



## King Faisal Specialist Hospital and Research Centre

### BREAST AND GYNECOLOGIC PATHOLOGY FELLOWSHIP TRAINING PROGRAM

#### Department of Pathology & Laboratory Medicine

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## **I. INTRODUCTION**

The Department of Pathology & Laboratory Medicine at King Faisal Specialist Hospital & Research Centre [General Organization] (KFSH&RC) offers a fellowship training program in Breast and Gynecologic Pathology.

## **II. GENERAL OBJECTIVES**

Breast and Gynecologic Pathology Fellowship Program is a two-year program which is designed to provide in-depth experience for physicians who completed their surgical pathology residency training program. The training emphasizes practical, academic and administrative aspects of anatomic pathology practice, in order to produce a fully qualified Anatomic Pathologist with broad exposure to the subspecialty of breast and gynecologic pathology. The program offers an opportunity to evaluate and learn from an exceptionally diverse amount of pathology material in different aspects of breast, and gynecologic pathology. Additionally the fellow will be provided professional supervision support and guidance for conducting one or more research projects.

## **III. SPECIFIC OBJECTIVES**

1. To provide a broad and in-depth exposure to diagnostic surgical pathology of breast and gynecologic pathology.
2. To enable fellows to function as Anatomic Pathologist with subspecialty training in breast and gynecologic pathology.
3. To enhance fellows' diagnostic skills and to increase their confidence in handling a wide variety of complex cases in breast and gynecologic pathology and increase in-depth understanding of different disease process.
4. Fellows will participate in frozen section examination and rendering diagnosis under the supervision of staff pathologist.
5. Fellows will learn integration of various ancillary studies such as immunohistochemistry, electron microscopy, flow cytometry and molecular pathology.
6. The fellow will have extensive emphasis on multi-disciplinary approach to specimen evaluation and will interact closely with breast and gynecologic surgeons, radiologists and oncologists in the evaluation of specimens as well as aspects of patient management.
7. The Fellow will have the chance to present cases at various clinico-pathologic conferences.
8. Fellows will assume responsibility for supervising and teaching residents.
9. Provide opportunities for collaborative research in subspecialty areas.

#### **IV. ADMISSION REQUIREMENTS**

Candidates must have completed residency training in Pathology. Applicants should possess a Saudi Specialty Certificate or must have at least passed the written examination and registered for the final parts. Other candidates must possess an equivalent certification.

Candidates must have successfully completed a personal interview by the members of the department. Three recent letters of recommendation and a sponsorship letter should be submitted.

#### **V. STRUCTURE OF TRAINING PROGRAM**

##### **A. Duration:**

The program is for two years. The first 6 months will be devoted to enhancing the fellows' knowledge and experience in general surgical pathology and cytopathology. This will be followed by a six month period in depth subspecialty training in the field of breast and gynecologic pathology. In the second year the Fellows will continue subspecialty training in the field of breast and gynecologic pathology. In addition he/she will be involved in planning and conducting a research project under the supervision of one of the faculty members.

##### **B. Training Capacity:**

One fellowship position will be available.

##### **C. Faculty Qualifications:**

There are two (2) consultants currently available in the section for supervising the fellowship training. Their qualifications include one or more of the following:

MD or MBBS - Graduate, Bachelor's Degree in Medicine and Surgery

FRCPA – Fellow, Royal College of Pathologists of Australasia

FCAP – Fellow, College of American Pathologists

FKSU-Path - Fellowship in King Saud University in Pathology

#### **VI. PROGRAM CONTENT**

##### ***Year 1 (6 months):***

Service responsibilities in surgical pathology, including grossing and reporting of frozen sections and microscopic review of cases before sign-out of biopsies, large specimens; and outside consultations with the attending pathologists. Perform and sign-out of fine needle aspiration biopsies as well as sign-out of non-gynecologic and gynecologic cytology. As the fellow progresses in training, he or she will be given the opportunity responsibility for independent signing out of cases with minimal supervision. The fellow will be involved in Quality Control (QC) and Quality Assurance (QA) evaluation.

**Year 1 (6 months):**

The Fellow will focus on the subspecialty of breast and gynecologic pathology. The fellow will be involved on every aspect of these services including sign-out of cases under the supervision of staff pathologist, teaching residents in pathology as well as those rotating from clinical specialties. He/she will also be responsible in organizing and presenting at weekly breast and gynecologic tumor boards.

**Year 2:**

The fellow will be asked to identify an area of interest in the field of breast and gynecologic pathology for planning organizing and conducting a research project. One or more faculty members will be assigned to oversee the project and to provide assistance and guidance in its execution. The fellows will be encouraged and guided in documenting their findings in the form of a manuscript for possible publication.

The fellow will continue to perform clinical duties in breast and gynecologic pathology.

The following rotations will be arranged during the second year.

- 2 weeks rotation in radiology of breast and gynecology
- 2 weeks rotation in gynecologic oncology
- 6 months rotation in outside institution with structured breast and gynecologic pathology subspecialty service inside the Kingdom (mainly King Abdulaziz Medical City) or overseas.

**VII. OVERVIEW OF DUTIES AND RESPONSIBILITIES OF FELLOWS:**

The Anatomic Pathology Section receives and process cases of all aspects of Breast and Gynecologic disease including neoplastic and non-neoplastic conditions.

- a. Number of breast cases: 600 cases per year (including biopsies, consultation cases and surgical excisions)
- b. Number of Gynecologic cases: 1000 cases per year (including biopsies, consultation cases and surgical excision)
- c. Fine needle aspiration procedure of all sites including breast (1500 cases per year as well as gynecologic cytology (4000 cases per year) and non-gynecologic cytology (2000 cases per year).

The cases cover all disease categories in breast and gynecologic pathology

- A. Breast Pathology
  - Inflammatory conditions i.e mastitis etc.
  - Benign epithelial proliferation and intraductal proliferative lesions
  - Neoplastic conditions, benign and different malignant lesions
  - Sentinel lymph nodes examination

**B. Gynecologic Pathology**

- Non-neoplastic endometrial pathology, ovaries, cervix, vagina and vulva
- Neoplastic lesions of ovaries, uterus, cervix, vagina and vulva
- Placental pathology

**C. Ancillary studies: Immunohistochemistry, molecular studies, cytogenetics including FISH (for HER-2).**

Fellows will be involved in grossing and frozen section examination as well as supervision of residents.

Slide pathology sessions are daily to sign out cases:

- Fellows will examine slides of all cases, generate report and sign the cases with subspecialty pathologist.

Fellows will be involved in presenting and discussing cases.

Clinico-pathological conferences (multi-disciplinary meetings)

- a. Breast tumor board: weekly every Wednesday
- b. Gynecologic Tumor: weekly every Sunday
- c. Daily departmental case review meeting

Fellows will present on rotational basis.

Section educational activities

- a. Journal Club Meeting every Saturday
- b. Pathology Case Presentation every Monday

**VIII. EVALUATION AND PROMOTION**

The fellow's level of competence and performance will be evaluated at a frequency determined by the Postgraduate Education Committee and in the manner as detailed in the Policy for Fellowship Training Program. A self-assessment examination covering the different topics in the subspecialty will be given at the end of the fellowship training program.

**IX. COMPLETION**

A certificate of fellowship training at KFSH&RC will be awarded upon satisfactory completion of the requirements of the program.

**X. DUTIES, LEAVES & HOLIDAYS**

Regulations governing duties, leaves and holidays are as stipulated in the Policy for Fellowship Training Program

## **BREAST AND GYNECOLOGIC PATHOLOGY FELLOWSHIP TRAINING PROGRAM**

**Recommended:**

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**Hadeel Al Mana, MD**  
Program Director  
Pathology & Laboratory Medicine

**Recommended:**

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**Fouad Al Dayel, MD, FRCPA, FRCPath**  
Chairman  
Pathology & Laboratory Medicine

**Recommended:**

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**Saud Al Shanafey, MD**  
Deputy Executive Director  
Academic & Training Affairs

**Approved:**

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**Abdulrahman Alrajhi, MD, MPH**  
Executive Director  
Academic & Training Affairs