

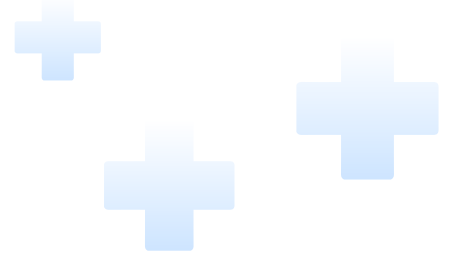


UCSI Hospital

SPRINGHILL, LUKUT.

YOUR HEALTH COMES FIRST

BREAST AND ENDOCRINE FELLOWSHIP CURRICULUM



The Breast and Endocrine Surgery Fellowship Programme at UCSI Hospital, under the esteemed mentorship of Tan Sri Noor Hisham, offers a comprehensive, hands-on learning experience for aspiring surgeons. This specialized fellowship provides advanced training in the management of breast and endocrine disorders, focusing on both surgical techniques and multidisciplinary care approaches. Fellows will gain exposure to a wide range of clinical cases, from early detection and treatment to post-operative care and patient management, all while working closely with Tan Sri Noor Hisham, a renowned expert in the field. In addition to surgical training, fellows will be mentored to complete two publications under the guidance of research experts, enhancing their academic credentials and contributing to the advancement of the field. This program is designed to equip fellows with the skills and knowledge necessary to become leaders in breast and endocrine surgery, with a strong emphasis on academic growth, innovation, and patient-centered care.



Learning Objectives for the Fellowship Programme

PATIENT CARE

- Deliver compassionate and effective care for both benign and malignant breast and endocrine diseases in clinical, surgical, and emergency settings.

MEDICAL AND SURGICAL KNOWLEDGE

- Understand the pathophysiology, epidemiology, and pathology of breast and endocrine diseases.
- Master technical procedures related to breast and endocrine surgery for optimal patient outcomes.

PRACTICE-BASED LEARNING

- Integrate feedback to improve patient care and demonstrate commitment to continuous learning.
- Actively participate in multidisciplinary conferences, tumor boards, and departmental discussions to enhance treatment planning and execution.

INTERPERSONAL AND COMMUNICATION SKILLS

- Communicate complex medical information clearly and empathetically to patients and families.
- Collaborate effectively with a multidisciplinary team, ensuring accurate documentation and care coordination.

PROFESSIONALISM

- Exhibit respect, compassion, and ethical behavior while addressing diverse patient needs.
- Uphold high standards of accountability and commitment to long-term patient care, particularly for cancer patients.

SYSTEMS-BASED PRACTICE

- Utilize community resources effectively and collaborate on projects that enhance the patient care experience.
- Work closely with stakeholders to improve healthcare delivery.



Programme Curriculum

The syllabus of the Breast and Endocrine Surgery Fellowship Programme at UCSI Hospital is designed to provide fellows with a thorough understanding of the key aspects of breast and endocrine surgery. It covers foundational knowledge in embryology, anatomy, physiology, and pathology, essential for accurate diagnosis and effective surgical management of the breast and endocrine glands, including the thyroid, parathyroid, adrenals, and pancreas. Fellows will delve into advanced topics such as screening, diagnostic evaluation, and interpretation of results, ensuring they are equipped to assess and manage complex cases. The curriculum emphasizes the integration of clinical and diagnostic skills with cutting-edge surgical techniques to provide comprehensive care in both benign and malignant conditions of the breast and endocrine systems.

TOPICS COVERED	DETAILS
BREAST	BENIGN BREAST DISEASE Fibroadenoma, Fibrocystic Disease, Fibro adenosis, Mastalgia, Phyllodes, Gynecomastia, Acute Mastitis, Chronic granulomatous mastitis, Nipple disorders and reduction or augmentation mammoplasty. MALIGNANT BREAST DISEASE Early and locally advanced carcinoma breast, Paget's disease of breast, Diagnosis, Surgical, Chemotherapeutic and Radiotherapy Management, Systemic Therapy and Immunotherapy.
THYROID	Benign, Toxic goitres, Thyroiditis, Malignant lesions, Lymph node dissection in thyroid malignancy, Management of retrosternal goitre.
PARATHYROID	Primary Hyperparathyroidism, Secondary and Tertiary Hyperparathyroidism, Familial Hyperparathyroidism, MEN syndrome.
ADRENAL	Conn's Adenoma, Cushing Syndrome, Pheochromocytoma, Adrenocortical Carcinoma, Adrenal myelolipoma, Teratoma, Granulomatous adrenal lesions.
ENDOCRINE PANCREATIC DISORDERS	Insulinoma, Gastrinoma, VIPOMA, and other neuroendocrine disorders.



Surgical Clinics

Fellows will attend clinics 2-3 times a week, focusing on diagnosing and managing both benign and malignant breast and endocrine disorders. This hands-on experience provides opportunities to interact with patients, refine diagnostic skills, and create treatment plans under the guidance of senior consultants.

Ward Rounds

Fellows will participate in daily ward rounds, working closely with consultants and the multidisciplinary team. These rounds provide hands-on experience in patient management, postoperative care, and the discussion of complex cases. This activity fosters critical decision-making and comprehensive patient care strategies.

Research Training

Fellows will engage in clinical research throughout the programme. They will design and implement clinical protocols with the support of supervisors, PhD scholars, and research assistants. Training includes data collection, statistical analysis, manuscript preparation, and publication. Fellows are expected to achieve at least two scholarly outputs, such as research studies, case reports, or poster presentations at conferences.

Lectures

Fellows will attend lectures which may include clinical work from other discipline experts related to Breast and Endocrine Surgery. These include sessions with:

- **Radiologists** to enhance imaging interpretation skills.
- **Oncologists** to deepen understanding of multidisciplinary cancer management.
- **Pathologists** to correlate clinical findings with histopathological results.
- **Psychiatrists** to address the psychological impact of breast and endocrine diseases on patients.

Operation Theatre Experience

Fellows who have obtained a practising certificate will assist in surgeries twice a week, gaining direct exposure to procedures such as breast-conserving surgery, mastectomies, thyroidectomies, and minimally invasive endocrine surgeries. This provides essential skills for surgical management and fosters technical expertise. Those who are unable to obtain the valid practising certificate will observe the surgeries.

Breast & Endocrine Surgery Conference And Journal Club Presentations

Fellows are expected to participate in weekly breast and endocrine surgery conferences. Scholarly activities, including the presentation of interesting cases and the latest research publications, are integral to this component, encouraging critical thinking and evidence-based practice.

Teaching Opportunities

Fellows will have opportunities to mentor and teach rotating residents and medical students. They will receive a temporary academic appointment as a tutor at the Faculty of Medicine and Health Sciences, UCSI University. This enhances their teaching and leadership skills, contributing to the academic mission of the institution.

Networking

Fellows will participate in events and activities designed to expand their professional network. Collaborations with multidisciplinary teams, interactions with international experts, and attendance at professional conferences will provide avenues for career growth and exposure to global best practices.

Contact **Dr Deepali Sharma**, deepali@ucsihospital.com (WhatsApp +6012-218 5813) or email fellowship@ucsihospital.com for further information.