



South Wales and South West
**Congenital Heart
Disease Network**

Audit Programme

2019/20



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Audit requirements

The NHS England Service Specification and Standards 2016 states that Networks should have a Governance Framework in place which includes arrangements for:

- Regular continuous clinical **audit and quality improvement**
- Regular **audit days** including discussion of adverse events and resultant action plans
- Regular network meetings of the wider clinical team (including patient representatives) at least every 6 months, for issues such as agreement of protocols, **review of audit data** and monitoring of performance.

The Congenital Heart Network will:

- produce annual audit and governance reports covering ACHD services.

All centres in the Network must (Section F of the standards)

- must demonstrate a **robust policy for collaboration with each other and with NHS commissioners for audit**, including formal inter-unit peer review every five years.
- All clinical teams within the Congenital Heart Network will operate within a robust and documented clinical governance framework that includes:
 - regular **continuous network clinical audit** and quality improvement;
 - regular **meetings of the wider network clinical team** (in which network patient representatives will be invited to participate) held at least every six months to discuss patient care pathways, guidelines and protocols, review of audit data and monitoring of performance;
- participate in **audits of clinical practice** where recognised standards exist or improvements can be made. Participation in a programme of ongoing audit of clinical practice must be documented. **At least one audit of clinical practice (or more if required by NHS commissioners) of demonstrable clinical significance will be undertaken annually.**
- Audits must **take into account or link with similar audits across the network**, other networks and other related specialties.
- participate in **national programmes for audit** and must submit data on all interventions, surgery, electrophysiological procedures and endocarditis to the national congenital database in the National Institute for Cardiovascular Outcomes Research (NICOR); including any emerging data requirements for **morbidity audit**.



CHD Network South Wales and South West rolling audit programme – 2019/20

Current Audits

No	Name	Expected finish date	Lead Clinician	Presented to Network/Dissemination
1.	Diagnostic catheterisation in Fontan patients	In progress	BHI/ACHD	
2.	Surgical waiting times and post op anticoagulant management	July 2019	Dr S Curtis	
3.	Transition Between Paediatric and Adult Congenital Cardiology Services		Dr S Curtis and Dr V North	ACHD team meeting March 2019
4.	Waiting times and DNA rate		Dr Mark Dayer	
5.	Screening for liver disease in Fontan patients across South Wales – an audit of current practice		Dr E Carande, Dr G Szantho, B Shiers, S Finch, Dr D Wilson, Dr H Wallis	
6.	Annual rolling audit of waiting time for new and FU appointments in POW ACHD clinic		Cardiff Team	
7.	Re-Audit of Follow Up Procedures for Fontan Patients (CAID 3812) in BHI		BHI/ACHD	
8.	Inter observer variability in standard transthoracic echocardiograms performed in the Bristol Heart Institute (BHI)		BHI/ACHD	
9.	Prospective Audit on Echo Reporting in the BHI		BHI/ACHD	
10.	Atrial septal defect or patent foramen ovale closure with atrial fibrillation in the BHI		BHI/ACHD	
11.	Post-Operative Morbidity Following Cardiac Catheterisation	Ongoing Project	Rob Martin	
12.	Radiofrequency Ablation in Paediatric Arrhythmias	Ongoing Project	Graham Stuart	
13.	Audit of Cardiomyopathy Screening in Children v local standards	In Progress	Robert Tulloh	
14.	Audit of follow-up care to ensure that the care is in line with the intended treatment plan, including with regards to the timing of follow-up appointments at BCH	Annual audit	BCH Paediatric Cardiology Team	



15.	Quarterly audit on the procedures for assessing risk in relation to reviewing cancellations and the timing of re-scheduled procedures within paediatric cardiac services at BCH	Quarterly audit	BCH Paediatric Cardiac Team	
16.	Annual audit of compliance both with completion of the epicardial echocardiography form and accurate filing in the Evolve system	Annual	BCH Paediatric Cardiac Team	

Completed Audits

No	Name	Expected finish date	Lead Clinician	Presented to Network/Dissemination
1.	End of life care in adults with congenital heart disease	Complete. Actions pending	V North/ C Evans/ R Bedair	Cardiac services audit meeting 09/2018 BCCA 11/2018
2.	Audit of aspirin prescribing and advice following transcatheter pulmonary valve implantation (percutaneous or hybrid) between 2008 and 2018	Complete	B Davies/ R Bedair	Cardiac services audit meeting 02/2019
3.	Compliance with Hypoplastic Left Heart Guideline - local standards	Complete 11/3/19	Muhammad Jammal Addin, Robert Tulloh	
4.	Bicuspid aortic valve management	2018/19	Paed. Cardiology UHW	
5.	INR management in children	2018/19	Paed. Cardiology UHW	
6.	South Wales and South West PDA pathway	2018/19	Paed. Cardiology UHW	
7.	Management of Fontan patients	2018/19	Paed. Cardiology UHW	
8.	Management of syncope in children	2018/19	Paed. Cardiology UHW	
10.	Transition service (re-audit)	2018/19	Paed. Cardiology	



			UHW	
11.	Exercise testing in children (re-audit)	2018/19	Paed. Cardiology UHW	
12.	Inter-hospital transfers	2018/19	Paed. Cardiology UHW	
13.	Holter assessment in children	2018/19	Paed. Cardiology UHW	
14.	Follow up is in line with intended treatment plan - Cardiac services - local standards	13/12/18	Robert Tulloh	
15.	Re-audit of the Fetal Cardiology Service v national standards	11/12/18	Camilla Snook	
16.	Re-audit of documentation of echocardiography results pre-admission clinic for cardiac catheterisation patients v national standards	6/11/18	Michael Yeong	
17.	Elective surgical pathway re-audit v local standards	17/9/18	Lisa Patten	
18.	Re-audit on performance of pre-operative echocardiograms of congenital heart disease v national standard	14/8/18	Luisa Wilms	
9.	Documentation of echocardiography results pre-admission clinic for cardiac catheterisation patients v national standards	14/8/18	Michael Yeong	
10.	Cardiac interventional catheter lab outcomes v international standards	14/8/18	Robert Tulloh	
11.	Re-audit of the NHS Fetal Anomaly Screening Programme – Congenital Heart Disease in the Southwest of England v national standards	7/8/18	Camilla Snook	
12.	Anticoagulation / antiplatelet therapy following Paediatric cardiac operations v national standards	11/6/18	Qiang Chen	



13.	Pre-operative Echocardiography and Intra-operative findings during Cardiac Surgery v national standards	1/5/18	Luisa Wilms	
14.	Cross-sectional imaging (MRI/CT) for Blalock-Taussig shunt patients pre-stage 2 Fontan palliation	25/10/17	Chris Gillett	
15.	Consent pathway for paediatric cardiac surgery v local standards	14/8/17	Jackie Moxham	
16.	Echo form audit v local standards	19/7/17	Jackie Moxham	
17.	Blood products use in paediatric cardiac operations v local standards	18/6/17	Fanoula Papadopolou	
18.	Follow up in line with intended treatment plan - Cardiac services - local standards	17/5/17	Rebecca Dunn	