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## **“Understanding the impact and associations of Health Literacy with outcomes for Chronic Limb-threatening Ischaemia (CLTI); The HeaLTHI study”**

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### **Introduction:**

Health Literacy (HL) is the ability to obtain, process and understand health information needed to make health-related decisions. Some healthcare settings have established that inadequate HL is associated with adverse health outcomes. Research suggests that 76.7% of vascular patients have inadequate health literacy. This is concerning given that chronic limb threatening ischaemia (CLTI) can lead to limb-loss. The HeaLTHI study aims to assess the effect of health literacy on CLTI post-intervention outcomes.

### **Methods:**

HeaLTHI is a HRA approved (REC:21/NI/0092) retrospective cross-sectional study evaluating the Health Literacy (by a validated 12-item HLS-EU-Q12 Questionnaire) of 100 participants at 1-year post-surgical intervention for CLTI. Associations with baseline demographics, socio-economic status (using indices of multiple deprivation, IMD), clinical complications, survival and re-interventions will be examined.

### **Results:**

HRA and REC have been granted and data collection is underway. The results are anticipated in advance of the VSGBI ASM.

### **Conclusion:**

This study will evaluate the current HL associations with adverse outcome. Given that HL is potentially modifiable, it is hoped that the HeaLTHI study will drive improvements in a shared patient and clinician priority area.