

IMPERIAL

SUPERCONNECTOR

ORUK
MSK Innovation Accelerator



Summary

Over the past two years, our partnership with Orthopaedic Research UK (ORUK) has successfully supported 20 researchers, innovators and startups through our structured, milestone-based acceleration programme focused on musculoskeletal and orthopaedic innovations.

Building on this proven track record of identifying and developing the UK's most promising early-stage ventures in these fields, we are committed to continuing this partnership for another year, providing ORUK with continued early access to high-potential investment opportunities in the orthopaedic sector.

Programme Structure:



Imperial SuperConnector

Established in 2018, with funding from Research England, the SuperConnector is an Imperial-led collaboration of 8 academic institutions supporting Early Career Researchers translate their early-stage MedTech & AI innovations.

For the past 6 years, we have experimented with several accelerators models to find the most effective programme for developing early-stage MedTech innovation.

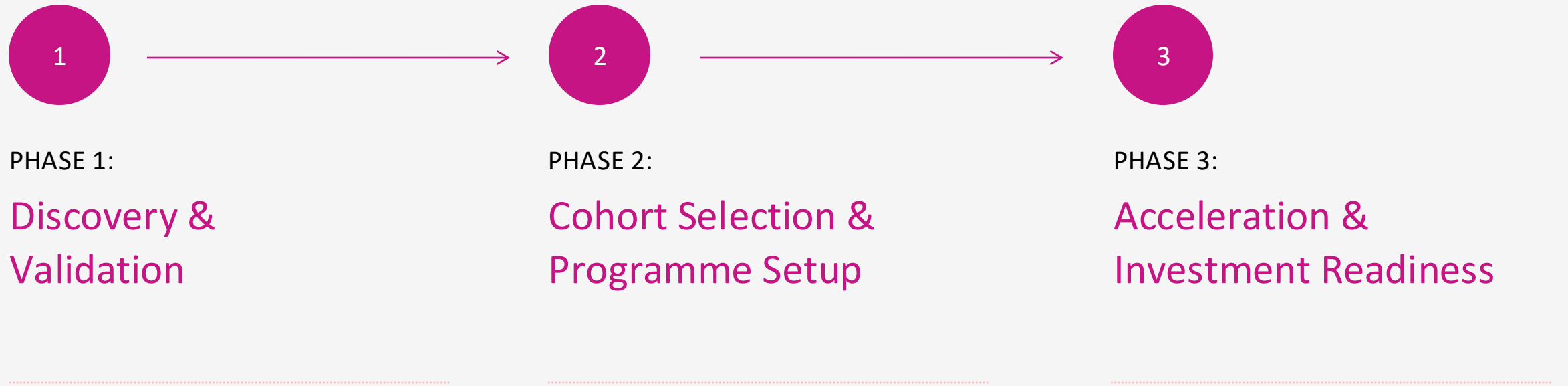
We have co-developed a world-class entrepreneurship training and hands-on learning programme together with the Imperial College Business School.

Imperial SuperConnector handpicks the finest talent from UK academic institutions, taking them through a 6-month part-time intensive venture building programme.

Key Programme Features

- Fully facilitated entrepreneurship training
- Network of Mentors and Industry Experts
- Imperial College Business School curriculum
- Expert-led Masterclasses
- Clinical and Innovation support

Programme Structure:



About the Programme

The proposed accelerator training programme will bring together the best early-stage musculoskeletal innovations from across the UK university sector, accelerating them from bench to bedside through a dedicated 6-month accelerator programme:



Outcomes & Impact

20

Twenty ventures supported
since November 2023

57%

57% developed new IP
(products, services,
processes, knowledge)

29%

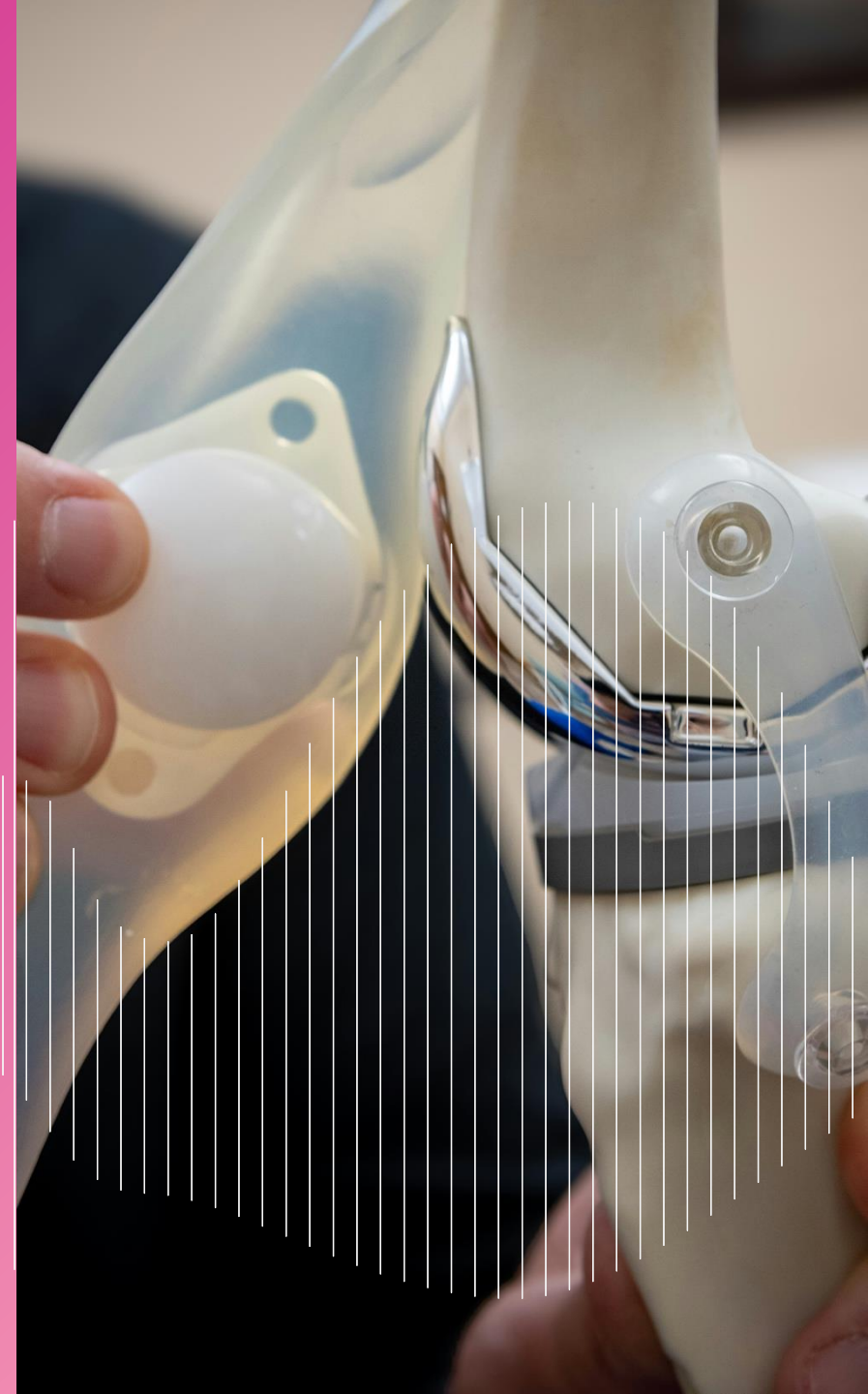
29% expanded teams/hired
staff

£392k

£392,000 raised in
investment and grant
funding
Orthofuse & Smart Gauge
Secured ORUK investment

Introducing ...

Joint Venture Academy online learning initiative



Pilot Online Learning Initiative

The Joint Venture Academy Online Course is a pioneering online learning initiative developed in partnership with Orthopaedic Research UK to empower clinicians, researchers, and engineers with essential innovation skills in musculoskeletal healthtech.

Target Audience

Clinicians, researchers, and engineer innovators in musculoskeletal healthcare

Delivery Format

100% online, asynchronous learning with 4-6 hours per module

Foundation Phase

Pilot to evaluate demand for comprehensive MSK innovation education

Three Focused Pilot Modules

1. Evaluating Ideas & Opportunities
2. Protecting Your Innovation
3. Regulatory Pathways

We need your support!

Join us in revolutionising MSK innovation education by supporting the next generation of clinicians, researchers, and engineers to transform musculoskeletal healthtech.



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Thank you

