care



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- + Hygienic and health safety for every piece of our furniture



Bottle gas stations with monitoring equipment

- + Easy delivery of stored medical gas with having power from network



- + Monitoring of pre-set pressure values and reporting of their deviations and/or failures

Stainless steel plates

- + Perfect hand production supported by the latest technology
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