

## Genitourinary Grossing Guidelines

**Specimen Type:** PARTIAL NEPHRECTOMY

**Procedure:**

1. Weigh and measure overall dimensions of specimen, size of kidney tissue, and size of perinephric fat.
  2. Inspect perinephric fat for tumor extension; inspect the renal parenchymal margin for tumor involvement; note the presence or absence of renal sinus fat.
    - a. Ink renal parenchymal margin in blue
    - b. Ink perinephric fat margin in black
  3. Serially section the specimen perpendicular to the long axis and perpendicular to the renal capsule or renal parenchymal margin.
  4. Describe tumor: location, demarcation, color, texture, hemorrhage/necrosis/cystic degeneration, extension into: renal sinus, vein, or perinephric fat, if applicable.
  5. Photograph the representative slices containing the largest dimension of tumor and the closest renal parenchymal resection margin.
  6. Look for additional lesions in the uninvolved kidney.
- For any solid or solid-cystic tumor > 2 cm → collect tissue for cytogenetics
    - Place order for cytogenetics (Karyotype only)
    - Place Karyotype label on RPMI container
    - Send sample to cytogenetics lab on next available courier
      - DO NOT PLACE SPECIMENS IN BACK FRIDGE OF LAB
  - For tumors < 2 cm, cystic tumor without solid component, or urothelial cancers → do not need to collect tissue for cytogenetics
  - FOR NORTHRIDGE CASES ONLY – ACCESSION CYTOGENETICS AS ZKO CASE TYPE

**Gross Template:**

**MMODAL Command:** “INSERT PARTIAL NEPHRECTOMY”

It consists of an [*intact, disrupted, previously incised*\*\*\*], [*weight*\*\*\*] gram, [*measure in three dimensions*\*\*\*] cm, partial nephrectomy. [*mention if any orientation is provided*\*\*\*]

Sectioning reveals a [*measure in three dimensions*\*\*\*] cm [*describe lesion- circumscription, encapsulation, color, consistency*\*\*\*]. The lesion is located [*distance*\*\*\*] cm from the parenchymal margin and [*distance*\*\*\*] cm from the [*capsule/perinephric fat/Gerota's fascia*\*\*\*]. The mass is [*confined to the kidney/protruding into perinephric fat* \*\*\*]. [*Comment on presence or absence of hemorrhage and necrosis in the tumor*\*\*\*].

The uninvolved renal parenchyma displays [*unremarkable or describe additional pathology*\*\*\*] cut surfaces. No additional lesions or masses are identified. A portion of tumor tissue is placed in RPMI and sent for cytogenetics studies [*delete if not collected*\*\*\*]. Gross photographs are taken. Representative sections are submitted.

**INK KEY:**

Blue    Parenchymal margin  
Black    Capsule/perinephric fat margin

[*insert cassette summary*\*\*\*]

## Genitourinary Grossing Guidelines

### Cassette Submission: 5-6 cassettes

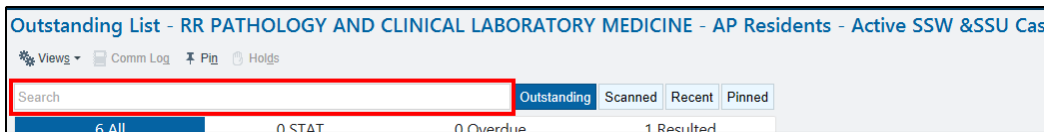
- One section of kidney away from tumor if a good portion of uninvolved kidney is present - try to include cortex and medulla. **This should be placed in cassette A1 (It will be a pink block, which includes 1 PAS stain).**
- Tumor:
  - o From areas with different color or texture
    - To include areas with necrosis
    - To include relationship to normal renal parenchyma
    - 1-2 sections with closest renal parenchymal margin
    - 1 section with perinephric fat invasion, if present
    - 1 section with renal sinus fat invasion, if present
    - 1 section with closest perinephric fat margin, if present
  - o If the tumor is 3 cm or smaller in size – submit it entirely

## ORDERING CYTOGENETICS

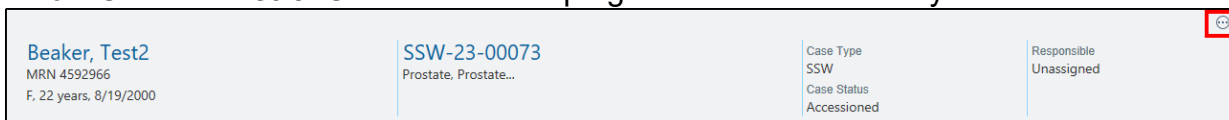
At times Cytogenetic testing needs to be performed on existing cases. This job aid describes the scenario for placing add-on Karyotype orders on existing cases.

### Placing an order for Karyotype on an existing case

1. Open the **Case** in the Outstanding List Editor
  - a. Within the Outstanding List Editor, **scan case label** to bring up case, or enter the **Case ID** in search field in the Outstanding List Editor.



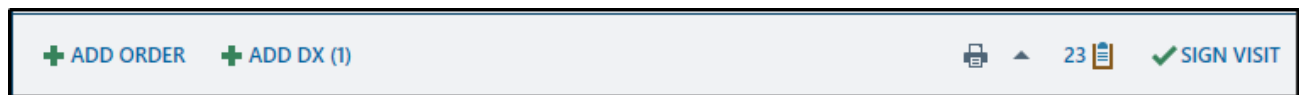
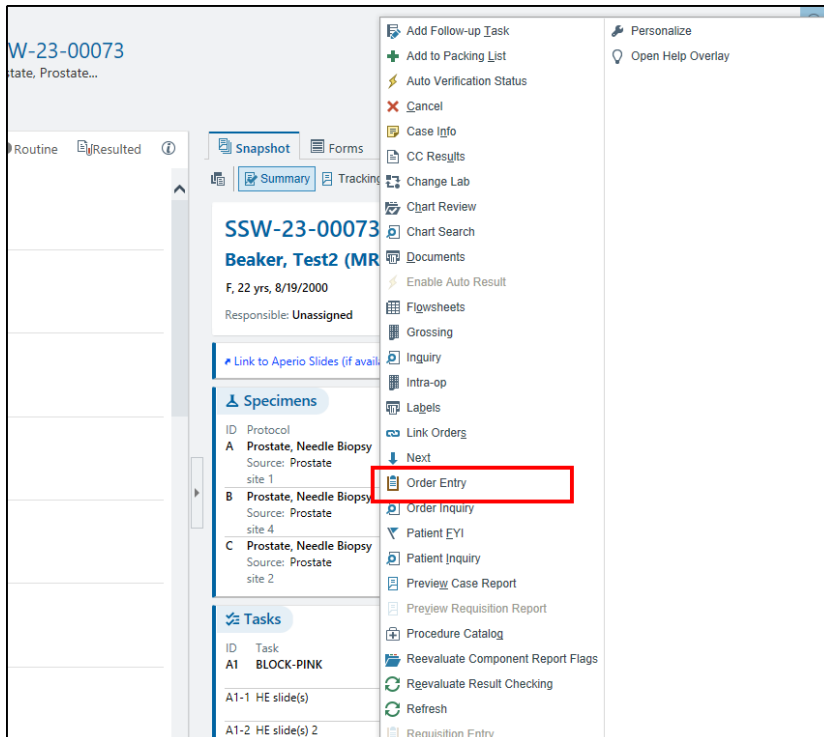
2. Verify that the correct case is open.
3. Click the **Actions** button in the top right corner of the activity.



4. Click **Order Entry**.
5. Based on the patients encounter (Inpatient or Outpatient) you will be presented with the following:

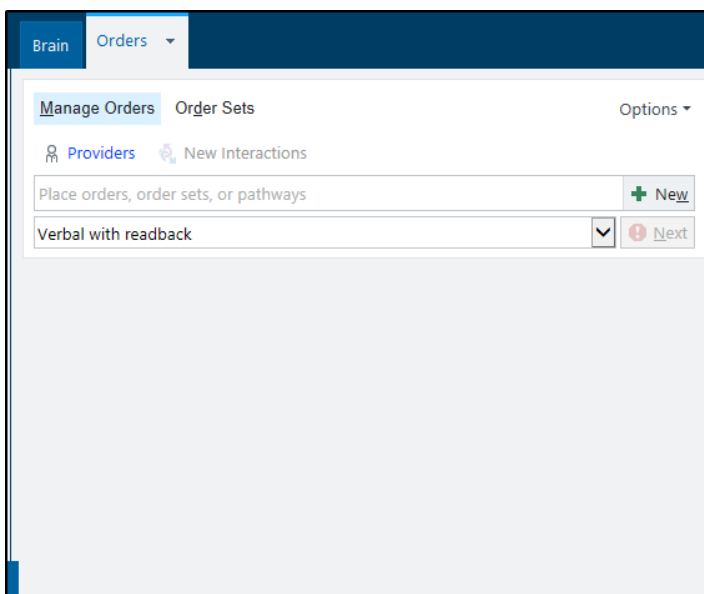
# Genitourinary Grossing Guidelines

## a. Outpatient encounter



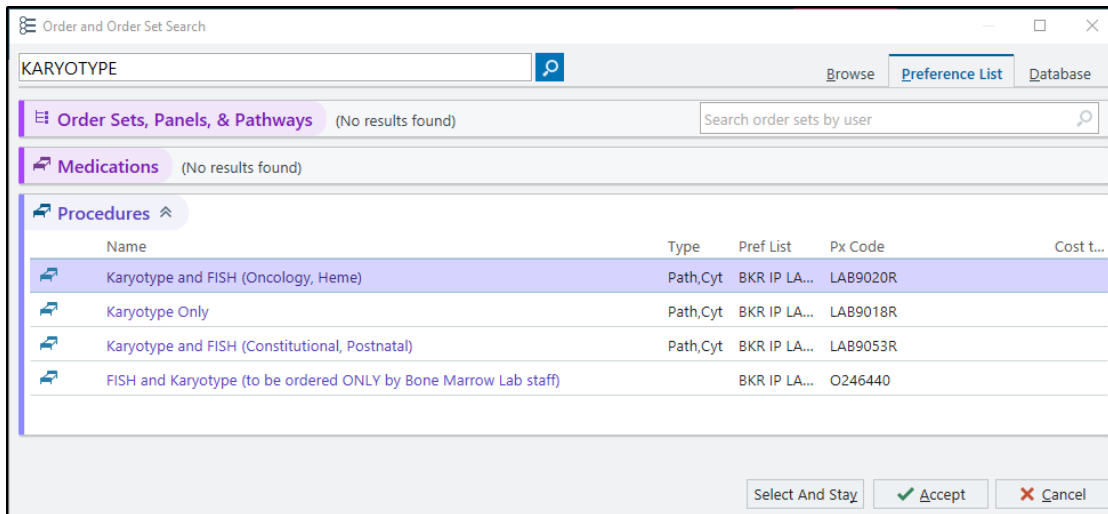
### i. Select **Add Order**

## b. Inpatient encounter



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6. Find the order you want to place as an add-on.



Refer to table below for order-specific descriptions and codes.

### Cytogenetic Orders (Karyotype)

| Order Name                                     | Order Code      | Order Description  |
|--|-----------------|--|
| <b>Karyotype Only</b>                          | <b>LAB9018R</b> | <b>This is the main order to be used if Karyotype is only being requested.</b>                           |
| Karyotype and FISH (Oncology, Heme)            | LAB9020R        | This order is to be used when both Karyotype and FISH is requested on Oncology or Hematologic cases.     |
| Karyotype and FISH (Constitutional, Postnatal) | LAB9053R        | This order is to be used when both Karyotype and FISH is requested on Constitutional or Postnatal cases. |

7. Indicate the **Specimen Type** for the order.

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8. Select the appropriate answers to all questions and add the relevant clinical information in the *Comments* field.

Karyotype Only

Reference Links:

- UCLA Test Directory Information - Amniotic Fluid
- UCLA Test Directory Information - Chorionic Villus Sampling
- UCLA Test Directory Information - Solid Tumor
- UCLA Test Directory Information - Blood, High Resolution
- UCLA Test Directory Information - Percutaneous Umbilical Cord Blood Sampling
- UCLA Test Directory Information - Tissue, Skin Biopsy
- UCLA Test Directory Information - Bone Marrow, Neoplastic Blood, Lymph Nodes
- UCLA Test Directory Information - Products of Conception
- Integrated Genetics - Sendout Requisition Form

Priority: Routine

Frequency: Once

At: 8/11/2023

Process Instructions: Please indicate Anatomic Location and any additional specimen specific information in the comment field next to each specimen. If you would like to add-on a test to a specimen that is already in the lab, please call Outreach Client Services 310-267-2680. Transport to the Laboratory immediately. Maintain at room temperature.

Specimen Type: Blood

Provider #1 to CC on Lab Results

Provider #2 to CC on Lab Results

Provider #3 to CC on Lab Results

Comments: Enter additional clinical information if needed.

Modifiers:

Additional Order Details

Next Required Link Order Accept Cancel

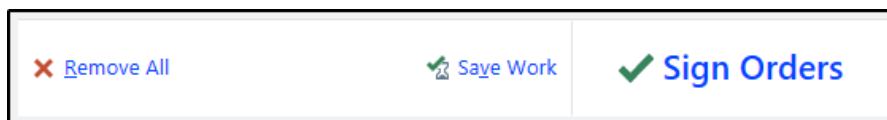
9. Click **Accept** when complete.

10. Once all the order details are filled out:

- a. Outpatient: click **Sign Orders** at the bottom of the screen.



- b. Inpatient: click **Sign Orders** at the bottom of the screen.



11. Select the appropriate **Order Mode**

Order mode

Standard

Standard Verbal with readback Telephone with readback Per protocol: cosign required

## Genitourinary Grossing Guidelines

12. Verify the correct **Authorizing Provider**.

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Do not select a UCLA pathologist as either the **Ordering** or **Authorizing Provider**.

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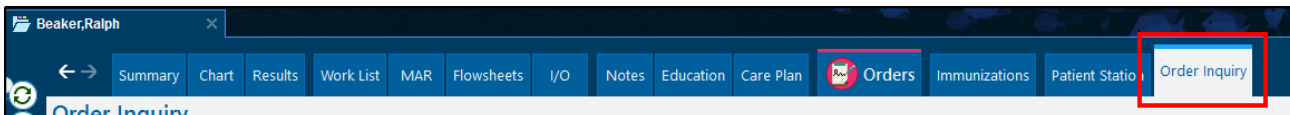
13. Click **Accept**.

**\*Note:**

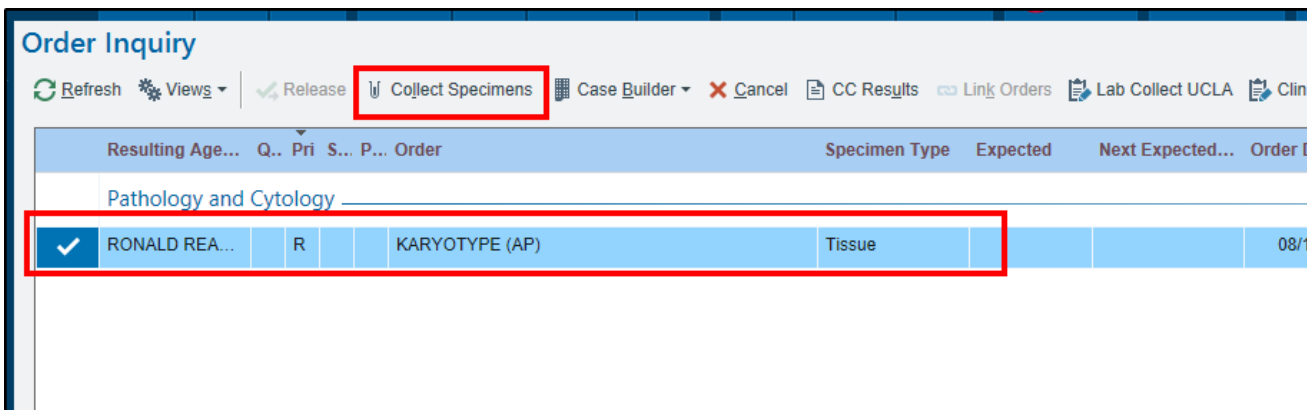
If the add-on testing was requested by a different provider than the provider who placed the original Tissue Exam order via e-mail, telephone, or fax, you should change the name of the provider to reflect the name of the provider who is actually requesting the add-on testing. In such case, the order mode should be changed to **Verbal with Readback**.

## Specimen Collection and Label Printing

1. Within the patient's encounter, select the **Order Inquiry** tab.



2. Select the **Karyotype** order that was placed on the patient and click **Collect Specimens**.



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### 3. Select Print Labels within the **Specimen Collection** activity.

The screenshot shows the 'Specimen Collection' window with the 'Sterile Container' section selected. The 'Collection Sequence' on the left lists 'Sterile Container' and 'Karyotype Only'. The main content area displays instructions for various specimen types: Amniotic Fluid, Marrow, Chorionic Villus Sampling (CVS), Percutaneous Umbilical Cord Blood Sampling, Products of Conception, Solid Tumor, and Biopsy. It also includes a 'Karyotype Only' section with a scheduled date of 8/17/2023 0910 and a 'Collect Later' button. At the bottom right, the 'Print Labels' button is highlighted with a red box.

### 4. Using the barcode scanner, scan the printed label to document collection.

The screenshot shows a form titled 'A. Other, Enter source information' with a red warning icon and the text 'Scan label or click to document collection'. The form contains several input fields: Time, Date, Collector, Department, Source (with a dropdown menu set to 'Other, Enter source information'), and Draw Type (with a dropdown menu set to 'Collection'). There is also an 'Add Specimen Description' button.

Note: If barcode scanner is unavailable, click the *Scan label or click to document collection* hyperlink and document all the appropriate fields (if needed).

### 5. Once the collection required collection information has been filled in, select **Receive or Accept** and the window should automatically close.

The screenshot shows the bottom navigation bar with a green background. On the left, there is a thumbs-up icon and the text 'All collections documented!'. On the right, there are four buttons: 'Procedure Catalog', 'Reprint Labels', 'Collect All', and 'Receive'. The 'Receive' button is highlighted with a red box.