

Cytology EPAs for CBD cohort

PGY-2

General Rotation Overview

1. Teaching, cytotechnologist-lead and self-directed with study sets:
Gynecologic cytology (1 week), Respiratory cytology and Fine needle aspirate biopsy (FNAB) pulmonary cytology (1 week), Urinary cytology (1 week), Effusion (including pelvic washes) cytology (1 week). A slide test will be given at the end of each week.
2. Introduction to the cytology preparation lab.
Day 1 - An introduction and brief overview of the cytology preparatory lab by the senior or charge technologist. Walk through area to show various benches and what happens where. Residents receive reading materials pertaining to specimen acceptance/rejection.
3. Introduction to *Rapid On Site Evaluation* (ROSE) in the clinical areas of the hospital (imaging, endoscopy or clinics).
4. EPAs
Work towards **EPA#11, Part A** beginning in PGY-2. During PGY-2, potential to collect 10 completed EPAs from at least 2 different observers (**cytotechnologists**), in various scenarios outlined below.
5. E-conferences
Participate in e-conferences. Residents are to do 5 ASC-cytoconferences by the end of PGY4, and submit their post-econference test answers to the senior/charge cytotechnologist.

Specific plan for attaining EPAs

Please note, it is entirely the resident's responsibility to trigger EPAs, keep track of EPAs, and have a plan of how to complete them. Residents are to work cooperatively with the cytology staff to find common times for additional training, practice or EPA assessments.

EPA#11 Part A

Week 1 - Residents spend 1-2 hours in the cytology preparatory lab, with a cytotechnologist showing them how to accession/reject specimens. If at that point the resident is ready and wants to, they can complete EPAs. 5 of these EPAs (*to do with accessioning/rejection*) are required, but it's up to the residents when they want to attempt these, as they can also do them in PGY4 or PGY5. They may choose to ask to come to the prep lab at any point in this 4 week rotation, and ask to be observed. The residents will have to ask when specimens are available, and coordinate when a cytotechnologist is available.

Week 2 - Residents accompany a cytotechnologist to a ROSE, and are shown how to make a smear and how to stain the slides. After one ROSE, it is up to the resident as to how many additional ROSEs they would like to attend. They can complete 2 to 3 EPAs (*to do with slide preparation/staining*). It's up to the residents if or when they want to attempt these, as they can also do them in PGY4 or PGY5, or elect to perform EPAs pertaining to slide preparation/staining in the prep lab instead of during ROSE. The residents will have to coordinate to ensure a cytotechnologist is available.

Week 3 - Residents spend 2-3 hours in the cytology prep lab along with cytotechnologists, being shown how to prepare specimens/stain/coverslip, and how to assess stain quality and assess appropriate slide labeling. After being shown these procedures generally, they can elect to get more instruction on how to perform one or more of these. If they wish, they can then complete EPAs. These EPAs may be done in PGY2, PGY4 or PGY5. The residents will have to coordinate to ensure a cytotechnologist is available.

At least 2 EPAs must be on *the assessment of the finished product* (assess stain quality, slide labelling etc),

If ROSE has been used for 2-3 EPAs, then preparing specimens/stain/coverslipping/etc does not need to be assessed with EPAs.

If ROSE hasn't been used for EPAs, then preparing specimens/stain/coverslipping/etc needs to be assessed with EPAs (2 to 3).

EPA#11 Part B

Pertains to *advising healthcare professionals*. 5 EPAs are required and **can only be assessed by a pathologist**. They are best suited for PGY-4 cytology rotations, however in PGY-2 can be done during an on-call experience (ie. providing clinical colleagues with advice regarding cytology specimen procurement or handling).

	Completion target	PGY2			EPAs		
		Day 1	Week 1	Week 2 or Week 3	# required	OBS 1	OBS 2
					(must be scheduled with staff)		
Introduction to Lab - overview of prep area	PGY2	x					
Relevant reading - P&Ps (Specimen Acceptance and rejection, Specimen collection, etc)	PGY2	x					
EPA#11 Part B - Advising other physicians on optimal management of specimens (cytology specimen procurement or handling)	mostly PGY4 or PGY5				on-call experience, or simulated		
EPA #11 Part A - Specimen Adequacy (Accepting or rejecting specimen)	PGY2		x (1-2 hrs instruction)		5	x	x
accept or reject sample	PGY2, PGY4 or PGY-5						
accept - receive and code specimen							
reject - complete rejection letter, PSLs, packaging, transport request							
follow-up							
EPA #11 Part A - Specimen Preparation	PGY2			x (2-3 hr instruction)	5	x	x
Slides during Rose (preparation and Diff Quik staining)	PGY2, PGY4, PGY5			x	2-3	x	x
					or		
sample preparation in lab (triaging, preparation and specimen storage)				Additional instruction available (must be scheduled)	2-3	x	x
slides preparation in lab (to include staining and coverslipping)					plus		
EPA #11 Part A - Assessment of finished product	PGY2, PGY4 or PGY-5			x	2	x	x
stain quality check							
slides label check							

PGY4

- 1st block - continuation of teaching with cytotechnologists. Complete any outstanding **EPAs #11 A and B**.
- 2nd block - work on **EPAs #12** (assessing and reporting cytopathology specimens). Daily sign out with pathologists. At least 60 observations of achievement (at least 20 pap smears, at least 10 fluids, at least 10 of FNA/EUS/EBUS cases).
- Participate in ASC-cytoconferences to fulfill the requirement to participate in five (5) ASC-cytoconferences by the end of their PGY-4 rotation.

PGY5

- Fulfill any outstanding cytopathology rotation EPAs.
- Time during this block may be spent in sign out with the cytopathologists or independent study of cytopathology material.
- May be responsible for teaching junior residents and students.