

# Antibiotics for an MCUG

This leaflet aims to answer any questions about taking antibiotics for your child's Micturating Cystourethrogram (MCUG). If you have any questions or concerns, please speak to a doctor or nurse caring for your child.

**ALL CHILDREN REQUIRE A FULL THREE DAY COURSE OF ANTIBIOTICS FOR AN MCUG STARTING THE DAY PRIOR TO THE MCUG.**

## Why does my child need antibiotics for an MCUG ?

An MCUG involves the insertion of a catheter to introduce contrast liquid into the bladder. With this, there is a potential risk of germs being introduced into the urine. Therefore, antibiotics are given to prevent a urinary tract infection.

## How does my child take the medicine?

Most children having an MCUG are under one year of age and already on prophylactic antibiotics (low, single dose at night) to prevent urinary tract infections. For the MCUG, the same antibiotic is used but the dose and/or the number of times a day will need to be increased to a full treatment course for three days.

- **The whole day before the test**
- **The day of the test**
- **The whole day after the test.**

Please follow the table carefully and start the increased dosing the in morning of

**THE DAY BEFORE THE MCUG.** After the three days, your child can return to their normal prophylactic dose at night.

Antibiotic regime change for children **under one year** of age on prophylactic antibiotics.

| ANTIBIOTIC     | DOSE                           | TOTAL NUMBER OF TIMES PER DAY |
|----------------|--------------------------------|-------------------------------|
| TRIMETHOPRIM   | DOUBLE the prophylactic dose   | TWO times a day               |
|                |                                |                               |
| NITROFURANTOIN | SAME dose as prophylactic dose | FOUR times a day              |
|                |                                |                               |
| CEFALEXIN      | SAME dose as prophylactic dose | TWO times day                 |
|                |                                |                               |
| AMOXICILLIN    | DOUBLE the prophylactic dose   | THREE times a day             |

For example:

- For Trimethoprim, if your child was on 1.5mls prophylaxis at night, starting the day before the MCUG, you would give 3mls (double the usual dose) in the morning AND 3mls in the evening, continuing this regime for three days in total.
- For Nitrofurantoin, if your child was on 0.9mls prophylaxis at night, starting the day before the MCUG you would give 0.9mls (the same dose) in the morning AND 0.9mls at

lunch, dinner and again at night, continuing this regime for three days in total.

**ON AN ANTIBIOTIC NOT NAMED IN THE ABOVE TABLE:**

Please contact the consultant who has arranged this investigation via the paediatric secretaries for instructions.

**OLDER THAN ONE YEAR OF AGE:** Please contact the consultant who has arranged this investigation via the paediatric secretaries for instructions.

**NOT ON PROPHYLACTIC ANTIBIOTICS:** Please see the GP one week before your appointment with this appointment letter to get a prescription. Your child needs a three day treatment antibiotic course, starting the day before the MCUG. This is usually Trimethoprim, but your doctor will check previous urine culture results.

**What should I do if I forget to give my child the medicine?**

The MCUG cannot go ahead if your child has not been taking the antibiotics. You will need to contact the radiology reception on 020 8725 3037, opening hours 8am to 5pm to reschedule the appointment.

**How do I get a prescription?**

If your child is not on prophylactic antibiotics or you do not have an adequate supply, please see your GP for a prescription.

**Contact us**

If you have any questions or concerns about your child's MCUG test, please contact the paediatric medical secretaries on email [children.secretariesC@stgeorges.nhs.uk](mailto:children.secretariesC@stgeorges.nhs.uk) or 020 8725 2931 (Monday to Friday 9am to 4.30pm.) If possible, please give the

name of the doctor you saw. Out of hours, please leave a voice message. If you need to reschedule the MCUG, please contact radiology reception on 020 8725 3037, opening hours 8am to 5pm.

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

---

## **Additional services**

### **Patient Advice and Liaison Service (PALS)**

PALS can offer you on-the-spot advice and information when you have comments or concerns about our services or the care you have received. You can visit the PALS office between 9.30am and 4.30pm, Monday to Friday in the main corridor between Grosvenor and Lanesborough wings (near the lift foyer).

**Tel:** 020 8725 2453    **Email:** [pals@stgeorges.nhs.uk](mailto:pals@stgeorges.nhs.uk)

### **NHS Choices**

NHS Choices provides online information and guidance on all aspects of health and healthcare, to help you make decisions about your health.

**Web:** [www.nhs.uk](http://www.nhs.uk)

### **NHS 111**

You can call 111 when you need medical help fast but it's not a 999 emergency. NHS 111 is available 24 hours a day, 365 days a year. Calls are free from landlines and mobile phones.

**Tel:** 111

### **AccessAble**

You can download accessibility guides for all our services by searching 'St George's Hospital' on the AccessAble website

([www.accessable.co.uk](http://www.accessable.co.uk)). The guides are designed to ensure everyone – including those with accessibility needs – can access our hospital and community sites with confidence.



**Reference:** PAM\_AMCUG\_LP\_01 **Published:** October 2022 **Review date:** October 2024