

PROCEDURE FOR: Use of Hemoband Compression Device

POLICY: Cardiovascular technologists, registered nurses, APRNs and physicians upon completion of demonstrated competence may use the Hemoband compression device to achieve hemostasis after removal of radial arterial sheath.

SUPPORTIVE

DATA: The Hemoband device is used for controlled radial compression after intravascular sheath removal in patients who have had routine diagnostic cardiac catheterization, balloon angioplasty and intracoronary stent implantation.

EQUIPMENT: Hemoband Compression Device

PROCEDURE:

Action

Points of Emphasis

Prior to Sheath Removal-Hemoband Placement

1. Maintain patent peripheral intravenous line.
2. Document patient's Blood Pressure.
3. Carefully examine the puncture site area prior to sheath removal for any pre-existing hematomas and to assess precisely where the hemoband is to be positioned.

Sheath Removal - Hemoband Placement

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| 1. Place the strap around affected wrist. | |
| 2. Aspirate sheath for thrombus and remove sheath. | |
| 3. Apply elastoplast pressure dressing. | |
| 4. Tighten band to assure full control of bleeding. | 4. Assess for normal perfusion (blanching, temperature) distal to the HemoBand Device |
| 5. Monitor band to maintain proper positioning | |

Hemostasis

1. Leave hemoband intact x 1 hour.
2. Loosen Band and observe q 5 min. x 2 then q 30 min x 2.
2. Do not reapply hemoband.

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<u>Action</u>	<u>Points of Emphasis</u>
3. If no bleeding/hematoma, remove band.	3. If bleeding is noted, apply manual pressure. Contact MD/APRN.
4. Check wrist for bleeding/hematoma with vital signs.	
5. Check capillary refill with vital signs.	
6. Elevate arm above chest level.	
7. Elastoplast pressure dressing to be left intact until the following A.M.	

After Removal of Elastoplast Dressing

1. Cleanse wound with soap and water.
2. Assess circulation to hand.
3. Apply Bandaid.

APPROVAL: Nursing Standards Committee

EFFECTIVE DATE: 10/03

REVISION DATES: 3/04, 6/06