

PT 7890 – Case Management I
Wound Management Adjuncts: **Compression, Pressure Relief**

Applicable for this type of wound	Device	Purpose	Suitable for long term use?	LE ROM & hand dexterity required?	OK to apply over a dressed (healing) wound?	Stable edema level required?	Compliance is a factor?	High skill level to don and doff?	High expense?	
Venous insufficiency (chronic)	Unna's Boot	Non-elastic , semi-rigid. Facilitates calf pump during gait	N	Na	Y	N	Na	Na	~	
	Compression stocking: Custom fit	Elastic compression	Y	Y	Probably not	Y	Y	N	Y	
	Compression stocking: Off the shelf	Elastic compression	Y	Y	Probably not		Y	N	N	
	Controlled tension wrap: Surepress® Setopress®	Elastic compression: Long stretch	Y	Y	Y	N	Y	Y	N	Rectangular or circular marks for proper pressure application
	4-Layer Profore®	Elastic compression: Long + Short stretch	Y	Y	Y	N	Y	Y	N	
	CircAid ®	Non-elastic , adjustable compression	Y	Y	Possibly	Relatively	Y	N	~	Custom or stock; Apply with equal tension
Post-op prophylaxis for DVT	- Sequential Compr. Device - Anti-embolus stocking (TED) - warfarin									TED: 18 mm at the ankle. Intended for use when supine.
Arterial insufficiency or diabetic ulcer on plantar surface	Total Contact Cast (TCC); * Posterior Walking Splint	- Off-loads plantar pressure - Rigid - Rocker Bottom	N	Na	Y	Na	Na	Na	~	NOT appropriate if wound is infected
	Custom molded insoles (with cutout)	Pressure dispersion	Y	N	Y	Na	Na	Na	~	
	Rocker bottom	Off loading plantar p.								
	T-shaped steel shank	Off loading plantar p.								
Lymphedema	Multi layered wrapping	30mm Hg Many CONCENTRIC layers applied	Y	Y	?	N	Y	Y	?	UE: post mastectomy LE lymphedema

* Posterior Walking Splint: a bivalved TCC using just the posterior half and the shoe surface, held on with an Ace wrap

Absolute Contraindications for Compression	Relative Contraindications for Compression
1. Severe Peripheral Arterial Disease 2. Decompensated Congestive Heart Failure 3. Septic Phlebitis	1. Decreased or absent sensation in the leg 2. Allergy to compression material 3. Moderate peripheral arterial disease 4. Infection in the leg