

PNEUMATIC TOURNIQUET CUFFS

TECHNICAL SHEET

DDM tourniquet cuffs are made in France!



MONOBLOC ARM AND LOWER LIMB CUFFS



AUTOCLAVABLE ARM AND LOWER LIMB CUFF

1/4

Arm cuffs and lower limb cuffs are used with pneumatic tourniquets for orthopaedic surgery.

AUTOCLAVABLE POLYESTER ARM AND LOWER LIMB CUFFS

Disinfectable and autoclavable polyester arm and lower limb cuffs are made of a removable silicone pouch for easy autoclaving. Available in straight and conical design to better fit the limb.

REFERENCES

| | 1 BLADDER - STRAIGHT | 2 BLADDERS - STRAIGHT | LOWER LIMB CUFFS - CONICAL |
|-----------------------------|----------------------|-----------------------|----------------------------|
| Infant arm/lower limb cuff | GBS101 | / | / |
| Child arm cuff | GBS102 | GBS202 | / |
| Small adult arm cuff | GBS103 | / | / |
| Adult arm cuff | GBS104 | GBS204 | / |
| Child lower limb cuff | GCS102 | / | / |
| Small adult lower limb cuff | GCS103 | / | / |
| Adult lower limb cuff | GCS104 | GCS204 | GCCS104 |
| Large adult lower limb cuff | GCS105 | / | GCCS105 |
| XL adult lower limb cuff | GCS106 | / | GCCS106 |

TECHNICAL SPECIFICATIONS

| DESCRIPTION | MATERIAL |
|---|-----------|
| Single or double bladder and conical arm/lower limb cuff | |
| Cuff | Polyamide |
| Bladder | Silicone |

CLEANING AND DISINFECTION

Important: Before using the device for the first time and before cleaning operation, extract the bladder from the cuff.

Preliminary disinfection

- Cuff: immerse the envelope in suitable disinfectant solutions for textiles (detergents, decontaminants).
- Bladder: use disinfectant solutions that have been validated for elastic materials. Do not use disinfectants containing components such as phenols or alkylamines (do not immerse the bladder).

Cleaning

- Cuff:
 - Wash the envelope by hand, or in a machine at 40°, in the closed position (to prevent different envelopes becoming attached together). *Detergents with neutral pH are recommended for cleaning.*
 - Rinse-Dry. *Machine drying is not recommended.*
- Bladder:
 - Wash the bladder by hand without allowing water to enter through the end of the connector. *Detergents with neutral pH are recommended for cleaning.* It is imperative to rinse the device correctly with demineralised water in order to remove the residues of disinfectants and detergents (do not immerse the bladder).
 - Rinse-Dry.

Autoclaving of the repackaged envelope and bladder assembly in an autoclave at 134° for 18 minutes; presence of residues of detergents or disinfectants can cause hardening or deterioration of the silicone elastomer as well as of the fabric.

STORAGE

| TYPE OF PACKAGING | STORAGE AREA | TEMPERATURE | HYGROMETRY | ATMOSPHERIC PRESSURE |
|--------------------|-----------------|---------------|------------|----------------------|
| Original packaging | Ventilated area | -10° to 40° C | 30 to 40 % | 500 to 1060 hpA |

MONOBLOC PU ARM AND LOWER LIMB CUFFS

Monobloc PU arm and lower limb cuffs, decontaminable with 1 or 2 bladders, made of a single Monobloc unit with a ribbon to secure the Velcro or a fastening strap (optional) and featuring a range of sizes identifiable by color-coding of the tubing. Available in straight and conical design to better fit the limb.



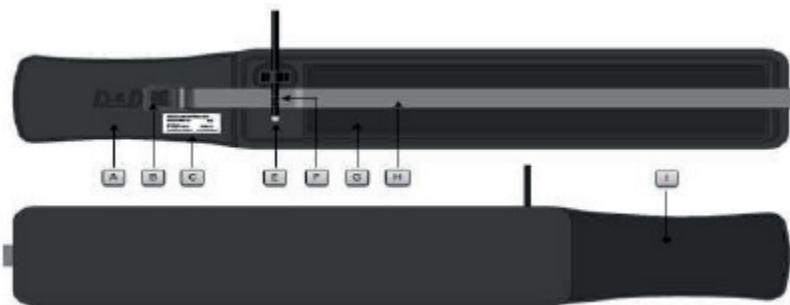
Optional fastening strap

REFERENCES

| | WITH STRAP | | WITH STRAP | | WITH STRAP | |
|-----------------------------|----------------------|----------|---------------------|----------|-----------------------|----------|
| | 1 BLADDER - STRAIGHT | | 1 BLADDER - CONICAL | | 2 BLADDERS - STRAIGHT | |
| Infant arm cuff | GBDM101 | GBDMS101 | / | / | / | / |
| Child arm cuff | GBDM102 | GBDMS102 | / | / | GBDM202 | GBDMS202 |
| Small adult arm cuff | GBDM103 | GBDMS103 | / | / | / | / |
| Adult arm cuff | GBDM104 | GBDMS104 | | | GBDM204 | GBDMS204 |
| Large adult arm cuff | / | / | GBCM105 | GBCMS105 | / | / |
| | | | | | 2 BLADDERS - CONICAL | |
| Small adult lower limb cuff | GCDM103 | GCDMS103 | / | / | / | / |
| Adult lower limb cuff | GCDM104 | GCDMS104 | GCCM104 | GCCMS104 | GCCM204 | GCCMS204 |
| Large adult lower limb cuff | GCDM105 | GCDMS105 | GCCM105 | GCCMS105 | / | / |
| XL adult lower limb cuff | GCDM106 | GCDMS106 | GCCM106 | GCCMS106 | / | / |
| XXL adult lower limb cuff | GCDM107 | GCDMS107 | GCCM107 | GCCMS107 | / | / |

TECHNICAL SPECIFICATIONS

| IDENTIFIER | DESIGNATION | CHARACTERISTICS |
|------------|--|---|
| A | Fabric | Coatings TPU |
| B | Buckle (optional) | ABS |
| C | Label | Refer «Label Informations» |
| E | Angled connecting tube | Molded PU , High-Frequency welding, angle 90 ° |
| F | Connecting hose | Compound vinylique without phtalates 58 shore A |
| G | Velcro | Loop High-Frequency welding |
| H | Strap (optional) | Polyester |
| I | Velcro | Hook High-Frequency welding |
| J | Metal male connector with-O-ring A11008M | METAL |
| K | O-ring for connector A11322 | EPDM |



| REF. | OPTIONAL FASTENING STRAP | DESCRIPTION | TUBE COLOR | SIZES* (CM) | | |
|---------|--------------------------|--|------------|-------------|-----|-----|
| | | | | A | B | C |
| GBDM101 | GBDMS101 | Infant arm cuff | WHITE | 3,5 | 29 | 38 |
| GBDM102 | GBDMS102 | Child arm cuff | PINK | 4,5 | 35 | 48 |
| GBDM103 | GBDMS103 | Small adult arm cuff | PARME | 6 | 46 | 61 |
| GBDM104 | GBDMS104 | Adult arm cuff | LIGHT BLUE | 8 | 46 | 67 |
| GBCM105 | GBCMS105 | Large adult arm cuff | TURQUOISE | 10 | 47 | 70 |
| GCDM103 | GCDMS103 | Small adult lower limb cuff - Straight | YELLOW | 8 | 76 | 97 |
| GCDM104 | GCDMS104 | Adult lower limb cuff - Straight | VIOLET | 10 | 62 | 76 |
| GCDM105 | GCDMS105 | Large adult lower limb cuff - Straight | GREEN | 10 | 76 | 90 |
| GCDM106 | GCDMS106 | XL adult lower limb cuff - Straight | GREY | 10 | 82 | 100 |
| GCDM107 | GCDMS107 | XXL adult lower limb cuff - Straight | RED | 10 | 107 | 122 |
| GCCM104 | GCCMS104 | Adult lower limb cuff - Conical | VIOLET | 10 | 62 | 76 |
| GCCM105 | GCCMS105 | Large adult lower limb cuff - Conical | GREEN | 10 | 76 | 90 |
| GCCM106 | GCCMS106 | XL adult lower limb cuff - Conical | GREY | 10 | 82 | 100 |
| GCCM107 | GCCMS107 | XXL adult lower limb cuff - Conical | RED | 10 | 107 | 122 |

*A : Bladder Width - B : Bladder Length - C : Total Length

CLEANING AND DISINFECTION

Monobloc arm and limb cuffs are not sterilizable.

Dry cleaning:

- Spray detergent, disinfectant and bactericide foam onto the cuff, spreading the product evenly over the surface or a non-woven fabric.
- Let it dry.
- Rinsing is unnecessary. Recommended product: Surface'Safe /Anios

Immersion cleaning:

When immersing the device, make sure to keep the connector (on the tubing) out of the water.

| N° | Step | Aim | Products used | Duration | Conditions | Operating instructions |
|----|-----------------------|-------------------------------|-------------------------------------|----------|--|---|
| 1 | Pre-processing | Make cleaning easier | ANIOSYME DD1 | 5 min | 25 ml per 5 liters of cold or lukewarm water | 1-1 Prepare a soaking tank 1-2 Immerse the device 1-3 Rinse with tap water |
| 2 | Cleaning | Pre-disinfection | ANIOSYME DD1 | 5 min | 25 ml per 5 liters of cold or lukewarm water | 2-1 Prepare a soaking tank 2-2 Immerse the device 2-3 Cleaning with a soft brush or towels 2-4 Rinse with tap water 2-5 Wipe with a clean cloth |
| 3 | Chemical disinfection | Disinfection | STERANIOS 2 % | 15 min | No dilution, ready-to-use solution | 3-1 Prepare a soaking tank 3-2 Immerse the device and cover the tank 3-3 Rinse device thoroughly with sterile or filtered water 3-4 Wipe with a disposable cloth |
| 4 | Storage | Keep device until further use | Packaging for use in operating room | 6 months | Single-use packaging | Store medical devices as aseptically as possible |

STORAGE

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DDM FRENCH QUALITY

CE mark

Tourniquet cuffs are Class I medical devices. They comply with current European regulations.

After-Sales Service

GSH provides tourniquet cuffs maintenance and repair services. Contact our After-Sales Service on: +33 4 42 90 31 31.

Warranty

Monobloc cuffs are guaranteed for 2 years, and autoclavable cuffs are guaranteed for 1 year (under normal conditions of use). The warranty does not cover faulty maintenance by the user..