**New Application: Chemical Pathology**

**Review Committee for Pathology**

**ACGME**

**Oversight**

**Resources**

1. Describe the office space, meeting rooms, and laboratory space available to support patient care-related teaching, educational, research activities, and clinical service work. [PR 1.8.b.]

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1. Provide the following information for each major laboratory section that will participate in the program. Duplicate table as necessary. [PRs 1.8.b.; 1.8.d.]

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| Laboratory Name | | Click or tap here to enter text. | |
| Site # | | Click or tap here to enter text. | |
| Laboratory Director and Degree | | Click or tap here to enter text. | |
| Person responsible for chemical pathology education and degree | | Click or tap here to enter text. | |
| List the 25 most common determinations (panels should be listed as one procedure) performed in the laboratory during a recent 12-month period: | **Description of Procedure** | | **Annual # of Procedures** |
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| What 10 determinations are most often sent from this laboratory to outside laboratories? | **Description of Procedure** | | **Annual # of Procedures** |
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| Briefly describe the role of this laboratory in the chemical pathology program, and the fellows’ role in the integration of this data in the care of patients. | Click or tap here to enter text. | | |

1. Will the laboratories perform all tests required for the education of fellows and/or provide access to the results of reference laboratory tests that are not performed at the primary clinical site and participating sites?   
   [PR 1.8.d.]  YES  NO

If “NO”, explain.

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**Other Learners and Health Care Personnel**

1. Provide the following information for other educational programs (e.g., other GME programs from this and other sites, residency/fellowship programs for medical technologists, masters and doctoral programs, or post-doctoral programs for clinical scientists) that use program facilities for educational experiences in pathology. Add additional rows as necessary. [PR 1.11]

| **Name of Site and Type of Program** | **Length of rotation**  **(in weeks)** | **Maximum number of learners per year** | **Maximum number of learners present at the same time** |
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**Personnel**

**Other Program Personnel**

Briefly describe the qualified laboratory technical personnel that will provide support for the clinical, teaching, educational, and research activities of the fellowship. [PR 2.12.a.] (Limit response to 400 words)

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**Educational Program**

**ACGME Competencies**

**Patient Care and Procedural Skills**

1. Indicate the settings and activities in which residents will demonstrate competence in the following. Also indicate the method(s) that will be used to assess competence. [PRs 4.4.;5.1.b.]

| **Competency Area** | **Settings/Activities** | **Assessment Method(s)** |
| --- | --- | --- |
| Advising clinicians on the selection, instrumentation and methodology, and interpretation of clinical chemistry tests (as they apply to all body systems), including tests sent to a reference laboratory facility. These must include the following analytes and specimens:  [PR 4.4.a.] | Click here to enter text. | Click here to enter text. |
| Amino acids, peptides, and proteins | Click here to enter text. | Click here to enter text. |
| Bilirubin, hemoglobin, iron, and porphyrins | Click here to enter text. | Click here to enter text. |
| Blood, cerebrospinal fluid, plasma, serum, and other bodily fluids | Click here to enter text. | Click here to enter text. |
| carbohydrates | Click here to enter text. | Click here to enter text. |
| Cardiac, liver, and kidney function tests | Click here to enter text. | Click here to enter text. |
| Clinical toxicology, therapeutic drugs, and toxic elements | Click here to enter text. | Click here to enter text. |
| Electrolytes and blood gases | Click here to enter text. | Click here to enter text. |
| Hormones | Click here to enter text. | Click here to enter text. |
| Infectious disease tests, (e.g., for Epstein-Barr virus, herpes simplex virus, HIV, and viral hepatitis) | Click here to enter text. | Click here to enter text. |
| Lipids, lipoproteins, and apolipoproteins | Click here to enter text. | Click here to enter text. |
| Metabolites associated with metabolic diseases | Click here to enter text. | Click here to enter text. |
| Molecular diagnostics for genetics, tumor genomics, and microbiology | Click here to enter text. | Click here to enter text. |
| Serum and erythrocyte enzymes | Click here to enter text. | Click here to enter text. |
| Tumor markers | Click here to enter text. | Click here to enter text. |
| Vitamins | Click here to enter text. | Click here to enter text. |

**Medical Knowledge**

1. Indicate the activities (lectures, conferences, journal clubs, clinical teaching rounds, etc.) in which fellows will demonstrate expertise in all areas of chemical pathology necessary to achieve competence in patient care. [PR 4.6.a.]

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**Practice-based Learning and Improvement**

1. Briefly describe one planned quality improvement activity or project that will allow fellows to demonstrate an ability to evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care. [PR 4.7.] (Limit response to 400 words)

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**Interpersonal and Communication Skills**

1. Briefly describe one learning activity in which fellows demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. [PR 4.8.] (Limit response to 400 words)

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**Systems-based Practice**

1. Describe the learning activity(ies) through which fellows demonstrate an awareness of and responsiveness to the larger context and system of health care , including the structural and social determinants of health. [PR 4.9.](Limit response to 400 words)

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**Curriculum Organization and Fellow Experiences**

1. Outline how educational activities will include graduated responsibility, including independent diagnosis and decision-making. [PR 4.11.b.] (Limit response to 400 words)

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1. Describe the clinical experience for fellows in all aspects of chemical pathology. Outline the educational activities specific to chemical pathology, review of the medical literature in the subspecialty area, and use of study sets of unusual cases. [PR 4.11.d.]

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1. List the planned conference schedule for fellows. Add additional rows as necessary. [PR 4.11.e.]

| **Name of Conference** | **Frequency** | **Responsible Department** | **Required? (Yes/No)** | **Attendance Taken? (Yes/No)** |
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1. Describe fellow participation in these conferences. How much responsibility will they have for their preparation and presentation? [PR 4.11.e.1.]

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