

# Going home after your child's cardiac catheterisation

Information from Savannah Camel ward

Patient name	Hospital number		Date of birth

## Contents

- 3** After the procedure
- 4** When can my child leave hospital?  
Your ward discharge letter
- 5** Your support network  
What if my child is unwell at home?
- 7** Going back to school
- 8** Caring for the wound and bath time  
Your child's medication
- 11** Dental hygiene  
Hydration
- 12** Immunisations  
Travel
- 13** Useful sources of information
- 14** Your contact name and numbers
- 15** Contact us
- 16** Medicine chart

## After the procedure

This information leaflet is to help you know what to expect when your child comes back from having a cardiac catheter through to when you have gone home. This does not cover every different procedure but covers some of the routine aspects of caring for your child.

While your child is on the ward, the cardiac catheter team will give the ward team a plan for when your child can be discharged. This will specify if your child needs to stay overnight; if medications are needed and if any other investigations are needed (for example ECHO scans, ECGs and/or X-rays). The cardiac catheter team will review all of the investigation results and the child's clinical observations before you go home.

Your nurse will be monitoring your child frequently after the procedure. This will include heart rate, breathing rate, oxygen levels, blood pressure, temperature as well as your child's pulse and the sites used for the catheter. Please do let them know if you have any concerns about your child.

Your child can get out of bed when they have woken up properly. They may be a bit wobbly initially so will need to do this slowly.

If your child needs to go to the toilet before they can get out of bed and no longer wear a nappy, please let your nurses know and they will assist you. They may need to use a bottle or bedpan on the bed.

It can be common for your child to feel sick (nauseous) or vomit after the general anaesthetic. We can

sometimes give medication for this. We will encourage your child to start off drinking water first and slowly reintroduce normal diet and drinks.

It can be common for some bleeding to occur at the cardiac catheter insertion site, especially when starting to move around. Your child may have a dressing over the site. If your child does have a dressing then your nurse will also be checking the dressing regularly but if you notice any bleeding in between, please let your nurse know.

Occasionally, patients need to be given a medicine called Heparin following a cardiac catheter procedure if their pulses are difficult to feel. This will mean your child will need blood tests to monitor the level of the medicine in the blood and may need to stay in hospital longer.

## **When can my child leave hospital?**

Most children have recovered within a few hours of a cardiac catheter procedure and will be ready to go home later that day or the next day.

Before you go home your child will need to have eaten and drunk enough, passed urine, had their cannula and any stitches and dressings removed. You will also need a discharge letter from the ward Doctors.

## **Your ward discharge letter**

You will be given a discharge letter when your child leaves hospital. This has important information about the stay in hospital. Please keep it in a safe place and bring it with you to clinic visits. It should also be taken with you on holidays in the event that your child needs to

be seen by a health professional. Copies of this letter are sent to your GP and any other doctors who have been involved in your child's care.

## **Your support network**

We have a team of cardiac outreach nurses called the Evelina London Cardiac Outreach Team who provide a support service for when you go home. The nurses can advise and support you in caring for your child at home, arrange reviews as necessary and be your link between Evelina London hospital and your local services, for example, your GP, midwife, health visitor, local paediatrician and schools. The team is available Monday to Friday 9am – 5pm and can be contacted on 020 7188 4546.

Please speak to your doctor, nurse or the outreach team before you leave hospital if you have any questions or concerns. You can also call the outreach team or ward for advice when home.

## **What if my child is unwell at home?**

There might be times when your child feels unwell. This could be something related to his or her heart condition or it could be an unrelated illness or infection.

Regardless of the problem, there will always be someone available to help you. Please seek advice as early as possible to prevent your child's condition worsening.

**Please take your child to your nearest Emergency Department (A&E) if they experience any of the following symptoms after their cardiac catheter:**

- For children who have had a radiofrequency or cryo ablation, recurrence of any arrhythmias, or irregular heartbeats, they experienced prior to their treatment.
- Pins and needles; pain or numbness in the legs or feet.
- Cold, pale or mottled feet / legs.
- Swollen lower limbs.

**If your child experiences any of the following symptoms within the first 48 hours, please call the outreach team (020 7188 4546) or Savannah Camel ward (020 7188 8849) for advice.**

- have significant changes in your baby or child's feeding or eating pattern
- are not passing urine as many times as normal
- have a temperature above 38 degrees centigrade
- are sleeping more than usual
- are more sweaty than normal and/or have cool clammy skin
- have puffy eyelids
- irritability / inconsolable
- have red, oozing or painful groin site.

If your child is unwell after 48 hours, please call the outreach team (020 7188 4546) or Savannah Camel ward (020 7188 8849) for advice. Or take your child straight to your nearest Emergency Department (A&E). You should take your child's discharge letter with you as

it contains important information that will be helpful for the local hospital.

### **Non-urgent advice:**

If you think your child's illness is related to their heart condition, please call the Evelina Cardiac Outreach team who work Monday to Friday, 9am to 5pm on 020 7188 4546. They regularly pick up their messages throughout the day so please leave a message for them if they are not immediately available. Outside these hours i.e. Monday to Friday, 5pm to 9am, weekends and bank holidays, please call Savannah Camel ward on 020 7188 8849 for advice.

If you want some general advice about your child's health, please contact your local health visitor or GP.

Please **DO NOT** bring your child to Savannah Camel ward as we may not have a bed for them. However, your child will be transferred to Evelina London if both your local paediatric doctors and the cardiologists at Evelina London decide they need to be admitted for cardiac care.

## **Going back to school**

Your child can help decide, with members of the cardiology team, when to return to school and how much activity he or she can manage. Please ask the team before you go home. They may need to start with a half-day or just specific lessons. It is a good idea to meet with your child's teacher to discuss your child's needs before and after the surgery. If the school needs more information or advice, please speak to the outreach nurse.

## **Caring for the wound and bath time**

Your child can bath and shower as normal following the procedure. The wound should be washed each day to keep it clean, making sure the wound is fully dry after cleaning will help to prevent an infection. Please do not put any oil or moisturiser on the wound until it has fully healed. This usually takes a few days.

## **Your child's medication**

Your child might need to take medication for some time after going home and the hospital pharmacy will give you two weeks supply of medicines. You will need to renew the prescription with your GP as soon as possible. Some medications need to be supplied specially and therefore you should ensure you request a new prescription a few weeks before you will need them, especially around public holidays. It is very important to make sure you do not run out of the medicines.

It is important that your child continues to take the medication until the cardiologists tell you to stop. If your child does not take the medication, it can slow their recovery and they may need to return to hospital.

If your local pharmacist has problems supplying your medication, please ask them to phone the Evelina London pharmacy and ask to speak with a paediatric pharmacist - contact details are at the end of this booklet.

Your child's medication might need to be measured in an oral syringe. You will be given some syringes with the medication before you go home. Please discuss with



your GP and / or your local pharmacy how to get further supplies.

### **Giving medication**

It is important to follow the instructions on the medicine container, as the amount to be given can vary. Different strengths of preparations are available and when you renew your prescription, you might not get the same strength.

Please double check with your pharmacist the dose to give, each time you renew the prescription.

Within reason, the medication should be given at the same time each day with the same number of hours between doses. An easy way to do this is to make a timetable or chart and place it wherever you keep the medication or on your fridge door. Tick off the medication when it is taken, until you get your routine established. If your child is at school, please ask your nurse to help you establish times that avoid the need to give medicines during school hours.

If your child vomits after you give the medication, please do not repeat it, just give the next dose as normal. If this happens frequently, please contact the outreach team for advice.

Babies should be given most medicines before their feed as they may vomit if the medication is given after being fed.

Please do not put the medication into your child's bottle. If your child refuses to take it they will not have received all of their medication.

Please note: Babies and children often keep medication in the back of their mouth. Please check to make sure they have swallowed the medication.

### **Sugar-free medication**

Please ask your pharmacist to give you sugar-free medicines or those with the least amount of sugar in, especially if the medicine is to be used for a long period of time – this will help to prevent problems with your child's teeth.

### **Storing medication at home**

- Please keep all medication out of your child's reach. The ideal place is in a locked cupboard.
- Please check the label on the medicine container for storage instructions – some medicines need to be kept in the fridge or in a cool, dark place. If medicines need to be stored in a fridge, you might consider getting a lock for your fridge.
- Please ask your pharmacist to supply the medicines with child-proof lids.

If your child is on diuretics, it is likely that they will pass urine within an hour of having the medicine.

Please check with your cardiologist or outreach nurse before administering over the counter medicines as some are not compatible with cardiac medications and some cardiac conditions.

If you would like the Savannah Camel team to help you make a medicine chart, please ask. There is a chart at the end of this pack which you can use. Medication times can be adjusted so that medicines do not have to

be given during school hours – please ask your nurse for help with this.

## Dental hygiene

Good dental hygiene is important for all children, but it is essential for children who have had heart surgery to help prevent endocarditis (which is a rare infection in the heart). Please ask for our leaflet **Your child's heart problem and dental care** for more information.

It is important that your child has regular dental checks once their teeth appear. Brushing your child's teeth is very important to prevent tooth decay and infections. A dentist or hygienist can show you how to do this properly. You can start to brush your child's teeth from the time they begin to appear. Parents should help with tooth brushing up to the age of seven.

## Hydration

If your child has been diagnosed with a cyanotic heart condition (blue children), it is very important that they do not become dehydrated. This is also true for any child who has shunt or stent in their heart or heart vessels, as well as children with a cyanotic heart condition where their saturations are below 95%. Please check with your nurse or doctor if you are not sure if this applies to your child. During periods of hot weather or when your child is unwell, it is very important that they drink lots of fluid. If they have vomiting, diarrhoea or poor feeding, please make an urgent appointment to see your GP on the same day. If you are unable to see your GP, please contact the outreach team or Savannah Camel ward for advice. Contact numbers are at the end of this booklet.

Please note, if your child has diarrhoea or vomiting, they will not be absorbing their medications as normal. This can have a serious effect on your child. If they are on diuretics (furosemide / spironolactone), this can make them more dehydrated. Do not stop the medicines but seek medical advice on the same day.

## Immunisations

Please wait six weeks after surgery before giving your child any immunisations. After this, it is important that your child receives their immunisations as normal. However, if your child has low immunity, they must not receive live vaccinations. If you are unsure about this, please contact the outreach team or Savannah Camel ward.

Please note, if your child is due to have surgery, they should not have the vaccinations less than four weeks before. Please call your outreach nurse or discuss with your doctor for more information. Please be aware that children who are taking salicylate medicines, such as aspirin, should not receive the nasal flu vaccine. There are however other flu vaccines available and your doctor, nurse or pharmacist will be able to give you further information on what is most suitable for your child.

## Travel

Before booking a holiday, please check with your Consultant that they are happy for your child to travel. In addition, you will need to ensure you have informed your insurance company and airline of your child's heart condition; that you have a copy of the discharge letter with

you; that all medicines are in their original bottles / boxes and that you know where the nearest hospital is to where you are staying. The airline may require a letter from your Consultant stating that your child is fit to travel. If you need any more information, please contact the outreach team.

If the medicine bottles are more than 100mls, you will need to take a prescription to carry them on. You may want to contact the airline before to check there are no issues with the medication or anything else before you travel.

## Useful sources of information

**ECHO (Evelina Children's Heart Organisation):** For those treated at Evelina London we support children, young people, teenagers and their families. From diagnosis, through treatment and care or bereavement.  
**t:** 07715 208077 **w:** [www.echo-evelina.org.uk](http://www.echo-evelina.org.uk) **e:** [admin@echo-evelina.org.uk](mailto:admin@echo-evelina.org.uk)

**Little Hearts Matter:** for families of children born with Hypoplastic Left Heart Syndrome and any other single ventricle condition. **t:** 0121 455 8982 (24 hours)  
**w:** [www.lhm.org.uk](http://www.lhm.org.uk) **e:** [info@lhm.org.uk](mailto:info@lhm.org.uk)

**Children's Heart Federation:** can give information on a wide variety of issues for parents or carers.  
**t:** Freephone: 0808 808 5000, Monday to Friday 9.30am to 9.30pm **w:** [www.childrens-heart-fed.org.uk](http://www.childrens-heart-fed.org.uk)

**British Heart Foundation:** **w:** [www.bhf.org.uk](http://www.bhf.org.uk)

**Medicines for Children:**  
[www.medicinesforchildren.org.uk](http://www.medicinesforchildren.org.uk)

## Your contact names and numbers

### Consultant at Evelina London:

Name

Secretary

Contact details

### Local pediatrician

Name

t:

### Cardiac outreach nurse

Name

t: 020 7188 84546

e: [Paediatriccardiologyoutreachnurses@gstt.nhs.uk](mailto:Paediatriccardiologyoutreachnurses@gstt.nhs.uk)

### Savannah Camel ward

Name

t: 020 7188 8849 / 85656

### Dietitian

Name

t: 0207 188 4568

### Appointments

t: 0207188 4000

Please have your child's hospital number to hand

### Counselling team

Name

t: 0207 188 4568

### GP

Name

t:

### Heath visitor

Name

t:

## Contact us

If you have any questions or concerns about your child's cardiac catheterisation, please contact The Cardiac Outreach Team on 020 7188 4546 (Monday to Friday, 9am to 5pm). Out of hours, please contact Savannah Camel on 020 7188 8849.

For more information leaflets on conditions, procedures, treatments and services offered at our hospitals, please visit [www.evelinalondon.nhs.uk/leaflets](http://www.evelinalondon.nhs.uk/leaflets)

### Evelina London Medicines Helpline

If you have any questions or concerns about your child's medicines, please speak to the staff caring for them or contact our helpline. **t:** 020 7188 3003 10am to 5pm, Monday to Friday **e:** [letstalkmedicines@gstt.nhs.uk](mailto:letstalkmedicines@gstt.nhs.uk)

### Your comments and concerns

For advice, support or to raise a concern, contact our Patient Advice and Liaison Service (PALS). To make a complaint, contact the complaints department.

**t:** 020 7188 8801 (PALS) **e:** [pals@gstt.nhs.uk](mailto:pals@gstt.nhs.uk)

**t:** 020 7188 3514 (complaints) **e:** [complaints2@gstt.nhs.uk](mailto:complaints2@gstt.nhs.uk)

### Language and accessible support services

If you need an interpreter or information about your care in a different language or format, please get in touch.

**t:** 020 7188 8815 **e:** [languagesupport@gstt.nhs.uk](mailto:languagesupport@gstt.nhs.uk)

### NHS Choices

Provides online information and guidance on all aspects of health and healthcare, to help you make choices about your health. **w:** [www.nhs.uk](http://www.nhs.uk)



**Leaflet number: 4542/VER1**

Date published: January 2018

Review date: January 2021

© 2018 Guy's and St Thomas' NHS Foundation Trust

A list of sources is available on request

## Medicine chart

<b>Medicine</b>	<b>What it's for</b>	<b>Dose</b>	<b>Time to take medicines</b>	<b>Special instructions</b>	<b>Common side effects</b>