

Resources for Obstetricians for Women with Congenital Heart Disease who are pregnant

Sheena Vernon Lead nurse SWSW CHD Network 2020

The CHD Standards 2016

- The national CHD standards for patients with congenital heart disease were produced in order standardise care for patients with CHD nationally
- One of the standards was to develop a network approach to CHD care
- Another looked at pregnancy and contraception
- As a network we have a number of resources which you may find useful



The CHD Standards 2016

A – The Network Approach

- B Staffing and skills
- C Facilities
- D Interdependencies
- E Training and education
- F Organisation, governance and audit
- G Research
- H Communication with patients
- I Transition

J - Pregnancy and contraception

- K Fetal diagnosis
- L Palliative care and bereavement
- M Dental



www.swswchd.co.uk

- Resources for obstetricians and cardiologists who are caring for pregnant women with congenital heart disease
- They can be found on <u>www.swswchd.co.uk</u>
- Professional / Clinical information/Pregnancy
- Patient pathways/Adults/pregnancy pathway







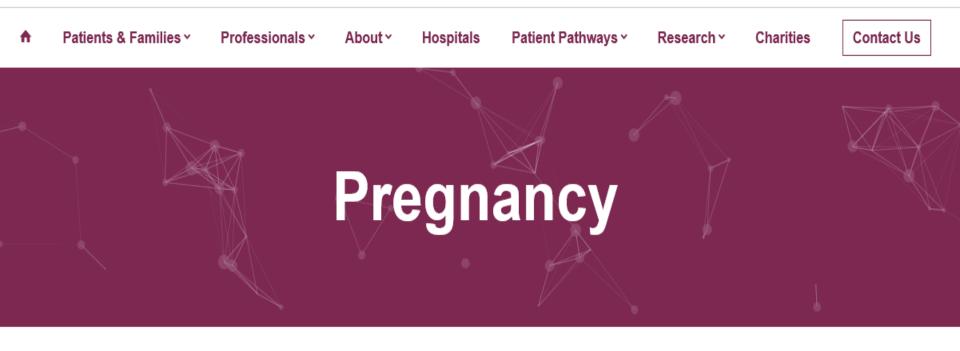


Babies and Children

Teenagers/Young

Adults

Resources for professionals



Home | Professionals | Clinical Information | Pregnancy

In this section, you will find clinical information (guidelines, protocols and toolkits) relevant to Pregnancy.

If you have any suggestions for further documents to be added, please email: Sheena.Vernon@uhbristol.nhs.uk

Cardiac antenatal clinic

Cardiac antenatal clinic

Pregnancy places a unique stress upon the heart and women with cardiac disease require specialist advice regarding family planning, and specialist supervision throughout pregnancy, delivery and post-partum.

Because of the increasing number of women of child-bearing age with congenital heart disease (CHD) entering adulthood there are now increasing numbers of patients with CHD becoming pregnant. Two-thirds of patients seen in the Bristol antenatal clinic have CHD and managing the interaction between their often complex hearts and the changes during pregnancy and childbirth is challenging. The service also sees women with acquired heart disease and inherited cardiac conditions.



The Royal College of Obstetricians and Gynaecologists (RCOG), European Society of Cardiology (ESC) and MBRRACE-UK: Mothers and Babies: Reducing Risk through Audits and Confidential Enquiries across the UK recommend that pregnant women with heart disease are seen in joint clinics, where each patient is reviewed by a multi-disciplinary team consisting of an obstetrician, cardiologist, anaesthetist and midwife. In Bristol, this Gold standard model of care is provided. The service sees patients from all over the South West in an all-day twice-monthly clinic in St Michaels Hospital in the Antenatal Clinic on Level E. Here women can have consultations with all specialists, see a midwife and have investigations, such as ECG, echo and fetal ultrasound. Before each clinic starts there is a formal multi-disciplinary meeting where upcoming deliveries and birth plans are discussed, as well as high risk patients. A delivery plan is formulated and is filed electronically, in the mother's delivery notes and on the Central Delivery Suite.

The information is listed in alphabetical order.

Regional referral pathway for pregnant women with known cardiac disease

UHBristol referral pathway for cardiac problems presenting in pregnancy

UHBristol referral pathway for pre-existing cardiac disease in pregnancy

Complex EP cases in pregnancy guideline

Cardiac disease (including endocarditis prophylaxis) - Intrapartum care guideline

Management of aortopathy in pregnancy guideline

Cardiac Alert Card

Good Practice - Cardiac Disease and Pregnancy (Royal College of Obstetricians and Gynaecologists)

Heart Disease and Pregnancy

Pregnancy Guidelines ESC

Leaflets from the Somerville Foundation

Contraception for Women with A Heart Disease

GUCH and Pregnancy (The Somerville Foundation)

Lesion information on all lesions on

www.swswchd.co.uk

Professionals→Clinical information→adults



University Hospitals Bristol

Fontan Circulation (Total cavopulmonary circulation (TCPC))

SETTING South West England and South Wales

GUIDELINE FOR Cardiology teams in South West England and South Wales hospitals

PATIENT GROUP Adult patients with congenital heart disease

GUIDANCE

Follow-up: annual

Associated lesions: dependent on the underlying abnormality, note may be isomerism

Inheritance: dependent on the underlying abnormality

Long-term complications:

European Guidelines

2018 ESC Guidelines for the management of cardiovascular diseases during pregnancy



le 7 Congenital heart disease



ommendations	Class	L
ents with a Fontan circulation and saturations <85%, depressed ventricular ction, moderate—severe AV regurgitation, refractory arrhythmia, or protein-ng enteropathy should be advised against pregnancy.	lla	
ents with a systemic right ventricle (Mustard/Senning or congenitally rected TGA), in NYHA class III/IV, systemic ventricular dysfunction (EF <40%), evere TR should be advised against pregnancy.	lla	
icoagulation treatment should be considered during pregnancy in Fontan ents.	lla	
ptomatic patients with Ebstein's anomaly with saturations <85% and/or rt failure should be advised against pregnancy.	lla	
atients with a Fontan circulation and saturations <85%, depressed ventricular ction, moderate—severe AV regurgitation, refractory arrhythmia, or protein-ng enteropathy, pregnancy is not recommended.	Ш	

cardio.org/guidelines

2018 ESC Guidelines for the management of cardiovascular diseases during

European Heart Journal (2018) 00 1–83- doi:10.1093/eurheart

Resources for women with congenital heart disease

 Please see the outline of the patient pathway on our website in the following slides

This can be found under

Patient pathways/Adults/pregnancy pathway



What are you looking for?

Q

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Patients & Families Professionals About Hospitals Patient Pathways Research Charities Contact Us

Adults



University Hospitals Bristol and Weston

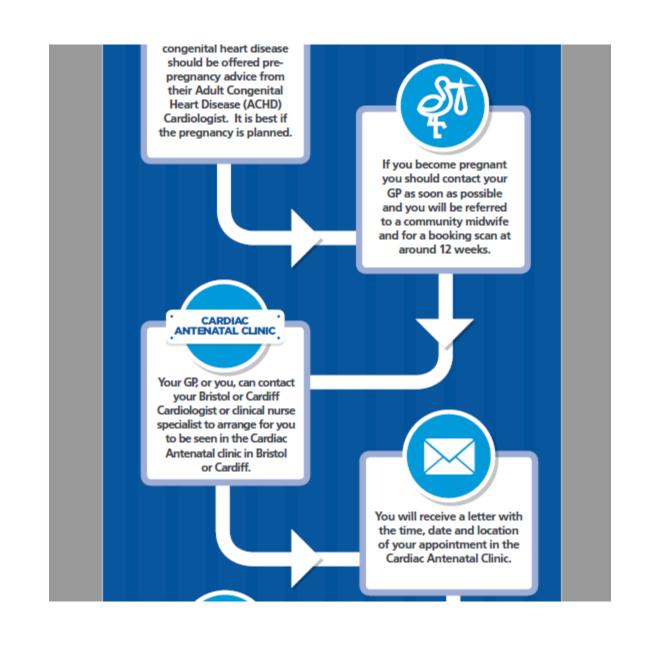
PREGNANCY PATHWAY

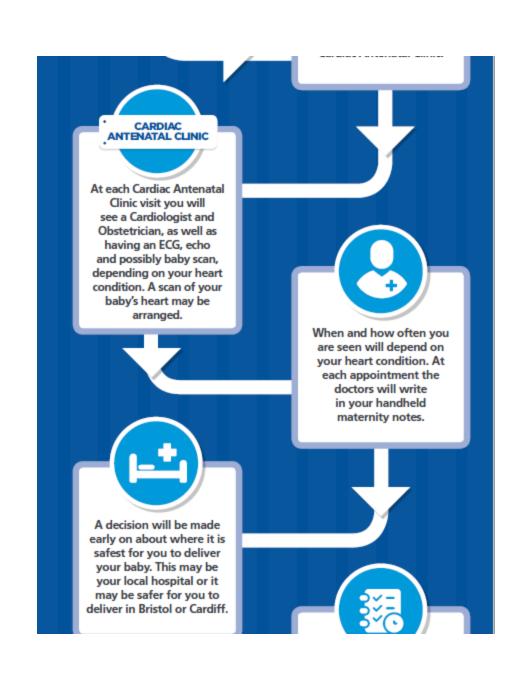
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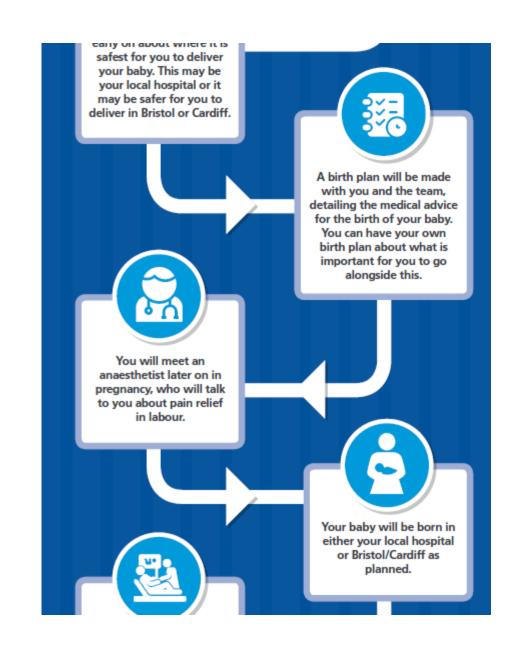
All women with congenital heart disease should be offered prepregnancy advice from their Adult Congenital Heart Disease (ACHD) Cardiologist. It is best if the pregnancy is planned. It is very important that you attend all your midwife appointments throughout pregnancy, AS WELL AS your Cardiac Antenatal Clinic appointments.

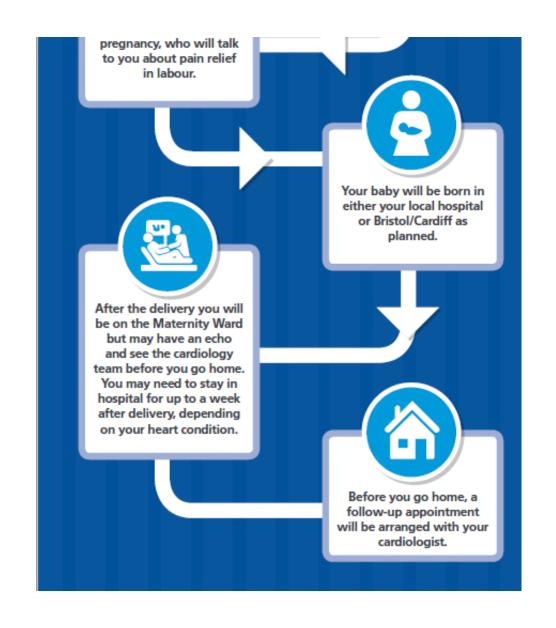


If you become pregnant









More about the CHD network



News from the network team

Welcome to our spring edition of the South Wales and South West Congenital Heart Disease Networknew sletter! Published a little later than planned due to Covid-19 hitting us, but as always it's full of interesting updates on what our patients, families, clinicians and charities have been doing across the network helpful articles on key services for congenital heart disease; and signposting to a number of important network meetings, as well as training and education events.

Little did we realise that 2020 would see the world face one of the greatest challenges of modern times with the Covid-19 pandemic. Whilst the last few months have presented many challenges, particularly for our clinical staff, there have also been a lot of positives. This time has focussed society's hearts and minds on w hat really matters at times like this; the care and support of our loved ones, our communities and our key workers. Each Thursday, the nation has clapped to show their appreciation and thanks to all of the wonderful people who have made personal sacrifices to care and help people out in a time of need.

In response to Covid-19, people have adapted with new ways of working. Whilst some of these changes in ways of working will be temporary, there will undoubtedly be things people will want to retain. We would love to hear about these, share the learning across the network and support you to carry these on. Please email us to tell us about them.

In 2019, the World Health Organisation (WHO) designated 2020 as the year of the nurse and the midwlife; celebration and recognition of the pivotal role nurses and midwlives play in society. We talk about the how the NHS plans to mark this occasion and highlight some of the fantastic work of nurses within our own network. We also pay tribute to Wendy Visser, one of our wonderful Adult Congenital Heart Disease nurses who sadly passed away towards the end of last year. There is also an update from Sheena Vernon, our lead nurse for the network, on progress with growing the population of link nurses, who play an important role in supporting our CHD patients and their families across the network.

Coronavirus (Covid-19)



We appreciate that this is an unprecedented and uncertain time for somany, but we will get through this together #Stay Safe

To support our CHD staff, patients and families across the network, we have set up Covid-19 we bpages (www.swswchd.ou.wk) with recent guidance and information. Importantly, it also has a wealth of wellbeing resources that may help you navigate this challenging time. We will continue to update these pages with helpful information as we receive it.

The UK government have issued guidance on social distancing/self-isolation for many vulnerable patient groups, including those with long-term health conditions. The BCCA would encourage patients to check this guidance which may change during the course of the Covid-19 pandemic.

For guidance regarding operational delivery during this time, please visit your local hospital's workeits.

Network Team Key Contacts



Thankyou

Please do contact me if you have questions or suggestions

Sheena.Vernon@uhbw.nhs.uk

