

Arab Board of Pathology

Accreditation for Residency Programs in Clinical Pathology

Objectives of Clinical Pathology Program Training Standards

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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 clinical pathology
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

No	EVALUATION ITEM	Yes	No	NA
A	TRAINING CENTER:			
1	The department of laboratory medicine is administered by a certified physician in Laboratory Medicine/Pathology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The training center is licensed to provide diagnostic clinical pathology services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	The training center is located in/affiliated with one/more hospital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Associated/Affiliated hospitals have other clinical disciplines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B	PROGRAM ORGANIZATION:			
5	There is an organizational structure to support the residency program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	There is a residency program committee which supports the program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	The residency program committee manages the residency program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	The residency program committee meetings are sufficient to fulfil its mandate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	EDUCATIONAL/TRAINING PROGRAM:			
9	Education/training program extends over a period of at least 4 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	The training program intends to prepare residents for independent practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	The training program is time-based and is organized around educational objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Education/training program is competency-based and is organized around competencies required for practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Educational outcomes/objectives/competencies are clearly defined for each stage/year of training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	There is a Resident Manual detailing laboratory process, procedures and stages and expectations for the entire residency period	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Residents perform clinicopathological correlations under the direct supervision of a laboratory physician	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Residents participate in clinical consultations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Residents receive direct instruction by qualified clinical pathologists/ clinical scientists during/for:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Preanalytical phase of testing</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Analytical phase of testing (including interpretation of microscopic examination)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Postanalytical phase of testing</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Completing a diagnostic final report</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Residents are provided with opportunities to learn the principles of techniques, interpretation, and application of the following disciplines:			
	• <i>Clinical Chemistry and Toxicology</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Hematology and Coagulation</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Clinical Microbiology</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Blood Bank and Transfusion Medicine</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Molecular Diagnostics</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Cytogenetics</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Flow cytometry</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Clinical Immunology and Serology</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Hematopathology</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Residents receive instruction in the principles of the administration and management of a clinical pathology service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Residents are encouraged/trained/actively involved in research:			
	• Research work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Evidence-based presentations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• Preparation/submission of articles for publication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No	EVALUATION ITEM	Yes	No	NA
21	Residents receive teaching in structured reporting of clinical pathology cases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Residents receive teaching in laboratory management (quality assurance, laboratory safety, workload management)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	There is an established system for resident performance assessment:			
	• <i>Competency-based evaluation (CBE)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Direct observation of practical skills (DABS)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>In-training/service assessment (e.g. RISE, RITE)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>End-of-year/rotation assessment</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>End-of-training certification examination</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Work-based assessment (WBA)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Black Box Slide Session/Unknown slide Session</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>MOCK Exam</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Logbook, Portfolio</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Other: Specify:</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	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"/>
25	Residents with unsatisfactory progress are given support and opportunity to improve their performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Residents are fully protected against pressure to work after working hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	RESOURCES:			
27	The diversity and volume of specimens are sufficient to support training in all disciplines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Residency program has access to external clinical pathology consultation services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Residents have an adequate training and working environment including:			
	• <i>Safety conditions</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Adequate office space</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Individual light microscope of adequate quality</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Personal computer, Personal digital assistant (PDA)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Access to dictation, reporting, and transcription services</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Access to Updated clinical pathology references</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Access to computer-based literature review services</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	• <i>Access to internet service</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

