



Smith+Nephew

LOWER LIMB ASSESSMENT AND COMPRESSION WORKSHOP

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Compression Therapy

- Compression therapy & elevation are necessary elements of venous leg ulcer(VLU) management & considered a gold standard treatment for VLU's
- Helps reduce edema and improve venous return, reducing venous hypertension
- Supports the calf muscle pump
- Compression increases healing rates compared to no compression
- The goals of compression are to reduce edema, improve symptoms, heal ulcers & prevent ulcer reoccurrence
- Wraps, garments, devices and bandages all provide compression

Understanding the differences in compression bandages

Elastic or Inelastic	Key points	Examples
<p>Elastic (long stretch)</p> <p>Can be: Single component Multi-component(2, 3 or 4 layers)</p>	<p>High resting pressures, low working (walking) pressures</p> <p>Effective whether patient is walking or not</p>	<p>PROFORE[◇], PROFORE Lite</p>
<p>Non elastic (short stretch)</p>	<p>High working pressures, low resting pressures</p>	<p>Unna boot</p>

Determining treatment options

ABI Result	Perfusion Status	Considerations
>1.3	Elevated, incompressible vessels	Toe pressures indicated
>1.0	Normal	Sustained high compression therapy
≤ 0.90	LEAD	Sustained high compression if ABI > 0.8
≤ 0.6 to 0.8	Borderline	Reduced compression
≤ 0.5	Severe ischemia	Compression contraindicated
>0.4	Critical ischemia, limb threatened	Immediate referral for urgent consult

PROFORE[◇] Multi-layer compression bandage system



- 4-layer compression system
- Stays in place for up to 7 days
- Provides ~40mmHg pressure at the ankle decreasing to ~17mmHg pressure at the knee
- Available latex free

Contraindications & Precautions

- Do not use PROFORE[◇] on patients with an ABI of < 0.8 or on diabetics with small vessel disease.
- PROFORE LITE can be used on patients with an ABI of 0.6-0.8
- Ankle circumference should be between 18cm – 25cm
- Remove dressing if the patient develops pain or pale, cool or numb extremities
- PROFORE # 1 padding can be used to protect bony prominences, fill in deficits or to improve absorption

PROFORE[◇] - 4 layer graduated sustained compression



PROFORE[◇] Lite (reduced compression)



- 3-layer compression system
- Apply on patients with ABI of 0.6-0.8 mmHg
- Contraindicated in patients with an ABI <0.6
- Stays in place for up to 7 days
- Offers reduced compression from the original PROFORE kit
- Available latex free

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THANK YOU !

QUESTIONS

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