

If site identifies an eligible subject whose family has verbally agreed to be in the study, but written consent/assent has not been obtained, complete **ONLY KID#, participant's initials, screening date, coordinator's initials and participant's sex. Then, email form to respective CCC.** Once written consent/assent is obtained, complete the entire form, email form to CCC and keep copy of completed form.

KID#: 4 - ____ - ____ - ____

Participant Initials: ____

Screening Date: ____/____/____

CKiD Chronic Kidney Disease in Children Cohort Study ELIGIBILITY FORM (EL)

Coordinator Initials ____

Form Version: 01 / 15 / 20 26

1. Screening Date: ____/____/____ [mm/dd/yyyy]

2. Date of Birth: ____/____/____ [mm/dd/yyyy]

3. Sex assigned at birth: ☐ 1) Male ☐ 2) Female

INCLUSION CRITERIA for KRT SUBJECTS

4. Most recent Kidney Replacement Therapy status: ☐ 1) Transplant (END) ☐ 2) Dialysis ☐ NA (skip to 5)

Enrollment of transplant patients has ENDED. DO NOT enroll or complete this form for transplant patients.

b. Date Chronic* Dialysis started: ____/____/____ [mm/dd/yyyy] (skip to 8a)

*For hemodialysis, indicate the date when the participant started treatments 2 or more days/week for at least 3 months.

For peritoneal dialysis (PD), indicate the date when the participant started treatments 5 or more days a week for at least 3 months.

INCLUSION CRITERIA for

CKD SUBJECTS who are NOT currently on dialysis or have not received a kidney transplant (KRT naïve)

5. Most Recent eGFR calculation (Within last 6 months)

Most Recent Height

a. Date: ____/____/____ [mm/dd/yyyy] (Date must be within the last **6 months OR** closest to **most recent** Serum Creatinine measurement date)

b. Height Measurement: ____ ☐ 1=in ☐ 2=cm
(round height to the nearest inch or centimeter)

Most Recent Serum Creatinine

c. Date: ____/____/____ [mm/dd/yyyy] (Date must be within the last 6 months)

d. Serum Creatinine Measurement: ____ . ____ [mg/dl]

e. eGFR (creatinine-based on U25calculator): ____ . ____ ml/min|1.73m²

See page 4 for instructions

6. Second eGFR calculation (Within the last 18 months)

Second Height

a. Date: ____/____/____ [mm/dd/yyyy] (Date must be within the last **18 months OR** closest to **second** Serum Creatinine measurement date)

b. Height Measurement: ____ ☐ 1=in ☐ 2=cm
(round height to the nearest inch or centimeter)

Second Serum Creatinine

c. Date: ____/____/____ [mm/dd/yyyy] (Date must be within the last 18 months)

d. Serum Creatinine Measurement: ____ . ____ [mg/dl]

e. eGFR (creatinine-based on U25calculator): ____ . ____ ml/min|1.73m²

See page 4 for instructions

7. Do the eGFR measurements from 5e and 6e (for KRT naïve subjects) fall below 60 ml/min|1.73m²? ☐ 1) Yes ☒ 2) No

INCLUSION CRITERIA for ALL Subjects

8a. Age (in years) as of screening date* is ____.

8b. Is this between ≥ 16 and < 23 ?

☐ 1) Yes ☒ 2) No

*Refer to the date in Question 1.

9. Is the subject regularly seen by a pediatric nephrologist?

☐ 1) Yes ☒ 2) No

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Participant Initials: ____

Screening Date: ____/____/____

EXCLUSION CRITERIA

- | | | |
|---|-------------------------------------|--|
| 10. Does the parent or subject have plans to move out of the area within the next 3 months? (i.e., to an area that makes this clinic no longer a convenient site for study participation) | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 11. Has the subject ever received a solid organ (other than kidney), bone marrow, or stem cell transplant? | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 12. In the last 12 months, did the subject have a cancer diagnosis, treatment, or completion of treatment? | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 13. In the last 12 months, did the subject have a HIV diagnosis or treatment? | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 14. Does the subject have an existing moderate to severe congenital structural heart disease? | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 15. Does the subject have any genetic syndromes involving the central nervous system (e.g., Down syndrome)? | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 16. Does the subject have a history of severe or profound intellectual disability (i.e., IQ <40, significant impairment in adaptive function and/or ability to independently execute self-care skills)? | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 17. For female individuals, are they pregnant or have they been pregnant within the past year? (For male individuals, "NA" should be checked.) | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No <input type="checkbox"/> NA |
| 18. Is the subject currently enrolled in a randomized clinical trial in which the specific treatment the subject is receiving is unknown? (If yes, contact your Clinical Coordinating Center.) | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 19. Has the subject ever had an allergic reaction to Iodine or Iohexol? (If yes, contact your Clinical Coordinating Center for further clarification and instruction.) | <input type="checkbox"/> 1) Yes | <input type="checkbox"/> 2) No |
| 20. Is the subject fluent in English or Spanish? | <input type="checkbox"/> 1) Yes | <input checked="" type="checkbox"/> 2) No |
| 21. Which language does the subject speak most frequently? | <input type="checkbox"/> 1) English | <input type="checkbox"/> 2) Spanish <input type="checkbox"/> 3) Both |
| 22. Which language does the parent speak most frequently? | <input type="checkbox"/> 1) English | <input type="checkbox"/> 2) Spanish <input type="checkbox"/> 3) Both |

INFORMED CONSENT

- 23a. Has the consent form been signed? ☐ 1) Yes ☐ 2) No
- 23b. Date signed consent form: [mm/dd/yyyy] ____ / ____ / ____
- 24a. Was documented assent required for this subject?
(If No or Not Applicable, skip to Question 25.) ☐ 1) Yes ☐ 2) No ☐ NA
- 24b. Date of subject assent: [mm/dd/yyyy] ____ / ____ / ____
25. Has consent to collect and store sample for NIDDK genetic testing been obtained? ☐ 1) Yes ☐ 2) No
26. Has consent to collect and store NIDDK biological specimen(s) been obtained? ☐ 1) Yes ☐ 2) No
27. Has consent for data linking been obtained? ☐ 1) Yes ☐ 2) No
- If all Yes/No responses are in non-shaded areas, then subject is eligible for CKiD.
 - If individual declines to participate (i.e., written or verbal Consent is NOT obtained), then complete the REFUSAL FORM.
 - If only verbal consent is obtained, then partially complete EL form and email partially completed EL form to CCC.
 - create CKiD study identification number "KID" and write KID below
 - document participant's initials
 - document screening date
 - document coordinator's initials
 - document participant's sex
 - If written consent is obtained, create KID and email the completed EL to the CCC to be entered into data management system.
 - Write the KID number in the space below and complete question 28.

KID = 4 - ____ - ____

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Participant Initials: ____

Screening Date: ____/____/____

28. Primary diagnosis of Chronic Kidney Disease (please check one):

Glomerular CKD diagnosis

- ☐ 15) Chronic glomerulonephritis
- ☐ 20) Congenital nephrotic syndrome
- ☐ 23) Denys-Drash syndrome
- ☐ 24) Diabetic nephropathy
- ☐ 12) Familial nephritis (Alport's)
- ☐ 10) Focal segmental glomerulosclerosis
- ☐ 11) Hemolytic uremic syndrome
- ☐ 19) Henoch Schonlein nephritis
- ☐ 17) Idiopathic crescentic glomerulonephritis
- ☐ 13) IgA Nephropathy (Berger's)
- ☐ 16) Membranoproliferative glomerulonephritis Type I
- ☐ 21) Membranoproliferative glomerulonephritis Type II
- ☐ 18) Membranous nephropathy
- ☐ 22) Sick cell nephropathy
- ☐ 14) Systemic immunological disease (including SLE)
- ☐ 40) Glomerular Other: _____

Non-Glomerular CKD diagnosis

- ☐ 51) Aplastic/hypoplastic/dysplastic kidneys
- ☐ 65) Branchio-oto-Renal Disease/Syndrome
- ☐ 62) Congenital Urologic Disease (Bilateral Hydronephrosis)
- ☐ 54) Cystinosis
- ☐ 57) Medullary cystic disease/juvenile nephronophthisis
- ☐ 66) Methylmalonic Acidemia
- ☐ 50) Obstructive uropathy
- ☐ 61) Oxalosis
- ☐ 64) Perinatal Asphyxia
- ☐ 60) Polycystic kidney disease (Autosomal dominant)
- ☐ 53) Polycystic kidney disease (Autosomal recessive)
- ☐ 67) Posterior Urethral Valves
- ☐ 55) Pyelonephritis/Interstitial nephritis
- ☐ 52) Reflux nephropathy
- ☐ 56) Renal infarct
- ☐ 58) Syndrome of agenesis of abdominal musculature
- ☐ 63) Vactrel or Vater Syndrome
- ☐ 59) Wilms' tumor
- ☐ 80) Non-Glomerular Other: _____

Eligible eGFR measurement based on U25eGFR Calculator

For eligibility, individuals must be ≥ 16 to < 23 years old with an eGFR < 60 ml/min/1.73m². Use the U25eGFR calculator to calculate estimated GFR measurements based on the individual's SCr and height measurements.

Do not enter cystatin C results.

The calculator derived from Pierce CB, Munoz A, Ng DK, et al.. Kidney Int 2021 Apr;99(4):948-956. PMID: 33301749

To access **U25eGFR calculator**, go to <https://kidney.wiki/gfr-calculator/>
Enter age, sex, height (in cm), and serum creatinine (in mg/dL).

The screenshot shows the 'CKiD Under 25 (U25) Estimated GFR Calculator' interface. At the top, there's a header with the 'kidney.wiki' logo and a title bar containing 'CKiD U25 Estimated GFR Calculator' and an 'Info' button. The main form area has the title 'CKiD Under 25 (U25) Estimated GFR Calculator'. It includes input fields for 'Age' (split into 'Years' and 'Months'), 'Sex' (radio buttons for 'Female' and 'Male'), 'Height' (with a note 'required for creatinine calculation' and a unit dropdown set to 'cm'), 'Creatinine' (with a unit dropdown set to 'mg/dL'), and 'Cystatin C' (with a unit dropdown set to 'mg/L'). Below these fields, there's a section for 'Estimated GFR' with a note 'based on CKiD U25 equations (2021)'. This section contains three rows of output fields labeled '(Creatinine)', '(Cystatin C)', and '(Average)'.

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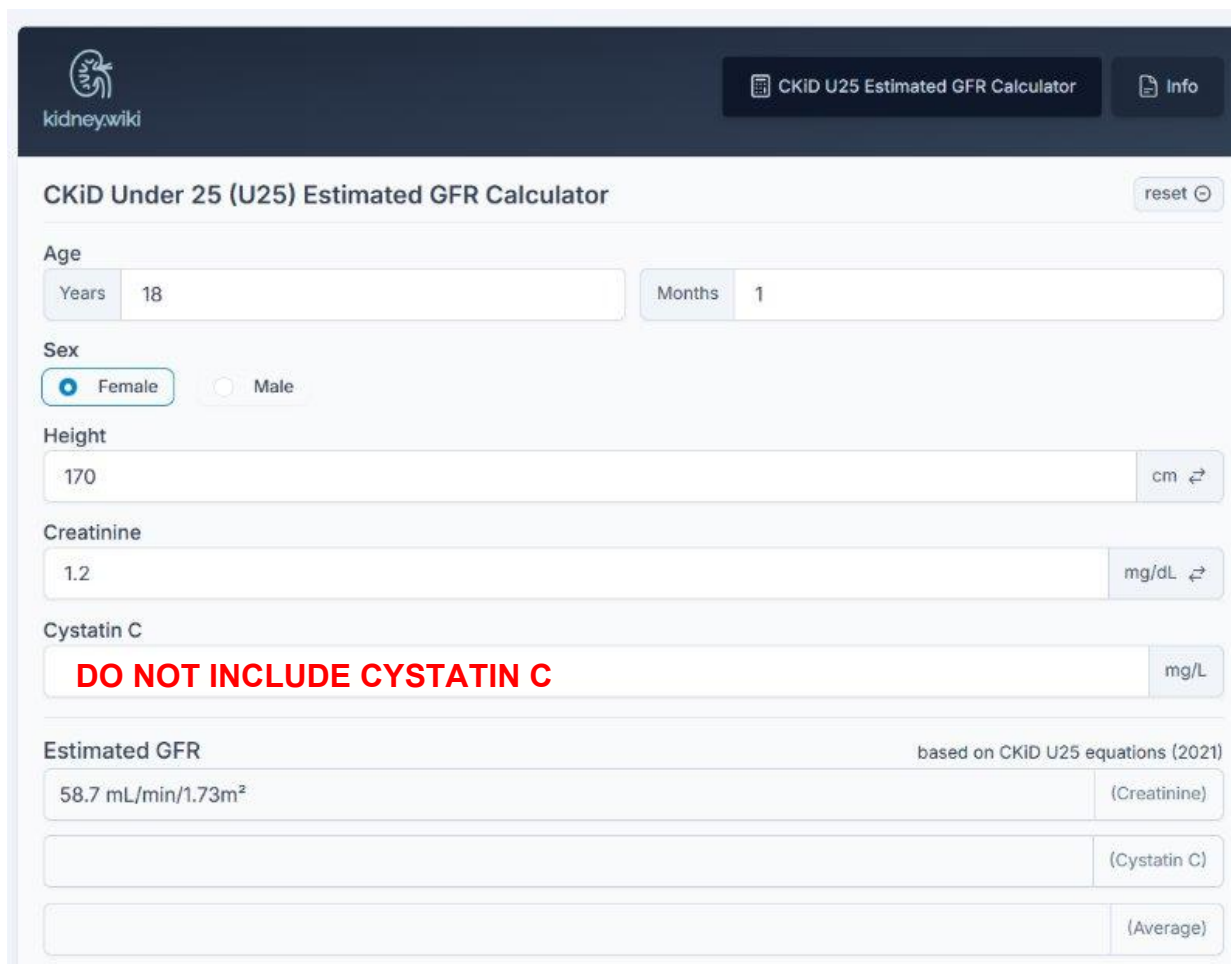
U25eGFR calculator is also accessible from the CKiD website's Investigator Resources webpage.

Go to <https://statepi.jhsph.edu/ckid/investigator-resources/>

Click on "Learn More about Calculators"

Then under CKiD Under 25 (U25) GFR estimating equations click on "Go to Calculator on kidney.wiki"

Below is an example of an 18 year old female who is 170 cm in height with creatinine measurement of 1.2.



CKiD Under 25 (U25) Estimated GFR Calculator reset

Age
Years: 18 Months: 1

Sex
☒ Female ☐ Male

Height
170 cm

Creatinine
1.2 mg/dL

Cystatin C
DO NOT INCLUDE CYSTATIN C mg/L

Estimated GFR based on CKiD U25 equations (2021)
58.7 mL/min/1.73m² (Creatinine)
(Cystatin C)
(Average)