

MEDICAL BIOCHEMISTRY

Reference No:
Name and Identification No:
Evaluation covering the last
year as a Resident:
Address:

In the view of the Residency Program Committee, this resident has acquired the competencies of the specialty/subspecialty as prescribed in the Objectives of Training and is competent to practice as a specialist. **YES**
 NO

The following sources of information were used for this evaluation:

- | | |
|--|---|
| <input type="checkbox"/> written examinations | <input type="checkbox"/> oral examinations |
| <input type="checkbox"/> clinical observations (e.g. ITERs) from faculty | <input type="checkbox"/> Structured Assessment of a Clinical Encounter (STACER) |
| <input type="checkbox"/> feedback from health care professionals | <input type="checkbox"/> OSCEs |
| <input type="checkbox"/> completion of a scholarly project | <input type="checkbox"/> other evaluations _____ |

COMMENTS

Date	Name of Program Director/Assessor for CCR	Signature
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Date	Name of Postgraduate Dean/ Assessor for CCR	Signature
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Date	Name of Resident	Signature
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This is to attest that I have read this document.

Identification number: _____

RESIDENT'S COMMENTS:

Note: If during the period from the date of signature of this document to the completion of training, the Residency Program Committee judges that the candidate's demonstration of competence is inconsistent with the present evaluation, it may declare the document null and void and replace it with an updated FITER. Eligibility for the examination would be dependant on the updated FITER.

MEDICAL BIOCHEMISTRY FITER (2013)

(Please read the attached Explanatory Notes before completing this report)

A rationale must be provided to support ratings with asterisks.	EXPECTATIONS				
	* Rarely meets	* Inconsistently meets	Generally meets	Sometimes exceeds	* Consistently exceeds
MEDICAL EXPERT					
a. Demonstrates expertise in the basic scientific knowledge relevant to Medical Biochemistry					
b. Demonstrates expertise in the clinical knowledge relevant to Medical Biochemistry					
c. Demonstrates the general ability to assess clinical biochemistry laboratory results relevant to Medical Biochemistry					
d. Elicits complete medical history and performs focused physical examination that is relevant and accurate					
e. Integrates all the pertinent information to arrive at complete and adequate medical decisions where appropriate					
f. Performs a consultation effectively, including presentation of well documented assessments and recommendations in written and/or verbal form in response to a request from another health care professional					
g. Summarizes clinical and laboratory information regarding a clinical case in response to a medico legal request for information					
h. Describes the processes in place at a given institution to ensure that patient samples are obtained and utilized in accordance with patient consent					
i. Recognizes the significance of and manages critical values and emergency conditions resulting in prompt and appropriate treatment. Remains calm, acts in a timely manner and prioritizes correctly					
j. Describe pre-analytical, analytical and post-analytical aspects in the production and interpretation of clinical biochemistry laboratory results					
k. Describes the principles and limitations of clinical biochemistry laboratory methods and instrumentation in Medical Biochemistry					
l. Describes the criteria for selecting and implementing new clinical biochemistry laboratory procedures and establishing reference ranges					

MEDICAL BIOCHEMISTRY FITER (2013)

Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.

SAMPLE

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	* Rarely meets	* Inconsistently meets	Generally meets	Sometimes exceeds	* Consistently exceeds
PROCEDURES AND CLINICAL SKILLS					
Demonstrates the ability to perform the following procedures described in the Medical Expert of the Objectives of Training in Medical Biochemistry					
a. Interprets the results of clinical biochemistry laboratory methods including but not limited to protein electrophoresis, immunofixation, HPLC, and molecular diagnostic methods					
b. Performs accurate basic microscopic analysis of urine, synovial fluid and other body fluids					
Minimizes risks and discomforts to the patient					
Overall is proficient in clinical and procedural skills relevant to Medical Biochemistry					
<p>Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.</p>					

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<p>COMMUNICATOR</p>					
<p>a. Establishes therapeutic relationships with patients, families and communicates well with other health professionals</p>					
<p>b. Provides clear and thorough explanations of diagnosis, investigation and management to patients, family and other health providers</p>					
<p>c. Prepares written documentation that is accurate and timely</p>					
<p>d. Communicates oral information clearly and effectively</p>					
<p>e. Produces accurate and timely reports for the clinical biochemistry laboratory methods requiring interpretation, including but not limited to protein electrophoresis, immunofixation, HPLC, and molecular diagnostic methods</p>					
<p>Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.</p>					

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COLLABORATOR					
a. Collaborates with health professionals by recognizing and acknowledging their roles and expertise					
b. Consults and delegates effectively					
c. Works well with other members of the team to plan, provide and integrate care					
d. Works well with clinical biochemistry laboratory personnel, listens to their needs, and helps them develop and maintain their competencies					
e. Establishes good relationships with peers and other health professionals					
f. Provides and receives information effectively					
g. Resolves conflict situations effectively					
<p>Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.</p>					

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<p>MANAGER</p>					
<p>a. Demonstrates leadership in clinical biochemistry laboratory conduct and operations</p>					
<p>b. Makes cost effective use of health care resources based on best evidence and best practices</p>					
<p>c. Complies with local legal and accreditation requirements</p>					
<p>d. Sets realistic priorities and uses time effectively in order to optimize professional performance</p>					
<p>e. Demonstrates and applies the principles of practice management</p>					
<p>f. Practices safety procedures in the clinical biochemistry laboratory in order to minimize occupational risk</p>					
<p>g. Demonstrates an effective level of knowledge and understanding of clinical biochemistry laboratory procedures and organisation in Medical Biochemistry</p>					
<p>h. Demonstrates the ability to develop and apply effective total quality assurance programs in the clinical biochemistry laboratory</p>					
<p>i. Demonstrates the ability to use clinical biochemistry laboratory database and statistical software for the surveillance and evaluation of clinical biochemistry laboratory procedures</p>					
<p>j. Demonstrates the ability to assess the performance characteristics of a clinical biochemistry laboratory method</p>					
<p>k. Demonstrates the ability to set up internal and external quality programs and provide proper interpretation</p>					
<p>l. Demonstrates the ability to develop effective plans to troubleshoot problems in the lab in a timely manner</p>					
<p>m. Develops clinical biochemistry laboratory policies and procedures that are clear and comprehensive</p>					
<p>n. Assists clinicians in the efficient selection of clinical biochemistry laboratory tests in various clinical conditions</p>					

MEDICAL BIOCHEMISTRY FITER (2013)

<p>o. Describes the legal requirements for maintenance of clinical biochemistry laboratory patient reports and documentation of clinical biochemistry laboratory procedures, including procedures related to quality control and quality assurance programs</p>					
<p>p. Maintains appropriate documentation of clinical biochemistry laboratory patient reports, clinical biochemistry laboratory procedures and quality assurance programs</p>					

Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.

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	* Rarely meets	* Inconsistently meets	Generally meets	Sometimes exceeds	* Consistently exceeds
HEALTH ADVOCATE					
a. Identify the determinants of health for the populations that they serve					
b. Identifies opportunities for advocacy, health promotion and disease prevention with individuals to whom they provide care					
c. Identifies opportunities for advocacy, health promotion and disease prevention in the communities that they serve, and responds appropriately					
d. Promotes the use of appropriate testing, including the application of evidence based clinical biochemistry laboratory medicine data and guidelines					
e. Provides proper information to clinicians about critical values observed in the clinical biochemistry laboratory, in a timely manner					
f. Describes the principles and use of clinical biochemistry laboratory testing for mass screening					
<p>Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.</p>					

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SCHOLAR					
a. Demonstrates a commitment to the need for continuous learning. Develops and implements an ongoing and effective personal learning strategy					
b. Critically evaluates medical information and its sources and applies appropriately to practice decisions					
c. Demonstrates the ability to search databases to gather pertinent information on lab methods, interferences, clinical biochemistry laboratory utilization, guidelines					
d. Integrates information from a variety of sources					
e. Helps others learn by providing guidance, teaching and by giving constructive feedback					
f. Demonstrates effective lecture or presentation abilities					
Completes and disseminates the findings of a scholarly project successfully, in any of the following areas: research, method development, clinical and/or clinical biochemistry laboratory audit, education or ethical issues in clinical biochemistry laboratory medicine/research, or clinical biochemistry laboratory quality management	<input type="checkbox"/> Yes		<input type="checkbox"/> No		
Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.					

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PROFESSIONAL					
a. Demonstrates integrity, honesty, compassion and respect for diversity					
b. Fulfills medical, legal and professional obligations of the specialist					
c. Demonstrates a commitment to their patients and society through ethical practice					
d. Meets deadlines, is punctual					
e. Recognizes the principles and limits of patient confidentiality as defined by professional practice standards and the law					
f. Describes the principles of ethics and applies these in clinical situations					
g. Demonstrates an awareness of own limitations, seeking advice when necessary. Accepts advice graciously					
<p>Please comment on the strengths and weaknesses of the candidate and provide a rationale for your ratings. Make direct reference to the specific objectives and give specific examples wherever possible.</p>					