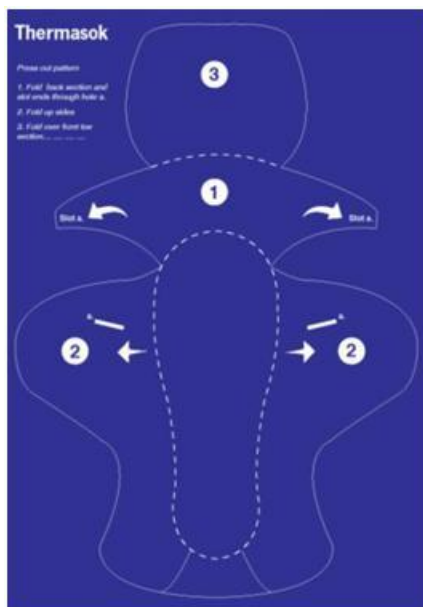


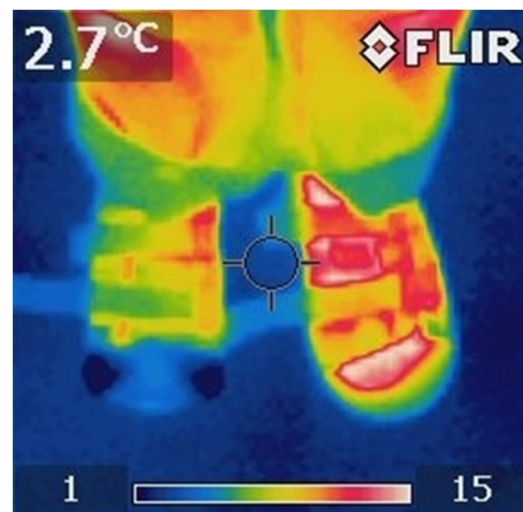
*Developed by Gillian Mehraban, Centre for Health Sciences Research*

Foot ulcers occur in around 5% of diabetic patients. They are often slow to resolve, but keeping the wound close to body temperature is known to promote healing. A thermal covering has been developed to take advantage of this beneficial effect.

- Temperature control of wound promotes healing
  - Improved patient comfort and mobility
  - Reduces onset of more severe problems that can lead to amputation
- Significant cost savings for healthcare providers
  - Direct savings in staff time and replacement dressings
  - Indirect savings through reduced incidence of complications
- Inexpensive, disposable and compatible with Darby sandal



*Design template*



*Thermal imaging demonstrating reduced heat loss*

### Seeking:

Commercial partnership for further development and clinical trials, with option of exclusive rights to license the technology.

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