

MEMS

Medical Equipment Management Service

Specialist Mechanical Workshop

The Specialist Mechanical Workshop designs, develops, manufactures, services & repairs bespoke medical and assistive aids for the treatment, care and rehabilitation of patients both within the NHS and within the community.



Plymouth Hospitals 

NHS Trust

Specialist Mechanical Workshop
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Leading with excellence, caring with compassion



MEMS

Medical Equipment Management Service

Special Mechanical Workshop

Our workshop designs, manufactures, services and repairs bespoke medical and assistive aids for the treatment, care and rehabilitation of patients, within the NHS and communities. The workshop services include maintaining mechanical equipment such as manual wheelchairs and other devices. We cover a wide range of mechanical engineering processes and can provide prototypes and low volume manufactured products in a variety of materials, particularly bespoke items that are not available commercially.

The workshop uses latest CAD software to draw and model designs. Our designs can be used in conjunction with outsourced 3D print companies who offer several print materials to produce either rapid prototyping or a finished article.



Mechanical services

Typically 120 new items manufactured per year including:

- ◆ Bespoke wheelchair attachments
- ◆ Customised trolleys/stands
- ◆ Measurement alignment jigs
- ◆ Patient specific aids

Rehabilitation Service

Items manufactured/modified in support of patient rehabilitation.

- ◆ Chairs and foot boxes for children's services
- ◆ Bespoke wheelchair leg supports for post operative patients.
- ◆ Transport trolleys for portable oxygen units

Wheelchair Contracts

Manual wheelchairs (for NHS Trusts, other healthcare organisations and private patients) and service/repair of hospital Portering Chairs.

Innovation

Part of the 'INNOVATION SUPPORT GROUP', the workshop can help you with your innovative ideas from initial concept through product development to product realisation.

Theatre Operation Tools

Repair and profiling of surgical instruments including miniaturised items. Design and manufacture of new medical and theatre tooling and development of new innovative ideas.

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