Improved Healing rates for Simple Venous Leg Ulcers in the community setting

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Background:

- Trust target for healing simple venous leg ulcers is a 75% healing rate within 20 weeks
- Data in the Trust indicated 41% healing rate
- Best Practice was not being implemented?
- Long Leg ulcer clinic waiting lists
- Heavy community nursing workloads
- No formal assessment
- Death by power point training
What to change?

• Leg ulcer training needed to be reviewed

• Resources needed to be updated and reenergised

• Assessments templates needed reviewing – to increase clinicians understanding and ensure validity of data being reported

• Practice to be standardised across the Trust to ensure ‘outdated’ practice was eradicated

• All training and guidance will be updated and in line with best practice
Quality Improvement Plan:

The 6 key steps comprise of:

1. Interactive E-Learning leg ulcer theory training package
2. Video resources
3. Updated leg ulcer handbook
4. An Algorithm has been produced to guide staff on what to do following a full lower leg assessment
5. Updated assessment and care plan templates
6. Leg ulcer clinic co-ordinator
Leg ulcer resources

- E-Learning
- Recap: Video Resource
- Staff Handbook
- Step-by-step ABPI Guide
- ABPI Algorithm

http://recap.nottinghamshirehealthcare.nhs.uk/prescriptions/8889
E-Learning package

- **Theory**
- **Assessment**
- **Treatment Plan**

This course introduces signs and symptoms of venous and arterial disease, followed by the lower leg theory of preforming a Doppler assessment and treatment and management of leg ulcerations. It covers the essential information you need before attending the lower leg assessment and management practical training day.

This training is relevant to all clinical staff as a prerequisite to attend lower leg assessment and management practical training day.

Click on the right facing arrow at the bottom of the screen to continue.

The Learning and Development team working with the Tissue Viability Institute created this programme to ensure that all healthcare professionals have the correct knowledge and training needed to manage patients suffering from arterial and venous disease.

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**Lower Leg Treatment and Management**

**Welcome**

**Understanding voice sounds**

<table>
<thead>
<tr>
<th>Voice</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monophasic</td>
<td>A single sound, indicating the probe is unable to penetrate the artery, indicating a diseased artery.</td>
<td>Chirp sound</td>
</tr>
<tr>
<td>Doppler noise</td>
<td>Not an optimal angle. It also signifies a healthy artery.</td>
<td></td>
</tr>
<tr>
<td>Triphasic</td>
<td>Three sounds heard together, indicating obstruction of the artery.</td>
<td></td>
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</tbody>
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Results...

- The Trust will save approx. £19,328 annually following the implementation of the online training.

- Healing rates are now between 90-100% within the Trust.

- Leg ulcer healing rates are now being reported on a monthly basis.

- Tissue Viability Team monitoring localities.

- Staff are being formally tested on the Theory.

- Sustainable training model.

- Better patient outcomes.
Sharing the Learning...

- Accurate and Valid Data collection
- E-Learning tool time intensive
- Managing the change in practice
- Consistency
- Team approach
Any Questions??