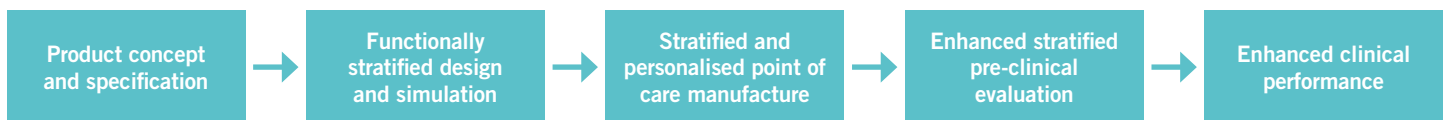


## Advancing Innovative Medical Device Manufacturing

Developing innovative methods to manufacture the **right product** ranges, through the **right process**, and deliver them effectively to the **right patient** at the **right time**.

### INNOVATIVE MANUFACTURING



### Medical Device Market

The medical technology market is estimated to be worth **£150-170bn** worldwide with growth forecast at 10% per annum over the next 5-6 years. By 2015 the market size will be approaching £300bn.



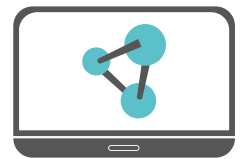
### Functionally Stratified Design

Our research will develop novel methods for functionally stratified design and simulation using new parameterised model systems.



### Stratified & Point of Need Manufacture

We will develop patient specific manufacturing processes using 3D printing, to treat defects in the musculoskeletal system at as early a treatment stage as possible.



### Enhanced Pre-clinical Testing

We will develop enhanced and stratified pre-clinical test methods which address the variations in operating conditions and patient needs, to deliver SAFER devices.



### Join our Network

MeDe Innovation: Share information, knowledge and ideas, and debate the challenges and issues facing the Class III medical device manufacturing community: Academics; Businesses; Clinicians.  
[mede-innovation.ac.uk](http://mede-innovation.ac.uk)

### Working in Partnership

**£5.7m** investment from EPSRC with an additional investment of **£1.9m** from industry.

Ceramisy Ltd  
Sheffield  
Corinthian Surgical Ltd  
Nottingham  
DePuy Synthes Companies of Johnson & Johnson  
Leeds  
Eminate Ltd  
Nottingham  
Fripp Design Ltd  
Sheffield  
Glass Technology Services Ltd  
Sheffield  
JRI Orthopaedics Ltd  
Sheffield

Materialise UK Ltd  
Rotherham  
NetComposites Ltd  
Chesterfield  
NIHR LMBRU  
Leeds  
Promethean Particles Ltd  
Nottingham  
Simpleware Ltd  
Exeter  
Simulation Solutions Ltd  
Manchester  
Surgical Innovations Ltd  
Leeds



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## Join our community

The MeDe Innovation Network exists to provide support to the medical device sector, including academic, industry and clinical members. As a member of the Network, you will benefit from:

- > access to information about manufacturing research, from our Centre's research outputs, international partnerships, and clinical centres in medical device innovation throughout the UK
- > access to Technology Roadmapping techniques to help shape and inform future research needs
- > updates on sector news and events, through e-newsletters, network events and an annual conference
- > access to commercial opportunities arising from our work with the Medical Technologies Innovation and Knowledge Centre
- > being part of an influential contributor to the UK medical device landscape
- > marketing opportunities to highlight your organisation's news and events on the MeDe Innovation website

Dissemination of research and moving it along to adoption and commercialisation is central to our mission and we value input from those working across the medical device sector in the UK. The network aims to not only inform, but also to connect, enabling businesses, policy makers, academics and clinicians to share information, knowledge and ideas and debate the challenges and issues facing the community.

Membership is free and it's easy to join – contact us now.

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## Contact us

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