

Kidney Biopsy Guide Updated June 2021

To set up an **OUTPATIENT native kidney biopsy**, email: kidneybiopsy@mssm.edu

To set up an **INPATIENT native kidney biopsy**:

- Email the biopsy attendings (Tokita, Sharma, Chan) to see when they are available and **cc both Kristin Meliambro (kristin.meliambro@mssm.edu) & Sean Lefferts (sean.lefferts@mssm.edu)** for the biorepository samples; include the patient's name/MRN and indication for biopsy, and if patient is on anti-platelet medications or AC
- Once you have a date set from them, let the primary team know about the parameters below (and include them in your consult note for reference)
- The morning of the biopsy, call the biopsy suite to set up a time slot
- If you need help from a senior fellow with the biopsy, give them a heads up the night prior if possible

Pre-Biopsy Guidelines:

- **Blood pressure < 150/90 (notify your attending if the blood pressure is elevated)**
 - Give home medications if not already taken
 - Limited trial of clonidine or hydralazine
- **Blood thinners guidelines**
 - No oral anticoagulants
 - Off ASA ~ 1 week
 - Off Plavix ~ 5 days
 - The **night before and morning of the biopsy**, patient should not receive get the subQ Heparin
- **Forms to fill out**
 - **Pathology requisition**
 - **Time Out**
 - **Consent (Fellows should sign the witness section; use the consent form in the patient's primary language and document the interpreter number when used)**

The Day of the Outpatient Biopsy

- **The outpatient ambulatory unit (KCC 4S – ext 44320) will page you that the patient has arrived. Place the orders outlined below ASAP! Outpatients should be seen by the fellow by 9:30 AM before they arrive in the ultrasound suite for the biopsy.**
- **Women of child bearing age will need a pregnancy test**
- To find the patient, you can either patient search them and choose the biopsy encounter to enter orders or add the Outpatient Amb unit to one of your “favorite lists” (this will be helpful for Transplant Biopsies)
- Go to Available lists → Outpatient Areas → Open that folder → scroll down to Manhattan Amb Surg → “Amb Surg Liver/Kidney” → Drag that into a new folder that you create
- You can do the same for the patients on transplant that come in for IVIG and you need to find them to place IVIG orders for them: Same steps as above but drag the list “Amb Surg Other Infusion” to a favorite list that you created
- **For outpatient biopsies, the pre-procedure H&P should be pended before the biopsy procedure so it is in the chart**
- **Prior to discharge, patients should be seen in KCC. A post biopsy note should be documented.**

1) Once patient has arrived, place the **Pre-Biopsy Order set**. Make sure you have a **PT, PTT, Type & Screen, CBC, BMP**.

Target labs: Hgb > 8, Plts > 50 and INR < 1.5

If the BUN is > 50, let the attending know so you can decide whether **DDAVP** should be given prior to the biopsy

2) The morning of your biopsy, at **8am**, call x**47431** (that's ultrasound) and **schedule your biopsy time** (Usually the first biopsy is scheduled at around 10am)

3) At 10 am, call **Rachel or Pathology at 32488** and let them know that there is a biopsy today so that they come down at the time of the biopsy

4) Fill out the **Consent form** and **sign as a witness**, the supervising attending will sign in the attending section

5) Fill out the **Pre-procedure checklist form** found at the "**Side and Site**" section in the ultrasound suite

6) Fill out the **Pathology form** in the "**Pathology**" section in the ultrasound suite

7) Then set up...!

8) If you need a **biopsy needle (for natives 18 g x 20 cm, for transplant 18g x 16 cm)**, find one in the **room across the hall** from the biopsy room in the storage closet. Some patients will come downstairs with a biopsy gun from the floors

9) Once the procedure is done, tell your patient to **lay on their back for 4 hours**. You go to Epic and follow the **Post-Biopsy order set**. Make sure that you put the **CBC as STAT and time it for 4 hours after the procedure**

(the STAT just means that the lab runs the sample quicker...not that the nurse collects it immediately)

10) Write the **procedure note.** Note -> Procedures, then under Procedure name (type Kidney Biopsy and select the appropriate option). Then in the SmartSet box type "Kidney Biopsy" and select the SmartSet

Then **F2** your way through the note...and viola you're done!!!

(If this is an outpatient biopsy (transplant or native - pertinent to 2nd year), you will need to write a brief H&P which is also a SmartSet note, just type .biopsy and select the HP one)

N.B. The SmartSet usually has "transplant" kidney biopsy in the text, so make sure to change it to native kidney if it's a native kidney

