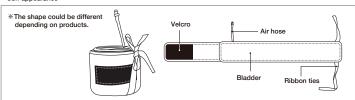


1. Intended use

Tourniquet cuffs intended to occlude the blood flow to obtain hemostasis field during limb surgery

2. Cuff description

Cuff appearance



- Features of the cuff

• As the elastic bladder guarantees the transmission of pressure to deeper tissue, the bladder can inflated

As the elastic bladuct guaranteed to a case the easily by lower pressure.

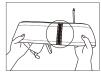
(Please refer to general pressure used normally in hospitals normal max pressure value is 300mmHg for adult's arm, 400mmHg for adult's leg, 200mmHg for child's arm and 300mmHg for a child's leg but the pressure setting value can be adjusted according to a patient's age, sex, weight, size... etc..)

• All the cuffs have been tested under 800mmHg under high quality control.

3. How to use cuff

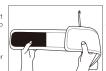
* In accordance with national or regional surgical procedures, sterile drapes are applied to DTS cuff and all parts (except the surgical site).

- Cautions before wearing the cuff



Check if the Velcro part is inserted properly into the fixing belt.





 Check a Velcro to be attached to inner part of a cuff when a cuff is spread out.

- How to wear cuff

- The selection of the cuff should be considered each patient's conditions and various assessment like contraindications, complications, infection and any damage with limitation.

 Double cuff can be recommended if operation time is more than 1 hour, it should be considered using the double cuff to minimize any damage like blood vessel, skin and nerve.

 Cone cuff should be selected if difference between the distal and proximal cuff edges of the patient's wear area is big.





- The cuff should be overlapped at least 7cm (3inches) when a cuff is wrapped on the part requiring homeostasis.
 The width of the cuff should be individualized and wider than half of the limb's diameter.
 The cuff should be wrapped on the most muscular and wide body part proximally(near the heart) as possible to minimize the damage of blood vessels, nerves and skin.
- · Position the cuff hose(tube) upwards when a cuff is wrapped on a limb.



Attach the cuff part with a ribbon on the center of the extremity as the starting point as the starting point, and then wind it tightly as far as just two fingers can be input inside of the cuff.

- How to connect the device and cuff

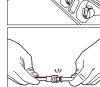
* If there is the gap between the skin and the cuff, pinch or leakage of blood may occur.

Cautions after wearing calf



Cuff should be aligned with ribbon ties not to be twisted or bounced out during inflation.

the bladder.



Connect the hose jacks to the socket of device and the jack of cuff hose until click is sounded.



Check whether the indicated colors are equal for the air socket of the device, the cuff hose and the air hose.

4. DISPOSAL

• Used or damaged devices must be disposed of in accordance with the relevant national and international legal regulations

5. How to reprocess cuff

* Please refer to the user manual for more information on reprocessing.

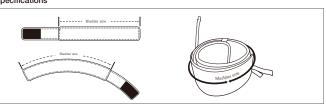
5-1. Cuff

Preparation	Remove all accessories (hose/cuff/IOP sensor).			
Cleaning	Use a cloth/sponge or brush to wipe off foreign substances on the cuff hose and gently shake off dust from the Velcro part. Wipe until contaminants are no longer visible to the naked eye.			
Inspection	1. Roll up the cuff and tie the ribbon, then connect it to the DTS-3000 and the hose. 2. Enter the maintenance mode of DTS-3000. 3. Enter the Cuff test mode and run the test 3 times. 4. During the test, there should be no flaring of the velcro, and check if the Pass is output on the displar connect the cleaned Hose and proceed with the inspection. The test is conducted 3 times, and PASS must be issued at least 2 times. For detailed test method, refer to the description of the Cuff te in the user's manual.			
Package	Store in a clean cloth or plastic bag.			
Storage	Store in the hospital storage room according to our instructions. Store the cuff according to hospital storage procedures, referring to the environmental conditions for storage in the user's manual.			
Transfer	Avoid contact with contaminants when the product is moved other than where it was cleaned.			

5-2 Silicono bladdor ouff

5-2. Silicone bladder cum				
Preparation Remove all accessories (hose/cuff/IOP sensor).				
Cleaning	After plugging the hose plug of the silicone bladder cuff, Use a brush or cloth/sponge to shake off foreign substances on the tube and cuff. Wipe until no foreign matter can be seen with the naked eye.			
Inspection	1. Roll the cuff and tie the ribbon, then connect it to the hose and main device. 2. Enter the maintenance mode of DTS-3000. 3. Enter the the Cuff test mode and run the test 3 times. 4. During the test, there should be no flaring of the velcro, and check if the Pass is output on the displass "Connect the cleaned Hose and proceed with the inspection. The test is conducted 3 times, and PAS must appear at least 2 times. For detailed test method, refer to the description of the Cuff test in the main body user's manual.			
Package	Pack the Silicone bladder cuff by sterilization-wraps approved as a medical device with the two layers			
Sterilization	Put the packaged CUFF into the Auto Clave and sterilize it under the following conditions. Temperature: 134 degrees Atmospheric pressure: 2 atm Sterilization time: 5 minutes Dying time: 15 minutes After sterilization according to hospital policy, check whether sterilization is done properly with MI / CI, BI, etc.			
Storage	Store in the hospital storage room according to our instructions. Store the cuff according to hospital storage procedures, referring to the environmental conditions for storage in the user's manual.			
Transfer	Avoid contact with contaminants when the product is moved other than where it was cleaned.			

6. Cuff specifications



- Cuff

Ref.No	Bladder size	Minimum recommended size	Maximum recommended size	Cleaning	Sterilization possible	Shape	
DTC-S02	40 X 7cm	25 cm <	< 33 cm	0	Х		
DTC-S04	52 X 7.5 cm	30 cm <	< 45 cm	0	X		
DTC-S05	61 X 9cm	39 cm <	< 54 cm	0	X		
DTC-S06	80 X 9cm	53 cm <	< 73 cm	0	X	SINGLE	
DTC-S07	86 X 10cm	59 cm <	< 79 cm	0	X		
DTC-S08	107 X 10cm	n 80 cm < < 100 cm		0	X		
DTC-D04	57 X 10cm	35 cm <	< 50 cm	0	X		
DTC-D05	80 X 15cm	53 cm <	< 73 cm	0	X	B 01 1B1 E	
DTC-D06	107 X 15cm	80 cm <	< 100cm	0	X	DOUBLE	
DTC-D07	57 X 15cm	n 35 cm < < 50 cm		0	X		
DTC-C25	70 X 10cm	48cm <	< 63cm	0	X		
DTC-C26	90 X 12cm	63cm <	< 83cm	0	X	CONE	
DTC-C27	107 X 14cm	80cm <	< 100cm	0	X	SINGLE	
DTC-CD25	70 X 10cm	48cm <	< 63cm	0	X		
DTC-CD26	90 X 12cm	63cm <	< 83cm	0	X	CONE DOUBLE	
DTC-CD27	107 X 14cm	80cm <	< 100cm	0	X	DOOBLE	

- Silicone bladder cuff

Ref.No	Bladder size	Minimum recommended size	Maximum recommended size	Cleaning	Sterilization possible	Shape
DTC-SA0	1 30 X 11cm	10 cm <	< 23 cm	0	0	
DTC-SA0	2 46 X 11cm	23 cm <	< 39 cm	0	0	
DTC-SA0	5 61 X 11cm	39 cm <	< 54 cm	0	0	SINGI F
DTC-SA0	6 76 X 11cm	54 cm <	< 69 cm	0	0	Ollvall
DTC-SA0	7 86 X 11cm	64cm <	< 79 cm	0	0	
DTC-SA1	5 52 X 7cm	30cm <	< 45cm	0	0	

*The dimensions of above table can be occurred deviation of 4~5cm according to production condition. Number of reuses: Cuff: 100 times, Silicone bladder cuff: 40 times

***	DS MAREF DAESUNG MAREF CO.,LTD.	298-24, Gongdan-ro, Gunpo-si,Gyeonggi-do, Korea Tel: +82-31-459-7211 Fax: +82-31-459-7215 E-mail: info@dsmaref.com
EC REP	Europe GmbH	KTR Europe GmbH Mergenthalerallee 77, Eschborn, Hessen, 65760, Germany Tel : +49(0) 6196-887170 Fax : +49(0) 6196-887-1728

Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.