

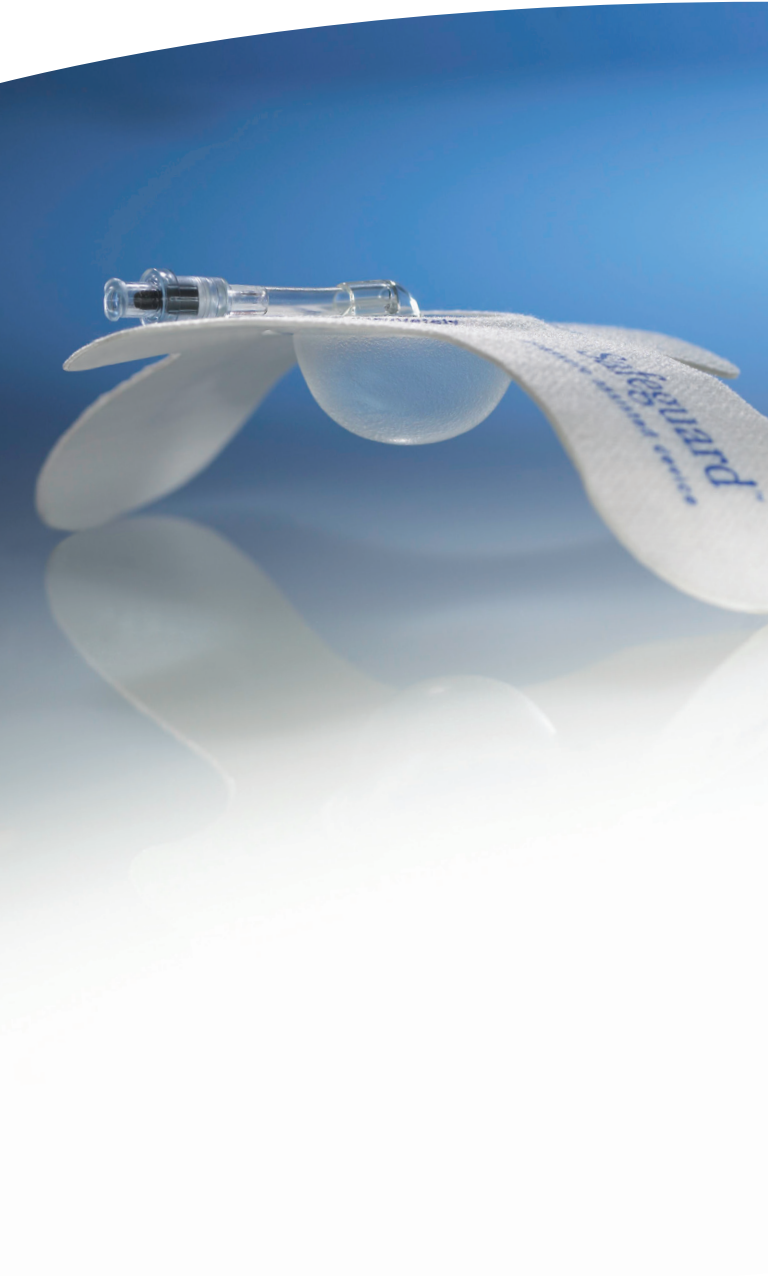
MAQUET
GETINGE GROUP

SAFEGUARD®
QUICK REFERENCE GUIDE

CARDIOVASCULAR



MANUAL ASSIST TECHNIQUE*
PRE AND POST HEMOSTASIS TECHNIQUE



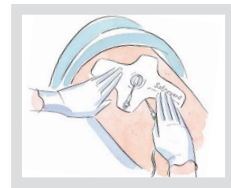
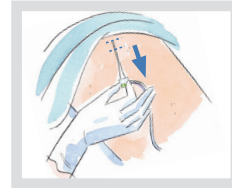
MAT* AND PRE HEMOSTASIS TECHNIQUE

SAFEGUARD 24cm BULB PRESSURES**			
ml's of Air	Average Force	Maximum Force	Minimum Force
0	0.12 lbs	0.24 lbs	0.09 lbs
20	4.89 lbs	6.93 lbs	0.74 lbs
30	11.59 lbs	14.85 lbs	8.83 lbs
40	18.74 lbs	22.55 lbs	15.20 lbs

**10 units were included in each sample set
These measurements were made on a metal plate - so human experience may vary. Skin and muscle tone may influence the force delivered.

Instructions for Use:

- 1 Before adhering SAFEGUARD to the patient, be sure skin is clean and dry. Consider the point of maximum pulse, anatomy, angle of puncture and direction of flow to determine the appropriate SAFEGUARD position and verify.



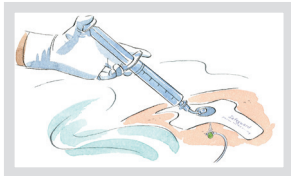
Note: Placement may require adjustment based on the patient's anatomy, the angle of the puncture site and the presence or absence of a procedural sheath.

- 2 Pull the procedural sheath back approximately 1 inch (2.5cm), if present, so that when SAFEGUARD is adhered to the skin the sheath hub is outside the area of the SAFEGUARD adhesive.

Note: It is recommended that you aspirate the sheath prior to removal to prevent distal embolization from residual clot in sheath.

*MAT for SAFEGUARD 24cm only.

- 3 Remove the adhesive backing and place the bulb where you would position your fingers to hold manual compression i.e., typically the point of maximum femoral pulse. Make sure SAFEGUARD is completely adhered to the skin.



- 4 Attach and completely engage a luer lock syringe to inflate to a maximum volume of 40cc's of air into the bulb to apply pressure on the puncture site. Syringe must be completely engaged in the luer to inflate/deflate the bulb. Remove Syringe.



- 5 Remove sheath, then immediately apply manual compression directly over the inflated bulb.
- 6 Hold manual compression until hemostasis has been achieved.[†]
- Slowly release manual compression.
 - Check distal/proximal blood flow to assure patency.
 - Confirm hemostasis by viewing the site through the inflated bulb window.

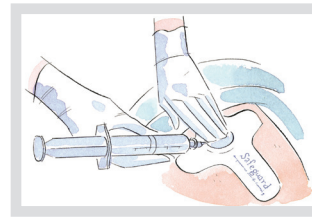
†Recommendations (MAT only):

Diagnostic patients - minimum 5 minutes

Interventional patients - minimum 10 minutes

- 7 Per hospital protocol, periodically check the site through the bulb window to confirm hemostasis and to manage the bulb volume and resultant pressure as needed. Continue to check distal/proximal blood flow to assure patency.

- 8 Deflate bulb every two hours to allow for capillary refill and to assess the site. Re-inflate the bulb if necessary.



- 9 Deflate the bulb by attaching an appropriately sized luer lock syringe to the valve, engage the valve and slowly depress the bulb allowing the syringe to fill with air.

Note: Do not draw negative pressure in the syringe, as this will create a vacuum on the site.

- 10 Prior to discharge of the patient, remove SAFEGUARD and apply sterile dressing per hospital protocol.

POST CARE INSTRUCTIONS

- Observe puncture site through SAFEGUARD's clear window and assess site per hospital protocol.
- Check blood flow per hospital policy.
- Slowly deflate bulb every two hours to allow for capillary refill.
- Re-inflate only if necessary.
- Ambulate patient per hospital protocol.

Note: SAFEGUARD is sterile and can be used as the patient's sterile dressing.



SAFEGUARD 24cm

maximum air volume = 40ml

POST HEMOSTASIS TECHNIQUE

SAFEGUARD 24cm BULB PRESSURES**			
ml's of Air	Average Force	Maximum Force	Minimum Force
0	0.12 lbs	0.24 lbs	0.09 lbs
20	4.89 lbs	6.93 lbs	0.74 lbs
30	11.59 lbs	14.85 lbs	8.83 lbs
40	18.74 lbs	22.55 lbs	15.20 lbs

SAFEGUARD 12cm BULB PRESSURES**			
ml's of Air	Average Force	Maximum Force	Minimum Force
0	0.72 lbs	1.22 lbs	0.11 lbs
3	2.07 lbs	2.77 lbs	1.33 lbs
5	4.44 lbs	5.43 lbs	3.55 lbs
7	9.05 lbs	10.32 lbs	7.87 lbs

**10 units were included in each sample set
 These measurements were made on a metal plate - so human experience may vary. Skin and muscle tone may influence the force delivered.

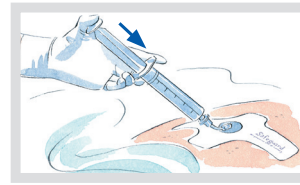
Instructions for use:

- 1 Apply SAFEGUARD:
 - Assure that hemostasis at the access site has been achieved.
 - Access site should be visible under the bulb window of the SAFEGUARD device.
 - Remove adhesive backing and apply to clean, dry skin.



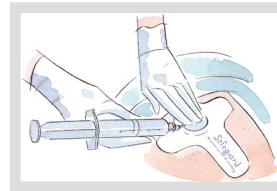
- 2 Inflate bulb:
 - Attach and completely engage a luer lock syringe to the valve, engage the valve and slowly depress the bulb allowing the syringe to fill with air.
 - Or remove plunger from the syringe, attach syringe and allow air to slowly release while gently depressing the bulb.

- Detach the syringe while maintaining forward pressure on plunger.



- 3 Deflate:
 - Deflate the bulb by attaching an appropriately sized luer lock syringe to the valve, engage the valve and slowly depress the bulb allowing the syringe to fill with air.
 - Or remove plunger from the syringe, attach syringe and allow air to slowly release while gently depressing the bulb.

Note: Do not draw negative pressure in the syringe, as this will create a vacuum on the site.



POST CARE INSTRUCTIONS

- Observe puncture site through SAFEGUARD's clear window and assess site per hospital policy.
- Check blood flow per hospital policy.
- Slowly deflate bulb every two hours to allow for capillary refill. Re-inflate as needed.
- Remove device prior to patient discharge.

Note: SAFEGUARD is packaged sterile and can be used as patient's sterile dressing.

Ordering information call 1 800 777 4222

Description	Part No. U.S.	Part No. International
SAFEGUARD 24cm (10 per box)	82000D	82000
SAFEGUARD 12cm (10 per box)	82050	82050

MAQUET

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