

This series of leaflets highlights the career opportunities in Clinical Engineering.

To find out more about Medical Physics or Clinical or Biomedical Engineering, contact us:



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## Other Clinical Engineering Careers

- Rehabilitation Engineering
- Physiological Measurement
- Radiotherapy Engineering
- Medical Device Management
- Medical Device Innovation



Find the IPEM Careers Guide here

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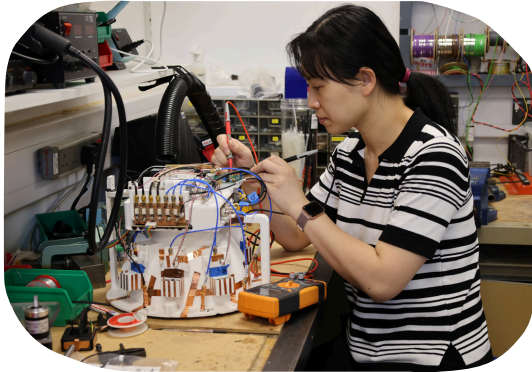
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## Clinical Engineering Careers

### Medical Device Innovation





## What is Medical Device Innovation?

Every medical device you see today started as an idea. It's about creating new tools and technologies that:

- improve patient care,
- make healthcare more efficient,
- meet unmet clinical needs
- help reduce costs.

It's a team effort, involving:

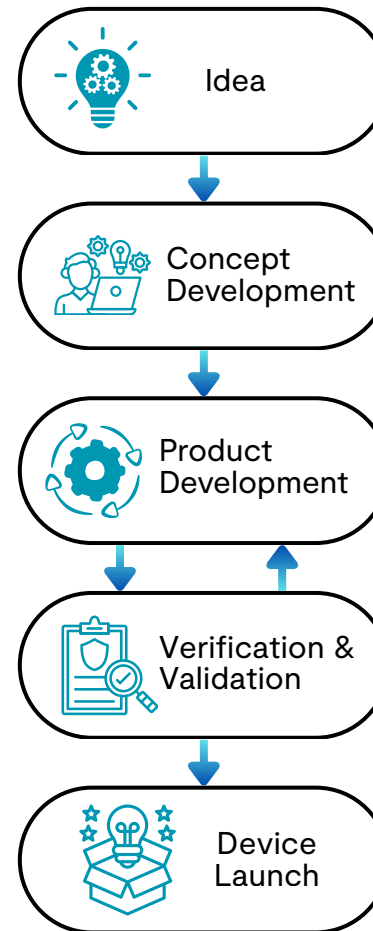
- healthcare staff who understand patient needs
- industry partners who design and build
- regulators who ensure safety of equipment
- patients who share real experiences



Hear from some real life  
Clinical Engineers here



## How does innovation happen?



### From idea to reality

Turning an idea into a real device takes many steps, using tools like Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM) to create early designs (prototypes).

But it's not just about building something that works. It must be:

- Safe for patients
- Easy to use
- Legally compliant

