

eCAP testing for Pediatric Kidney Transplant Patients



What is an eCAP?

- An eCAP is a special pill bottle.
- The bottle has an electronic cap (eCAP) that records every time the cap is opened and medicine is taken out.

What is eCAP testing?

- eCAP testing is required and is part of your transplant assessment.
- eCAP is a way to monitor pill-taking.
- the eCAP test tells the transplant team how well you are sticking to your medicine schedule.

How is eCAP testing used in my transplant assessment?

- eCAP testing is one of the many tests done to help the transplant team know if you are safe for a transplant.
- **eCAP helps you practice giving medicine at certain times before you get a transplant.**
- **eCAP helps to show if you are ready to stick to a regular schedule.**



Why do I have to take my medicines on time after transplant?

- Taking medicines is one of the most important things you will do to keep your new kidney safe.
- Transplant medicine must be given on time to protect the kidney.
- Missing medications can cause kidney damage to your new kidney.
- Missing medications is the main reason people lose their kidney transplant.

What does a normal medicine schedule after kidney transplant look like?

- Special medicines keep your kidney safe and keep you healthy.
- Many of these medicines only work for about half a day, so they need to be taken every 12 hours to protect your kidney.
- Every time a dose is late or missed, your kidney is at risk of being damaged.
- Lots of damage can result in loss of the kidney transplant.

To help protect your kidney you will need to take your anti-rejection medicines:

- at exactly 8 am and 8 pm
- every day
- for the rest of your life



What happens during the eCAP test?

- One medicine that you take already will be put into the eCAP bottle.
- The test lasts for 28 days. It starts on the day of your eCAP test appointment.
- You need to take your medicine at 8 am and 8 pm, just like after a transplant.

How can eCAP tell if I take pills on-time and every time during the test?

- There is an electronic chip inside the eCAP.
- The chip tells us every time the cap is removed to take medicines.



Who will call me about my eCAP testing?

- The transplant coordinator will call you to set up an appointment to learn about eCAP.
- After the meeting you will start your eCAP testing.

What do I need to bring to my eCAP testing appointment?

- You need to bring all of your medicines for the next month to the appointment.
- We will work with your regular kidney doctors to plan the test. It might mean a few changes to your prescription.
- We will choose one of the medicines that you normally take to be given at 8 am and 8 pm in the eCAP pill bottle.

The medicine that we will use in the eCAP bottle must be separate from your bubble-packs or pillboxes

- The test cannot be done unless we have your medicines at the appointment.
- If you do not bring your medicines to the appointment, the test will be cancelled.

If you have bubble-packs:

- Bring the bubble-packs in for the next 4 weeks.
- You will need a new prescription so that one medicine is not in a bubble pack.
- Bring the medicine (the one that is not in the bubble pack) with you.



If you use a weekly pillbox:

- Bring your pillbox with your medicines for the week.
- Bring the medicine that will be used for the eCAP test in a separate bottle.



If you only use liquid medicines:

- Bring a list of the medicines. Don't bring the bottles full of liquid.
- You will be provided with small candy in a pill bottle for the eCAP testing.



Who will review my result?

- The transplant doctor in charge of your transplant assessment will review the results of your testing.

What happens if the test shows I cannot take the medicine like I am supposed to?

- If the test shows you are having a hard time taking the medication on time, every day, we will work with you on a plan to help you to make it better.
- The test may be done again to help you practice for the real transplant and to make sure that it is safe before going ahead with the transplant.

Write down your eCAP test information here

Date: _____

Time: _____

Place: _____

Who do I call if I have questions about eCAP testing?

We are here to help!

- Call your pediatric transplant coordinator at 204-787-4842.
- Out of town? Call toll free 1-877-499-8774 and ask for extension 74842.

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