

## **Arab Board of Pathology**

### **Accreditation for Residency Programs in Anatomical Pathology and Cytopathology**

#### **Objectives of Anatomic Pathology/Cytopathology Program Training Standards**

##### **Objectives of Anatomic Pathology/Cytopathology Program Training Standards:**

##### **These standards are essential to Ensure:**

1. Centers have a written structured training program with recognized leadership structure
2. Trainers are adequately trained and prepared for independent practice
3. Residents are adequately trained to practice safe modern pathology/cytopathology
4. The work area is adequate, safe and proper for resident practice and wellbeing
5. Centers have adequate modern educational resources for training and resident use
6. Centers emphasize both quality, quantity and variety of diagnostic material in training
7. Residents are actively engaged with clinical departments/clinicians regarding their cases
8. Residents progress is under continuous monitoring with remedies and solutions to poor progress
9. Residents are trained and evaluated under a competency-based training program
10. Residents are able to assess their trainers/supervisors and the training program
11. Written procedures to review, improve, modify and upgrade training are present

# Arab Board of Pathology



## Accreditation for Residency Programs in Anatomical Pathology and Cytopathology Checklist

No	EVALUATION ITEM	YES	NO	NA
<b>A</b>	<b>PROGRAM ORGANIZATION:</b>			
<b>1</b>	There is an administrative organizational structure within the training center and the specialty training program, with leadership and personnel to support the residency program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2</b>	A residency program committee exists to support the program and program director	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3</b>	The residency program committee manages and evaluates key functions of the residency program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4</b>	The residency program committee meetings are sufficient to fulfil its mandate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5</b>	The residency program is overseen by the program director and the residency program committee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B</b>	<b>EDUCATIONAL PROGRAM:</b>			
<b>6</b>	Education/Training Program intends to prepare residents for independent practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7</b>	Education/Training Program is time-based and is organized around educational objective	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8</b>	Education/Training Program is competency-based and is organized around competencies required for practice and as outlined in the curriculum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9</b>	Educational outcomes/objectives/competencies are clearly defined for each stage/year of training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>10</b>	Residents perform gross & microscopic evaluations and clinicopathological correlations under the direct supervision of a laboratory physician	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>11</b>	Resident participate in consultations, including intraoperative pathology/cytology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>12</b>	Resident have a grossing manual for their use in the grossing room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>13</b>	<b>Residents receive direct instruction by qualified pathologists during:</b>			
	• Grossing and tissue selection (including frozen section)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Fine needle aspiration procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Forensic/medicolegal autopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Hospital medical autopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>14</b>	<b>Residents are provided with opportunities to learn the principles, applications and interpretations of:</b>			
	• Tissue histochemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Immunohistochemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Immunofluorescence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• In situ hybridization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Molecular pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Cytogenetics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Flow cytometry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Electron microscopy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No	EVALUATION ITEM	YES	NO	NA
15	Residents receive instruction in the principles of the administration and management of an anatomical pathology service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Residents are trained in the basic and clinical sciences, and advanced scientific knowledge related to pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Residents are trained on Evidence-Based Medical Science and its principles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Residents are involved in, trained, exposed to basic and clinical research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Residents receive teaching in structured/synoptic reporting of cancer cases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Residents receive teaching in laboratory management (quality assurance, laboratory safety, workload management)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	<b>There is an established system for resident performance assessment:</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Competency-based evaluation (CBE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Direct observation of practical skills (DABS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• In-training/service assessment (e.g RISE, RITE, (Other, <i>Specify</i> ):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• End-of year/rotation assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• End-of-training certification examination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Work-based assessment (WBA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Black Box Slide Session/Unknown slide Session	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• MOCK Exam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Logbook, Portfolio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Other: <i>Specify</i> :	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	There is an established process for decision-making regarding resident progression and satisfactory completion of training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Residents with unsatisfactory progress are given support and opportunity to improve their performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	<b>RESOURCES:</b>			
24	The department of laboratory medicine/pathology is administered by a certified physician in laboratory medicine/pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	<b>The diversity and volume of specimens are sufficient to support resident training:</b>			
	• Large surgical specimens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• GI pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Medical liver biopsies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Nephropathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• GU pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Gynecologic pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• CNS pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Bone & Soft tissue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Breast Pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Exfoliative Cytology (Gyn/Non-Gyn)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Aspiration Cytology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Residency program has adequate volume and range of Exfoliative cytology & Aspiration cytology to provide adequate training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Residency program has an active external pathology consultation service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Residency program has access to appropriate facilities for the preparation and interpretation of frozen sections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No	EVALUATION ITEM	YES	NO	NA
29	<b>Residents have an adequate training and working environment including:</b>			
	• Safety conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Adequate office space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Individual light microscope of adequate quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Personal computer, Personal digital assistant (PDA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to dictation, reporting, and transcription services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to Updated Surgical pathology/Cytopathology references	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to computer-based literature review services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to internet service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to and are training on digital photography	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to and are training on virtual microscopy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to a multiheaded microscope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to conference rooms with adequate facilities for image projection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to Radiology, Medical Record, Laboratory data etc. to facilitate the diagnostic process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Access to treating physician contact information to facilitate case discussion/evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Residents are able to participate in: clinicopathological conferences, Medical grand rounds Morbidity and Mortality rounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	There is a sufficient number of pathologists, pathology assistants, technologists etc. to ensure a balance of service to education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	<b>The total resident teaching time/week accounts for at least 20 % of total working hours:</b>			
	• Sign-out session teaching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Journal club	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• CPC Meetings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Case presentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• CMEs/Seminars	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Audit meetings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Progression of residents through the residency program is supported, fair, and transparent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	The residency program has policies to address residents who are not progressing as expected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Administrative personnel are valued and supported in the delivery and coordination of the residency program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	There is an established system for evaluating the faculty/staff by the residents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	<b>CONTINUOUS IMPROVEMENT</b>			
37	There is an establish process to guarantee continuous improvement of the training experience of residents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>