The Aortic Big Picture

Life long Aortic Health Care for our local communities
Diagnosis (Emergency)

- Symptoms
- Emergency Room
- Diagnosis
- Transfer
- Public awareness
- Physician awareness
- Biomarkers
- Imaging
Pathways

Elective:
Syndromic/Non-syndromic

- Diagnosis
- Risk Factors Management
- Genetic Counselling
- Imaging Follow-up Surveillance

Emergency

- Diagnosis
- Best Medical Management
- Intervention
- Follow-up
Treatment

• Medical
- Cardiology: Complex hypertension
- Intensivists
- Cardiac Surgeon
- Vascular Surgeon

• Surgical
- Cardiology: imaging
- Clinical Geneticist
- Vascular Physician
- Root repair
- Hybrid
- BEVAR
- Ross
- FET
- Open TAAA
- Debranching
- Aortovascular Surgery
- Aortovascular Hub
Prophylaxis

- Primary
- Secondary

Blood pressure

- Life style
- Diabetes
- Smoking

NHS Long Term Plan
#NHSLongTermPlan
Research

Basic Sciences
- LABB Group
- Biobank
- Biomechanics
- Structural biochemistry
- Aortopathy

Translational
- POC Testing
- i-Knife
- Biomarkers
- Renal protection
- Cerebral protection

Clinical
- Trials
- Registry
- PROMS
- Clinical outcomes
- Guidelines National Service

Start up projects
- Lipids
- NETS
- Flow dynamics
- Machine learning
- Mental health
- AF and the aorta
Innovation in Services

- Northern Aortic Centre
- Liverpool Cardiovascular Surgery
- Global Aorta Project
- NW Acute Care Pathways
- Integrated Care Network
- Aortic Service Innovation
- DATA Centre
Patient involvement

- Rehabilitation
- Education
- Buddy Systems
- Service improvement
- Research
- The Patient and family

...Endorsed
GLOBAL Aorta

Raising awareness in health and disease
The Aortovascular Hub - 2021