

Research · Industrial Design · Engineering Science · Medical · Technology Development · Electronics · Software · Innovation



SIAScope™ Medical Imaging System

Radio 4's Science Now programme led CDP into a multi-million pound venture in early stage melanoma detection.

The result was the SIAScope™ medical imaging system which allows doctors to reliably diagnose melanoma skin cancer without resorting to a biopsy. The project was developed from university research to a CE approved production prototype in 12 months. The rapid development of a well-designed technology platform was key to securing investor confidence in the technology. With SIAScope technology proven in clinical trials and showing increased acceptance in the medical sector, the technique is now entering the cosmetics market to appear in high street stores.

Skills Deployed

- Optics
- Digital imaging and processing
- Medical device regulatory approval
- Use of industrial design to increase awareness

Technical Highlights and 'World Firsts'

- Non invasive accurate diagnostic assistance
- Image processing to provide a patient friendly interface
- High bandwidth optical design for focus free imaging

Astron Clinica now develop and market the SIAScope technology from their R&D centre in Toft, Cambridge and marketing offices around the world.

<http://siascopy.biocompatibles.com>

I.D. DESIGN DISTINCTION
ANNUAL DESIGN REVIEW

