

MARCH

- M** Treatment of **Massive bleeding**
Three supplied deep wounds can be applied at 7 points and connected to bleeding modules. Wound packing is possible for all wounds, as is the application of tourniquets.
- A** **Airway**
Airway management with oro- and nasopharyngeal as well as supraglottic devices.
- R** **Respiration**
Chest relief in the Monaldi and Bühlau position.
- C** **Circulation**
Haemostasis and access to the vascular system: i.v. in the forearm, i.o. sternal, humeral head and proximal tibia with reusable pads.
- H** **Hypothermia / Head Injuries**
Interchangeable eyes with normal, dilated and constricted pupils.

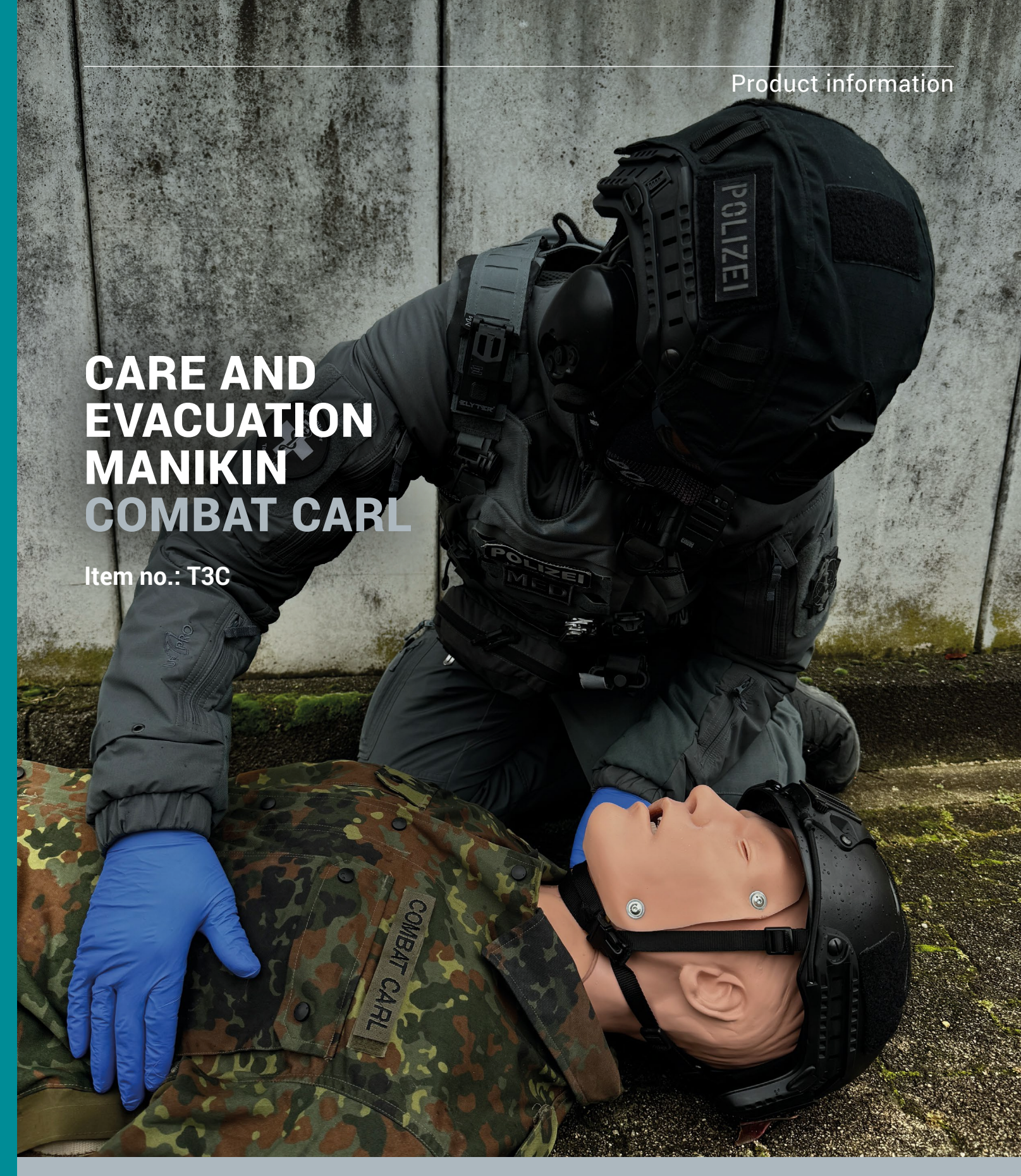
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CARE AND EVACUATION MANIKIN COMBAT CARL

Item no.: T3C





Airway management nasopharyngeal



Airway management oropharyngeal



Patient voice



Exchangeable eyes



Wounds in the thoracic region



Relief puncture according to Monaldi



Sternal intraosseous approach



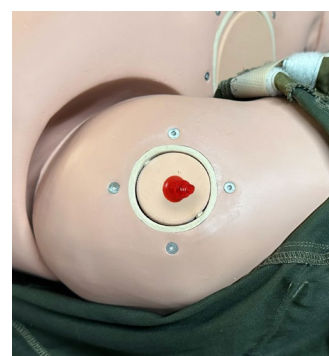
Wound-Packing



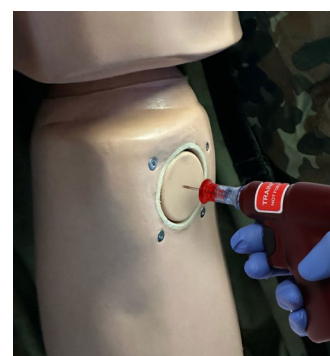
i.v. cannulation



Chest drainage



IO access Humerus



IO access Tibia



TQ - placement



Amputation stump leg (optional)



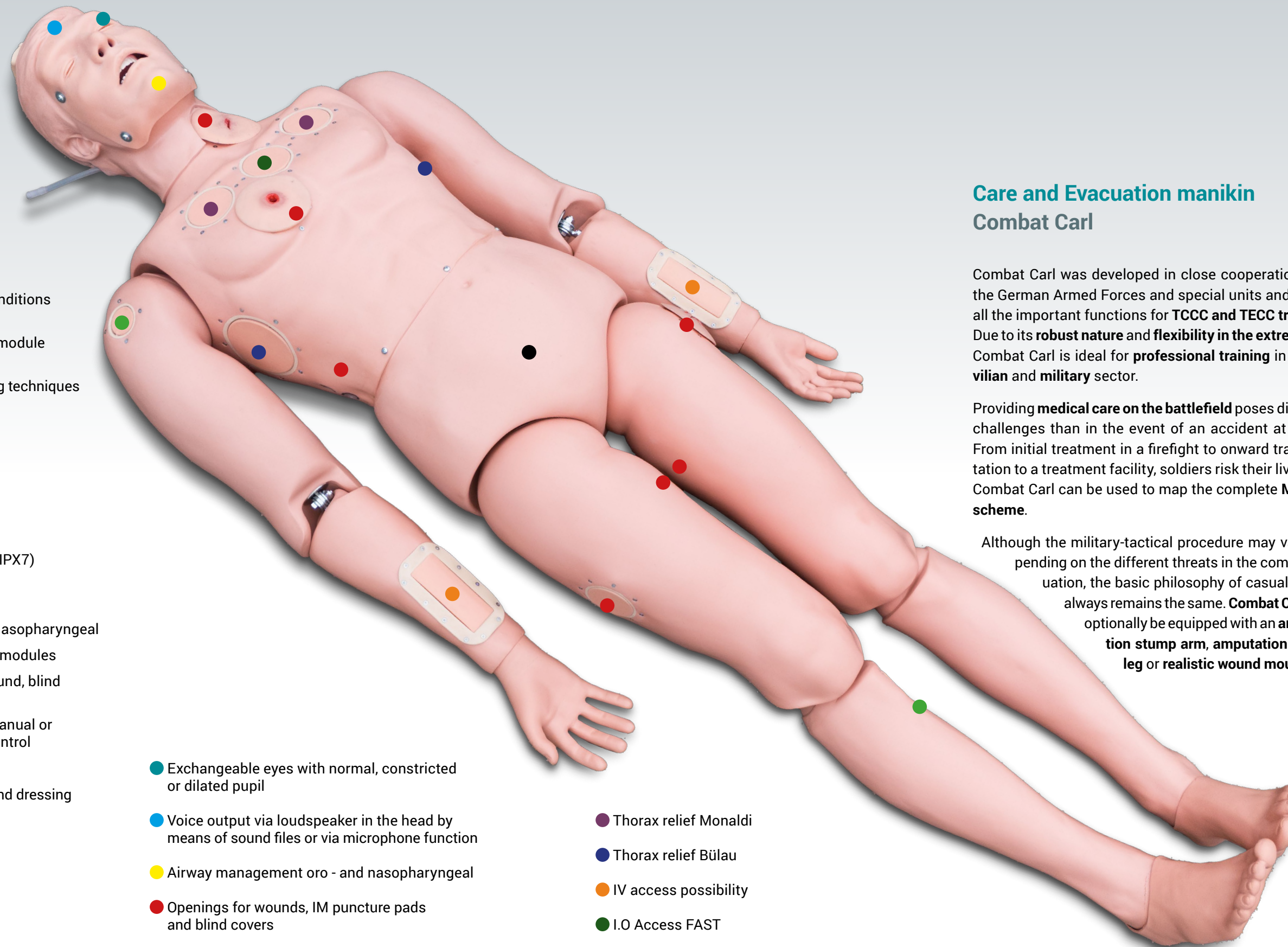
Bandaging techniques



Carrying techniques

Features:

- Weight from approx. 65kg to 85kg
- Realistic size 175cm
- Robust PVC material
- Ideal for outdoor use under extreme conditions (sand, rain, mud etc.)
- Wound inserts incl. universal bleeding module in 7 places for changing
- Flexible extremities for different carrying techniques
- No sensitive electronics
- Made in Germany
- cABCDE scheme - Compliant
- XABCDE scheme - Compliant
- MARCH scheme - Compliant
- Voice module via Bluetooth (waterproof up to 1 meter according to IPX7)
- Interchangeable eyes, 3 pairs, normal, dilated, constricted
- Airway protection, oropharyngeal and nasopharyngeal
- Wound management 7 sites for wound modules
- Stab wound, gunshot wound, bullet wound, blind cover
- Wounds have a bleeding function for manual or automatic bleeding modules via app control
- Tourniquet system
- Dressing techniques / support and wound dressing
- Intraosseous access tibia
- Intraosseous access humerus
- Intraosseous access sternum
- Thoracic release according to Monaldi
- Thoracic release according to Bülow
- Intravenous injection
- Peripheral venipuncture



- Exchangeable eyes with normal, constricted or dilated pupil
- Voice output via loudspeaker in the head by means of sound files or via microphone function
- Airway management oro - and nasopharyngeal
- Openings for wounds, IM puncture pads and blind covers
- Robust and insensitive to water, dirt and other adverse environmental conditions

- Thorax relief Monaldi
- Thorax relief Bülow
- IV access possibility
- I.O Access FAST
- I.O Access

Care and Evacuation manikin Combat Carl

Combat Carl was developed in close cooperation with the German Armed Forces and special units and offers all the important functions for **TCCC and TECC training**. Due to its **robust nature and flexibility in the extremities**, Combat Carl is ideal for **professional training** in the **civilian and military** sector.

Providing **medical care on the battlefield** poses different challenges than in the event of an accident at home. From initial treatment in a firefight to onward transportation to a treatment facility, soldiers risk their lives and Combat Carl can be used to map the complete **MARCH scheme**.

Although the military-tactical procedure may vary depending on the different threats in the combat situation, the basic philosophy of casualty care always remains the same. **Combat Carl** can optionally be equipped with an **amputation stump arm, amputation stump leg or realistic wound moulages**.