

Pain-free technique in development

THE INSTITUTE of Photonics (IoP) at the University of Strathclyde is working with Lein Applied Diagnostics to develop a pain-free optical technique to help diabetics measure their glucose levels.

The University of Manchester and Sira are also involved in the project, led by Lein, to develop non-invasive blood glucose measures.

The team is working on a hand-held optical sensor that determines the glucose level of a person with diabetes through the eye's aqueous humour. Glucose measurements are currently performed by pricking the finger and placing a finger stick with a blood sample into a small analyser four or five times a day. This can be painful, inconvenient and unhygienic.

Tim Holt, chief executive of the IoP, said: 'We are delighted to be working with Lein Applied Diagnostics in this exciting project.'

'This is yet another example of our research expertise and knowledge being purposefully transferred into industry.'