جامعة الدمام
UNIVERSITY OF DAMMAM

WAYNE STATE
School of Medicine

UNIVERSITY OF DAMMAM & WAYNE STATE UNIVERSITY
CONFERENCE ON

CLINICAL, PATHOLOGIC & MOLECULAR MEDICINE

PROGRAM OUTLINE

PRE-CONFERENCE Pathology Activities

SUNDAY, 15 FEBRUARY AGENDA

7:00 AM – 8:00 AM	Registration
8:00 AM – 11:30 AM	**Short Course I:Neoplastic Pathology and Molecular Markers of the Genitourinary System** **Course Director:** Wael Sakr, MD., Wayne State University **Course Description:** This course will review the latest advances in the diagnosis, classification and role of molecular markers in the engagement of tumors of the genitourinary system including the kidney, urinary bladder and prostate.
11:30 AM – 12:30 PM	Lunch Break
12:30 PM – 3:30 PM	**Short Course II: Current Issues in the Pathology of the Female Reproductive System** **Course Director:** Rouba Ali-Fehmi, MD., Wayne State University **Course Description:** This course offers recent updates in the pathology of challenging areas of the uterus, endometrium, cervix and ovary.
4:00 PM – 5:00 PM	**Interactive Presentation: Pathology of Germ Cell Tumors** **Course Description:** This interactive presentation will review practical aspects of the pathology of ovarian, testicular and extra-gonadal germ cell tumors.
5:30 PM – 6:45 PM	**USCAP Style Evening Case Presentation and Discussion I** **Course Description:** This academic activity will present a blend of interesting cases from different organ systems representing contemporary diagnostic considerations. Brief clinical history and digitized images of the cases will be made available to all participants well in advance.

MONDAY, 16 FEBRUARY AGENDA

7:00 AM – 8:00 AM	Registration
8:00 AM – 11:30 AM	**Short Course III: Hematopathology: Contemporary Issues in the Diagnosis and Classification of Leukemia, Lymphoma and Myelodysplastic Diseases** **Course Directors:** Ali Gabali, MD., Wayne State University Yasser Osman, MD., University of Dammam **Course Description:** This course will review current classifications of the major disorders of the hematopoietic system with emphasis on the role of flow cytometry and molecular markers in the diagnosis and management.
11:30 AM – 12:30 PM	Lunch Break
12:30 PM – 2:30 PM	**Hot Topics in Pathology I: Gastrointestinal Pathology: From Barrett's Esophagus to Inflammatory Bowel Disease** **Course Directors:** Vinod Shidham, MD., Wayne State University Mohamed Al-Shawarby, MD., University of Dammam **Course Description:** This session will offer focused presentations on the diagnostic implications and utility of biopsies of segments of the gastrointestinal tract as well as a review of currently utilized molecular markers of gastrointestinal tumors.
3:00 PM – 4:30 PM	**Hot Topics in Pathology II: Dermatopathology** **Course Director:** Andrew Thompson, MD., Wayne State University **Course Description:** This session will cover more common and clinically relevant inflammatory skin conditions with a review of skin adnexal tumors and the approach to classify and report melanocytic lesions.
5:00 PM – 6:15 PM	**USCAP Style Evening Case Presentation and Discussion II** **Course Description:** This academic activity will offer a second set of more challenging cases for presentation and brief discussion. Brief clinical history and digitized images of the cases will be made available to all participants well in advance.

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TUESDAY, 17 FEBRUARY AGENDA

7:00 AM – 8:00 AM	Registration
8:00 AM – 9:00 AM	Opening Ceremony & Orientation for the Structure of Multi-Disciplinary Conference Prof. Dr. Dalal Al Tamimi and Prof. Dr. Wael A. Sakr
9:30 AM – 11:30 AM	Scientific Session I: Management of Gynecological Malignancies - I **Session Presenters:** Rouba Ali Fehmi MD., Wayne State University Robert Morris MD., Wayne State University Adnan Munkarah MD., Wayne State University **Session Description:** The presenters of the scientific sessions I & II will share with participants the contemporary approaches to evaluate patients with a variety of neoplastic conditions of the uterus and endometrium, cervix, ovary and vulva. This will include discussions on presenting symptoms, diagnostics work-up including imaging, pathology and bio-markers. The main presentations will focus on the clinical and surgical management following the diagnosis. These will be focused talks by the gynecologist and oncologist who will address topics such as the minimally invasive and open surgery, surgical staging and lymph node sampling and dissection and the role of neu adjuvant and adjuvant chemotherapy for tumors of the female reproductive tract.
11:30 AM – 12:30 PM	Lunch Break
12:30 PM – 3:00 PM	Scientific Session II: Management of Gynecological Malignancies - II

3:30 PM – 5:00 PM	**Scientific Session III: Multidisciplinary Management of Head and Neck and Thyroid Tumors** **Session Presenters:** John Jacobs MD., Wayne State University Wael Sakr MD., Wayne State University Hassan Albisher MD., University of Dammam **Session Description:** There is a wide spectrum for the clinical and pathological manifestations of squamous neoplasia of the upper aerodigestive tract. Added recently is the more recognized role for the HPV related viral etiology and biology of subset of these tumors. The present scientific session will focus on the different scenarios by which patients with squamous tumors of the oral cavity, larynx and neck present by and the clinical approach for the diagnostic work-up and the sampling for pathology. A brief pathological discussion for the clinically relevant diagnostic features and applicable bio-markers will be presented followed by the surgical, medical and radiation oncology approach most suitable to the specific histology, location and stage of these tumors. Similarly, the integrated management of thyroid diseases with input from imaging and radiology, endocrinology, pathology and surgery will be discussed for the more common lesions. The role of fine needle aspiration and frozen section will be briefly presented. This session will lay emphasis on the surgical techniques including the extent of resection of primary tumor, lymph node sampling, dissection for staging and management and frozen section control of resection margins.

WEDNESDAY, 18 FEBRUARY AGENDA

8:00 AM – 11:30 AM	**Scientific Session IV: Management of Gastrointestinal Malignancies** **Session Presenters:** Donald Weaver MD., Wayne State University Philip Philip MD., Wayne State University Vinod Shidham MD., Wayne State University Moneer Alrefaee MD., University of Dammam Hanan AlGhamdi MD., University of Dammam **Session Description:** This scientific session will address the diagnosis and treatment of squamous and adenocarcinoma of the upper and lower esophagus including the management of Barrett's esophagus with dysplasia. It will also cover the classification of gastric tumors, adenocarcinoma and GIST and discuss the morphological variables and bio-markers currently utilized to better predict prognosis and guide treatment. We also plan to cover recent advances in the management of primary and metastatic colonic cancer with emphasis on surgical and pathological staging as well as the role of molecular markers in managing the disease.
11:30 AM – 12:30 PM	**Lunch Break**
12:30 PM – 2:00 PM	**Scientific Session V: Medical & Surgical management of Hepatic & Pancreatic lesions** **Session Presenters:** Donald Weaver MD., Wayne State University Philip Philip MD., Wayne State University Vinod Shidham MD., Wayne State University Moneer Alrefaee MD., University of Dammam Mona Ismail MD., University of Dammam Hanan AlGhamdi MD., University of Dammam **Session Description:** The presentations in this scientific session will focus on the symptomatology and diagnostic work-up of cysts and masses within the pancreas and the hepato-biliary system. State of the art approaches to manage primary and metastatic tumors of the liver and masses in different anatomic locations within the pancreas will be discussed.

2:30 PM – 6:00 PM	**Scientific Session VI: Accurate Classification & Modern Treatment of Leukemias & Lymphomas** **Session Presenters:** Ayad Al Katib MD., Wayne State University Ali Gabali MD., Wayne State University Anwar Mohamed MD., Wayne State University **Session Description:** The objective of this session is to review the widely variable clinical presentations of hematopoietic malignancies and provide a contemporary approach to the diagnostic modalities utilized to reach an accurate classification of Hodgkin's lymphoma and the growing categories of non-Hodgkin's lymphomas. Similarly, case discussions focused on highlighting the modern classification of leukemias and the collaborative roles of the pathologists and medical oncologists in the diagnosis and treatment of these malignancies will be offered. The diagnostic criteria, natural history and evolution of myelodysplastic syndrome as well as the contemporary management of this disease will be presented. Finally, an update on the role of bone marrow transplant in the management of hematopoietic and solid tumors will be discussed.

THURSDAY 19 FEBRUARY 2015

8:00 AM – 11:30 AM	**Scientific Session VII: Management of Genitourinary Tumors: Urinary Bladder & Prostate** **Session Presenter:** J. Edson Pontes MD., Wayne State University Wael A. Sakr MD., Wayne State University Ali Al-Zahrani MD., University of Dammam **Session Description:** This highly interactive session will highlight current concepts concerning screening and early detection of prostate cancer, the evolving biopsy strategies to maximize diagnostic yield and accuracy and the pathologic evaluation of cancer and pre-malignant lesions of the prostate. The clinical implications for the recent modifications to the Gleason Grading System will be discussed. We will also review the pathologist's role in providing the detailed information needed for the considerations of advising patients to consider active surveillance as a management option for newly diagnosed prostate cancer. Treatment modalities for early and advanced prostate cancer will be discussed including robotic surgery will be reviewed. In addition, this session will also address the diagnosis and management of early and muscle invasive urothelial carcinoma of the urinary bladder. Conservative management with intravescial therapy, partial and radical cystectomy will be discussed.
11:30 AM – 12:30 PM	**Lunch Break**
12:30 PM – 3:00 PM	**Scientific Session VIII: Management of Genitourinary Tumors: Kidney Neoplasm** **Session Presenter:** J. Edson Pontes MD., Wayne State University Wael A. Sakr MD., Wayne State University Ali Al-Zahrani MD., University of Dammam **Session Description:** There has been a remarkable increase in the frequency of incidentally discovered, image detected, smaller renal masses. These tumors pose significant controversy in terms of their management and follow up. Practical review of the role of imaging studies and fine needle aspiration to help characterizing these masses will be discussed along with a surgical discussion regarding partial and total nephrectomy.
3:30 PM – 4:00 PM	**Closing Remarks, Feedback & Suggestion**