



Tay**Health**Tech

Driving forward healthcare solutions
for the people of Tayside



FACILITIES GUIDE

BioDUNDEE

Dundee is the location of one of the UK's most exciting and dynamic biomedical and life sciences communities in the UK, with world-class companies, universities and research institutes all within a 3-mile radius. Dundee offers a wide range of expertise from drug discovery, through medical devices and diagnostics, to ag-biotech and environmental biotechnology.

BioDundee Community

BioDundee offers a truly open and accessible network to help aspiring companies develop and test products from concept to launch.



[Explore the BioDundee Community](#)



[Connect on LinkedIn for the latest activities](#)

The Dundee City Region Convention Bureau (DCRCB) and its partners are honoured to help you host a conference, meeting or congress in the Dundee City Region. We have an excellent track record of successfully hosting national and international meetings.



[How the convention bureau can assist](#)

Dundee City Region

CONVENTION BUREAU

WORKING WITH YOU FOR YOU

Improving the lives and health of people living in care homes is a major priority, but care home residents and practitioners are generally underrepresented in research studies.

Enabling Research in Care Homes (ENRICH) aims to change this by strengthening support for research outside the NHS through a network of 400 “research ready” care homes across Scotland, over 50 of which are in Tayside.

ENRICH provides practical support to both care homes and research teams to develop and deliver research to care homes in Scotland.



[About ENRICH](#)



[Fill out the ENRICH support request form](#)

HIC leads in secure data management, providing a dynamic data ecosystem where innovators are empowered to discovery, simplifying access to sensitive data whilst maintaining security for:

- Trusted Research Environment / Safe Haven
- Software Service
- Data Service
- Research Activities



**Health
Informatics
Centre**



Image Guided Therapy Research Facility University of Dundee



The Image Guided Therapy Research Facility (IGTRF) at the University of Dundee has pioneered the development of a human Thiel cadaveric model that enables extracorporeal perfusion of the arterial and venous system. It provides the ideal “first in man” testing for new medical devices, supporting proof of concept and regulatory applications.

The highly skilled team deliver bespoke simulation pathways and can offer imaging with CT, MR, DSA angiography, C-Arm X-ray, ultrasound, IVUS, endoscopy and internal vessel temperature and pressure control.



MDMC

Medical Device Manufacturing Centre



We provide medical device developers and manufacturers with the advice, technical expertise, and facilities essential for companies that are seeking to translate medical device concepts to commercial products. Our mission is to provide expert advice on manufacturing, engineering, regulatory issues and funding, coupled with technically supported access to manufacturing facilities.

Accessing MDMC is free to Scotland-based companies; Tay Health Tech have funds to provide access for others.

WWW.MDMC.AC.UK

 **Scottish Enterprise**



MDMC

Medical Device Manufacturing Centre

Available MDMC facilities:

University of Dundee facilities

- High tolerance subtractive manufacturing:
 - *4 & 5 Axis CNC milling*
 - *CNC high precision lathe*
 - *Micro-Electrical discharge machining*
- Sub-micron metrology and inspection
- Atomic force microscopy including conductive and live-cell AFM
- CNC laser welding
- Surface finishing

Heriot-Watt University facilities

- Laser machining, marking and welding
- 3Dprinting (including at the microscale)
- Direct writing conductive tracks in 2D and 3D
- Mechanical and Electrical-discharge machining
- Net shape volume forming
- Testing and characterisation
- Medical device sterilisation





SHARE is an NHS Research Scotland initiative. It has been created to establish a register of people, aged 11 years and over, interested in participating in health research. Now with over 310,000 people registered across Scotland! Whether you are looking for volunteers, samples and/or data for your study, fill out a free feasibility application or get in touch.



[How SHARE works for Researchers](#)