

# Epic Beaker-Quick Start for AP Reporting

9/2/2024

➔ Arrows indicate important icons to remember for navigation

Outstanding List

The screenshot displays the Epic Beaker interface. At the top, there is a navigation bar with various icons and a search field. Below this is a header for the 'Outstanding List - SW Lab - SW AP Outstanding List - 1 out of 921'. A table lists various lab tests, including 'Tissue Exam' for multiple patients. On the right, a patient detail view is shown for 'Cookiesheet, Wally-LAB' (MRN 2040137, M, 66 years, 7/15/1957). The patient's lab results are displayed, including a 'Tissue Exam' with a 'Final Diagnosis\*' field. A legend at the bottom left shows icons for incomplete tasks, IP, and resulted.

ID	Name	Test	T	S	M	R	L...	Link
SS-24-000534	Dishrack, Llam-PATH	Tissue Exam	🕒	📄				
SS-47-000058	Zzlabmodel, Lily	Tissue Exam						
SS-47-000028	Zzlabmodel, Lenny	Tissue Exam						
SS-47-000025	Zzdonotuse, Zzdon...	Tissue Exam						
SS-47-000023	Zzdonotuse, Zzdon...	Tissue Exam						
SS-47-000020	Zzlabmodel, Vanessa	Tissue Exam						
SS-47-000019	Zzlabmodel, Vanessa	Tissue Exam						
SS-47-000013	Zzlabmodel, Quinn	Tissue Exam						
SS-47-000012	Zzlabmodel, Quinn	Tissue Exam	🕒					
SS-47-000042	Zzlabmodel, Porsha	Tissue Exam						
SS-47-000040	Zzlabdonotusetwo, ...	Tissue Exam						
SS-47-000009	Zzlabdonotuse, Por...	Tissue Exam						
SS-47-000003	Zzlabmodel, Xandra	Tissue Exam						
SS-47-000002	Zzlabmodel, Xandra	Tissue Exam	🕒					
SS-47-000008	Zzlabmodel, Wally	Tissue Exam						
SS-47-000007	Zzlabmodel, Wally	Tissue Exam	🕒					
SS-47-000006	Zzlabmodel, Wally	Tissue Exam	🕒					
SS-47-000005	Zzlabmodel, Shruthi	Tissue Exam						
SS-24-001206	Dryingrack, Wally-LAB	Tissue Exam						
SS-24-001203	Dishrack, Wally-LAB	Tissue Exam						
SS-24-001200	Deep Fryer, Wally-LAB	Tissue Exam						



Legends: incomplete task, IP, resulted

R panel:

The screenshot displays a medical software interface with a dark red header bar. The header contains navigation icons for Help Desk, Print, Secure, Log Out, and Change Context, along with a 'TRAINING PLAYGROUND' badge and a 'Beaker' logo. A user profile icon labeled 'LA' is in the top right. Below the header, the main content area is divided into sections. On the left, 'Case Type' is 'SURPA' and 'Case Status' is 'Gross Description Done'. On the right, 'Responsible' is 'Julia Watkins, MD'. A navigation bar includes 'Snapshot', 'Forms', 'Coding', 'QA', and a help icon. Below this, a sub-navigation bar shows 'Summary', 'Tracking', and 'Charges'. The 'Specimens' section lists one specimen with ID 'A', protocol 'Colon, Seg Res for Tumor', source 'Colon, Cecum', and collection/receipt dates of 07/14/24. The 'Questions' section contains a table with the following data:

Order Question	Answer
Number of specimens:	1
Source of specimen(s):	Colon, Cecum
Reason for Exam/Pertinent Clinical Information	Abdominal pain

The 'Linked Orders' section shows 'None'. The 'Other Orders' section has a filter set to 'Abnormal'. Blue arrows point to the 'Coding' tab and the 'Abdominal pain' answer.

## Pathologist Dashboard:

**Pathologist Dashboard**

**Workload**

- Daily OR Volume (Last Refresh: 11:44:56 AM)
- Unreceived Specimens from Procedural Areas (Report: OR Specimens Not Received by Lab (Past Week))

**My Cases & Reports**

- My Cases (Report completed: Sun 7/14 11:44 AM)
- Pathologist Message Board (Last Refresh: 11:44:56 AM)
- Report Listing (No reports are available for display)

**Statistics**

- Department Frozen TAT (Last Refresh: 11:44:56 AM)
- Average TAT (Last Refresh: 11:44:56 AM)
- Cases Needing Charge Review (Report: Cases Needing Charge Review - My Lab (Past 7 Days))

## Chart Review:

**Chart Review**

Porsha Zzlabmodel  
Female, 12 y.o., 10/11/2011  
MRN: 2016946  
Code: None Specified=Full Code (no ACP docs)

A...	R...	Date/Time	Specimen ID	Test	Status	Cancel	Redraw	Auth Provider	Source	Laboratory
		10/11/2047 15:20		Non-gynecologic Cytology	Active - Future			Hunter Timely, MD	Fine Needle Aspirate	MH INTERNAL LAB (B...
		10/11/2047 09:34	SS-47-000042	Tissue Examination	Active - In process			Hunter Timely, MD	Tissue/Liver	MH SOUTHWEST HO...
		10/11/2047 09:22		Cytology, non-gynecologic	Active - Future			Francis Burns, MD	Urine/Urethra	MH INTERNAL LAB (B...
		10/11/2047 06:00	1384579-A	Non-gynecologic Cytology	Active - Collected (1...			Hunter Timely, MD	Fine Needle Aspirate/Hepa...	MH INTERNAL LAB (B...

## Case builder: to add stains

**Case Builder**

Case Results

SS-47-000004 | SW Surgical Pathology | Staff Pathologist SCANNER, DANIEL

Builder | Grossing | Intra-op

Add Tasks to... (Alt+K) + A1 x

**A** Skin, Not Cyst/Tag/Debride/Pla  
Skin, Punch

**Task**

- A1 Block
- A1-1 HE slide(s)

## Select stains:

Browse

★  Only Favorites

▼ Task Protocols

- IHC
- Others
- Recut
- Special Stain

IHC

<input type="checkbox"/> Actin, Muscle Specific	<input type="checkbox"/> Actin, Smooth Muscle
<input checked="" type="checkbox"/> AE1/AE3	<input type="checkbox"/> ALK-1
<input type="checkbox"/> Alpha Fetoprotein	<input type="checkbox"/> Arginase-1
<input type="checkbox"/> ATRX	<input type="checkbox"/> B72.3-BRST3
<input type="checkbox"/> BCL-2	<input type="checkbox"/> BCL-6
<input type="checkbox"/> BER-EP4	<input type="checkbox"/> Beta-catenin
<input type="checkbox"/> BRAF	<input type="checkbox"/> CA-125
<input type="checkbox"/> CA19-9	<input type="checkbox"/> CAIX
<input type="checkbox"/> Calcitonin	<input type="checkbox"/> CALD
<input type="checkbox"/> Calponin	<input type="checkbox"/> Calretinin
<input type="checkbox"/> CD10	<input type="checkbox"/> CD117
<input type="checkbox"/> CD138	<input type="checkbox"/> CD15
<input type="checkbox"/> CD1A	<input type="checkbox"/> CD2
<input type="checkbox"/> CD20	<input type="checkbox"/> CD23
<input type="checkbox"/> CD3	<input type="checkbox"/> CD30
<input type="checkbox"/> CD31	<input type="checkbox"/> CD34
<input type="checkbox"/> CD4	<input type="checkbox"/> CD43
<input type="checkbox"/> CD45	<input type="checkbox"/> CD5
<input type="checkbox"/> CD56	<input type="checkbox"/> CD57
<input type="checkbox"/> CD61	<input type="checkbox"/> CD68
<input type="checkbox"/> CD7	<input type="checkbox"/> CD71
<input type="checkbox"/> CD79A	<input type="checkbox"/> CD8
<input type="checkbox"/> CD99	<input type="checkbox"/> CDX-2
<input type="checkbox"/> CEA-Mono	<input type="checkbox"/> Chromogranin
<input type="checkbox"/> CK HMW (34BE12)	<input type="checkbox"/> CK LMW (Cam 5.2)
<input type="checkbox"/> CK14	<input type="checkbox"/> CK17
<input type="checkbox"/> CK19	<input type="checkbox"/> CK20
<input type="checkbox"/> CK5/6	<input type="checkbox"/> CK7
<input type="checkbox"/> CMV	<input type="checkbox"/> C-MYC
<input type="checkbox"/> Collagen 1V	<input type="checkbox"/> Cyclin D1
<input type="checkbox"/> D2-40	<input type="checkbox"/> Desmin
<input type="checkbox"/> DOG-1	<input type="checkbox"/> E-Cadherin
<input type="checkbox"/> EGFR	<input checked="" type="checkbox"/> EMA
<input type="checkbox"/> ER BB	<input type="checkbox"/> ER CC

Selected stains are shown:

**Case Builder**  
 Case Results  
**SS-47-000004** | SW Surgical Pathology | Staff Pathologist: SCANNER, DANIEL  
 Case Information

Builder | Grossing | Intra-op  
 Add Tasks to... (Alt+K) A1 x | Hide Slides | Add Specimen

Task	Note	Charge Code	Qty
✓ A1 Block			
A1-1 HE slide(s)			
A1-2 AE1/AE3		LAB88341	1
A1-3 EMA		LAB88341	1

Add: LAB88305 (for H&E)

Change first IHC to LAB88342

Qty=1 for each

Can put a Note for a stain:

Builder | Grossing | Intra-op  
 Add Tasks to... (Alt+K) Specimen A x | Hide Slides | Add Specimen

Task	Note	Charge Code	Qty
✓ A1 Block			
A1-1 HE slide(s)		LAB88305	1
A1-2 HE slide(s)			
A1-3 AE1/AE3	STAT	LAB88342	1
A1-4 EMA		LAB88341	1
✓ A2 Block			
A2-1 HE slide(s)		LAB88305	1


R panel/Snap shot/Tracking: shows ordered stains

Summary | **Tracking** | Charges

**Tasks**

ID	Task
A1	Block
A1-1	HE slide(s)
A1-2	AE1/AE3
A1-3	EMA

## DETAILED STEP-BY-STEP:


-“Outstanding List”  ->“View”: select appropriate pending list (for example, SW AP Outstanding List)

-Select a case (checked box), R click: “Take” (self-assign), or “Assign” (to another fac)->name of self is shown

in upper R (Responsible: xxx, MD)

-Reporting window will display on the R to put in report

-Tissue type and clinical info (complaint) are seen in R panel /snapshot/ summary

-Select (...)  at upper R: “chart review” to view EMR data

-To add IHCs or other special stains, recuts, etc.: “Case Builder” just above pending list


-> select specimen (for example, A), select block (for example, A1)

Add tasks (+): select stains (selected stains will be automatically assigned CPT codes (LABxxxx);

H&E was already automatically ordered with CPT codes during grossing

Select “accept”-> all stains will show in “Case Builder” and also in “Snapshot/Tracking”

-Optionally at this time, one can edit temporary report with micro findings only:

Click pen icon  **Tissue Exam** (next to Tissue Exam) and start editing report

-Editing window has editing options for boldface, spell check, undo, insert SmartText, etc.



-To search for a SmartText template, put in “Insert SmartText” window key words (for example, flow)-> all templates will show, select one->Accept

-Input for: **BKR LAB AP ASR DISCLAIMER**

The interpretation of this case included the use of immunohistochemistry or special stains. These tests have not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. These tests are used for clinical purposes and should not be regarded as investigational or for research. This laboratory is certified to perform high complexity testing under the Clinical Laboratory Improvement Amendments of 1998.

-One can now uncheck the case (box to left of case number) to exit, all changes will be saved

-After getting IHCs and other stains at a later time, and ready to finalize report:

Go to “Case results” (at top L), enter Case Accession number-> Click pen icon to start edit:

fill in all required fields of report (fields with \* are optional)

-Go to R panel/“Coding”/“Diagnosis”:

Type in diagnosis and search for full description-> select subtype, location if asked-> accept-> Dx code (ICD-10) will display in box (for example C86.1)

More than 1 DX can be entered with boxes below

(Note that this DX may not be the same as that in: snap shot/tracking/order DX)

Snapshot Forms Coding

### Diagnoses

Diagnosis	Description
hepatoblastom	
Diagnosis	

Restore

-Go to R panel/"Coding"/"Charges": check all billing codes (click boxes for block number on L, Make sure to change 1<sup>st</sup> IHC to 88342, billing code for H&E and select "Reviewed All" (note that yellow triangle with ! is there due to the fact that IHC was not done in training)

### Charges

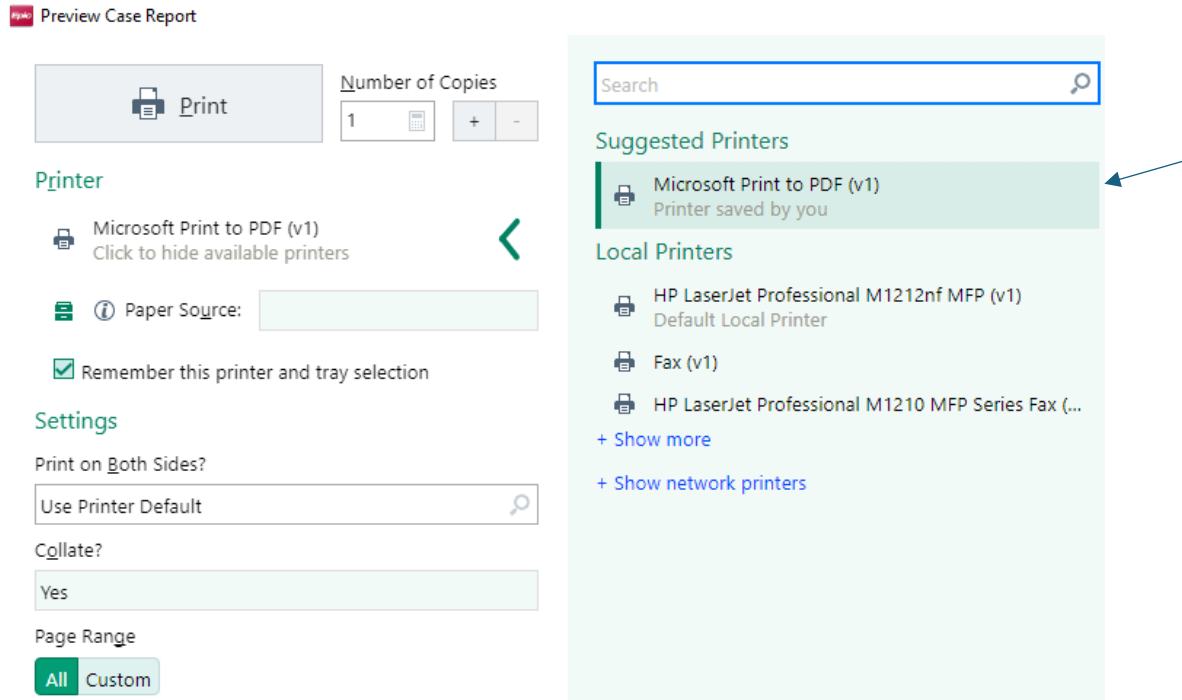
Charges need review ^

<input checked="" type="checkbox"/> All	Task / Protocol	Charge Code	Type	Qty	
<input checked="" type="checkbox"/> A1	HE slide(s)	LAB88305	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> A1	CD3	LAB88342	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> A1	CD4	LAB88341	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> A1	TIA-1	LAB88341	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> A1	CD8	LAB88341	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> A1	CD5	LAB88341	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>

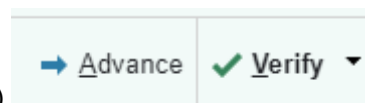
Task / Protocol Charge Code Qty

Not all tasks/protocols have charges. Confirm that all expected charges are listed.

-Select (...): "Preview case report" to preview verified report (this preview file can be printed with local printer or downloaded as pdf file for local PC)



-Select folder on local PC and type in file name for this report Preview-> saves pdf file in PC



-Select "Verify" (at lower R) ->"Confirm Final"

+++++

**NOTES:**

-Cases that were signed out in training environments will have all editing contents removed (partially or completely) and

start out as new cases again for others to try out

-IHCs are not performed in training (shown as "Not created"); assume IHCs are done and go back to sign out case

-F1 can be used to view online manuals at any time (not activated for training yet)

-To cancel "Verify" a report, just uncheck the case from the pending list, and agree to cancel Verify

-During editing, one has 2 options for preformed templates:




(a) "Insert SmartText" (for bone marrow, flow, etc): put the cursor where text will be inserted, select "Accept",

select "Save"

(b) "Forms" (bone marrow, lymphoma, etc.)->select item in "Add" box. The contents of these forms are displayed

on the R window

To remove selected form(s), select "Manage", then "X" out the item(s)

-Two icons  (Pending List, Dashboard) are permanently shown. Additional windows that are added during

review can be "X" out to minimize display tabs

-To review a signed-out report: "Case inquiry": input accession case number-> report is shown under "Tissue Exam"

-To add addendum or amended report: "Case Result": select "addendum" or "amended report", offer reason for

amended report (addendum or amended report are not activated in training)-> add addendum or amended report

-"Up to date" option is not yet activated in training

-Options at the end of report to attach:

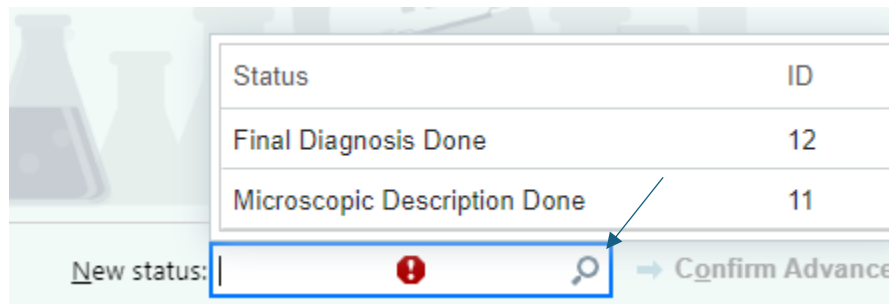
(a) scanned files: have to be scanned by MHH TWAIN scanner

(b) docs: can be image files (jpg, gif, etc) or pdf files; have to be attached from MHH server HD

- Optionally, after typing in prelim microscopic findings, one can select "Advance"(at lower R)



Click search and select 11 "Microscopic description done"->Confirm Advance



-Epic Beaker reports have 3 types of coding: CPT (LABxxx, for billing), ICD-10 (DX), SNOMED (organ, tissue)

+++++