JOSEPH “JAY” B. ZWISCHENBERGER, MD
Chair

The UK Department of Surgery provides a full range of surgical and consultative services and maintains an active referral service in support of the private practitioner. Subspecialty clinics are offered, along with a variety of interdisciplinary clinical programs, ensuring that all aspects of patient care related to each field of surgery are served. As a result of the high volume of complex cases treated at UK Chandler Hospital, the faculty brings outstanding expertise to both the routine and specialized surgical needs of patients. UK Chandler Hospital is known for innovative minimally invasive surgical techniques and state-of-the-art pain management.

DIVISIONS
• Cardiothoracic Surgery
• Dermatology
• General Surgery
  - Colorectal Surgery
  - Endocrine Surgery
  - Minimally Invasive Surgery
  - Surgical Oncology
  - Trauma and Acute Care Surgery
  - Vascular and Endovascular Surgery
• Pediatric Surgery
• Plastic Surgery
• Transplant Surgery

SERVICES
• Center for Advanced Training and Simulation

For current information, visit ukhealthcare.uky.edu
SIBU P. SAHA, MD, MBA, FACS
Chief

The Division of Cardiothoracic Surgery is dedicated and engaged in all areas of academic practice. Our surgeons are first and foremost committed to compassionate patient care which is reflected through excellent outcomes. They are internationally known and they are teachers passing on the art and science of medicine to medical students, residents and fellows. With highly trained physicians and supportive staff, the division’s number one mission is to provide the best care for all of our patients. We offer specific clinical programs and expertise is all areas of thoracic and cardiovascular surgery.

SPECIALTIES
- Adult congenital surgery
- Adult vascular surgery
- Ambulatory extracorporeal membrane oxygenation (ECMO)
- Arrhythmia surgery (MAZE)
- Beating heart operations
- Cardiac assist devices
- Complex, reoperative surgeries
- Coronary bypass surgery
- Endobronchial ultrasound biopsy (EBUS) for staging of lung cancer
- Endovascular procedures, including repair of aneurysms
- General thoracic surgery
- Heart and lung transplantation
- Heart failure
- Lung and esophageal surgery
- Lung cancer
- Major aortic surgery
- Minimally invasive approach to left atrial appendage (LAA) exclusion
- Minimally invasive MAZE procedure for treatment of atrial fibrillation
- Multiple modality treatment of resectable esophageal cancer
- Navigational bronchoscopy
- Perfusion-induced systemic hyperthermia for advanced lung cancer
- Peripheral vascular surgery
- Robotic (da Vinci®) surgery
- Robotic surgery for mediastinal tumor
- Severe respiratory failure
- Total artificial heart (TAH)
- Transcatheter aortic valve replacement (TAVR)
- Video-assisted thoracoscopic (VAT) esophageal surgery
- Ventricular restorative procedures
- Video-assisted lung surgery
CARDBITHORACIC SURGERY

CLINIC LOCATIONS

Gill Heart and Vascular Institute
UK Chandler Hospital, Pavilion G
First Floor, Room G100
1000 S. Limestone
Lexington KY 40536
Call 859-323-6494
Fax 859-278-4836

Cardiothoracic Surgery Clinic
Kentucky Clinic
Third Floor, Room L300
740 S. Limestone
Lexington KY 40536-0284
Call 859-323-6494 or 800-365-0955
Fax 859-257-9813

Kentucky Children’s Hospital Congenital Heart Clinic
Kentucky Clinic
Second Floor, Wing D, Room L203
740 S. Limestone
Lexington KY 40536-0284
Call 859-323-6754
Fax 859-323-3499

Multidisciplinary Lung Cancer Program
Markey Cancer Center
800 Rose St.
Lexington KY 40536
Call 859-257-5864 or 866-340-4488

UK Transplant Center
Kentucky Clinic
Third Floor, Wing D, Room J301
740 S. Limestone
Lexington KY 40536
Call 859-257-8562
Fax 859-323-1700

PHYSICIANS

Heart
James A. Quintessenza, MD
Hassan K. Reda, MD
Sibu P. Saha, MD, MBA, FACS
Alexis E. Shafii, MD
Michael E. Sekela, MD, FACS
Paul B. Tessmann, MD, PharmD
Theodore S. Wright, MD

Lung
Maher A. Baz, MD
Victor A. Ferraris, MD, PhD, FACS
Angela L. Mahan, MD
Jordan D. Miller, DO
Timothy W. Mullett, MD, FACS
Hassan K. Reda, MD
Alexis E. Shafii, MD
Joseph “Jay” B. Zwischenberger, MD, FACS

MAILING ADDRESS

Department of Surgery
Division of Cardiothoracic Surgery
Kentucky Clinic, A301
740 S. Limestone
Lexington KY 40536-0284

Ephraim McDowell
Commonwealth Cancer Center
520 Techwood Drive, Suite 100
Danville KY 40422
Call 859-323-6494

Rockcastle Regional Hospital and Respiratory Care Center
145 Newcomb Ave.
Mt. Vernon KY 40456
Call 866-940-4938

For current information, visit ukhealthcare.uky.edu

UK•MDs | 800-888-5533
STUART TOBIN, MD
Chief

The Division of Dermatology specializes in the clinical care of the largest organ in the human body—the skin. Our physicians offer extensive clinical expertise in the management of both common and rare skin diseases. UK Dermatology seeks to improve the quality of life for patients suffering from the pain, frustration and potential embarrassment that can be caused by skin disease.

**SPECIALTIES**
- Acne
- Autoimmune disorders
- Contact dermatitis
- Eczema
- Hair loss
- Moles and melanoma
- Nail disorders
- Pigment disorders
- Psoriasis
- Rashes
- Rosacea
- Skin cancer
- Skin growths
- Skin infections such as athlete's foot, ringworm, bacterial infections or herpes infections
- Viral rashes
- Warts

**SERVICES**
- Cryosurgery (freezing) of benign and precancerous lesions
- Destruction and excision of benign, premalignant and malignant skin lesions
- Minor cosmetic surgical procedures
- Skin cancer evaluation with surgical and nonsurgical therapies
- Surgical removal of moles and other benign skins growths

**Patch Testing**
Patch testing is a dermatological procedure used in patients with suspected allergic contact dermatitis. Patch testing typically requires several visits in one week.

**Pathology**
Dermatologist works closely with other specialties to provide a complete network of services for our patients. Surgically removed moles and cancerous growths are often sent for microscopic examination and consultation to ensure the most precise diagnosis and highest quality.
The Division of General Surgery provides all aspects of patient care related to each field of general surgery, including colorectal, endocrine, gastrointestional, minimally invasive, surgical oncology, vascular, trauma and critical care surgery.

**SECTIONS**
- Colorectal Surgery
- Endocrine Surgery
- Minimally Invasive Surgery
- Surgical Oncology
- Trauma and Acute Care Surgery
- Vascular and Endovascular Surgery

**SPECIALTIES**
- Adjunctive therapies for solid tumors
- Aortic aneurysm
- Biliary surgery
- Breast cancer
- Carotid artery disease
- Colorectal surgery
- Critical care
- Endocrine and neuroendocrine tumors
- Endovascular surgery
- Gastrointestinal endoscopy
- Gastrointestinal malignancies

**SERVICES**
- General Surgery Clinical Service

- Head and neck oncological surgery
- Hepatic and pancreatic surgery
- Inflammatory bowel disease
- Melanomas and soft tissue tumors
- Mesenteric ischemia
- Minimally invasive and laparoscopic surgery
- Rectal cancer
- Renovascular surgery
- Sarcoma, esophageal sarcoma, esophageal hepatopancreatic and gastrointestinal oncology
- Surgical nutrition
- Surgical oncology
- Trauma surgery
- Vascular surgery
- Venous reconstructive surgery

**PHYSICIAN REFERRAL**
Call UK•MDs 800-888-5533
Fax 859-257-6325

**CLINIC LOCATIONS**

**Comprehensive Breast Care Center**
Markey Cancer Center
Whitney-Hendrickson Building
Second Floor
800 Rose St.
Lexington KY 40536
Call 859-323-2222

**General Surgery Clinic**
Kentucky Clinic
First Floor, Wing D, L119
740 S. Limestone
Lexington KY 40536
Call 859-257-3253

**Multidisciplinary Clinic**
Markey Cancer Center
Whitney-Hendrickson Building
First Floor
800 Rose St.
Lexington KY 40536
Call 859-257-4489

**Surgical Specialties Clinic**
UK Good Samaritan
Medical Office Building
125 E. Maxwell St., Suite 302
Lexington KY 40508
Call 859-218-2774

**MAILING ADDRESS**
Department of Surgery
Division of General Surgery
UK Chandler Hospital, C224
800 Rose St.
Lexington KY 40536
SANDRA J. BECK, MD, FACS, FASCRS

Section Head

The Section of Colorectal Surgery at University of Kentucky is staffed by surgeons with expertise in diseases of the small bowel, colon, rectum and anus. Our surgeons are certified by the American Board of Colorectal Surgery and have advanced training in the treatment of colon and rectal cancer and inflammatory bowel disease with special concentration in minimally invasive surgery of the gastrointestinal tract.

Using advanced techniques, laparoscopic colorectal surgery is the preferred approach for colon and rectal cancer resection. This minimally invasive surgical option provides patients with faster return of bowel function, reduced postoperative pain, improved cosmetic results and has proven to be equivalent to traditional surgery in the treatment of colon cancer. The Section of Colorectal Surgery at University of Kentucky utilizes all modalities of minimally invasive surgery including laparoscopy, transanal endoscopic microsurgery and the da Vinci® robot.

SPECIALTIES

- Anorectal diseases
- Colonoscopy
- Colorectal cancer
- Complex perianal disease
- Crohn’s disease
- Diverticulitis
- Fecal incontinence
- Fissures
- Fistulas
- Hemorrhoids
- Inflammatory bowel disease
- J pouch surgery
- Laparoscopic colorectal surgery
- Rectal prolapse
- Sphincter-preserving surgery

PHYSICIANS

Sandra J. Beck, MD, FACS, FASCRS
Avinash S. Bhakta, MD
Jon Stuart Hourigan, MD
Jitesh A. Patel, MD, FACS

MAILING ADDRESS

Department of Surgery
Division of General Surgery
UK Chandler Hospital, C224
800 Rose St.
Lexington KY 40536

PATIENT APPOINTMENTS
Call 859-257-3253
Fax 859-323-1203
The Section of Endocrine Surgery is located at Good Samaritan Hospital. Our board certified team has clinical expertise in surgical diseases of the thyroid, parathyroid and adrenal glands. The UK HealthCare Endocrine Surgery Team is dedicated to the diagnosis, treatment and study of endocrine diseases.

**SPECIALTIES**
- Hyperparathyroidism (primary, secondary, tertiary and recurrent)
- Minimally invasive thyroid, parathyroid and adrenal surgery
- Surgical adrenal disease (pheochromocytoma, aldosteronoma)
- Surgical treatment of hyperthyroidism
- Symptomatic and retrosternal goiter
- Thyroid and parathyroid imaging and biopsy
- Thyroid cancer

**PHYSICIANS**
- Cortney Y. Lee, MD, FACS
- David A. Sloan, MD, FACS
GENERAL SURGERY
MINIMALLY INVASIVE SURGERY

J. SCOTT ROTH, MD
Section Head

The Minimally Invasive Surgery Section within the Division of General Surgery provides advanced surgical treatments for conditions involving the gastrointestinal tract, abdomen and abdominal wall. The surgeons are dedicated to providing state of the art procedures that allow for enhanced recovery, decreased hospital length of stay and improved outcomes. The Center for Advanced Training and Simulation (CATS) facilitates development of new technology and provides for simulated surgical training across all specialties.

The Minimally Invasive Surgery Team specializes in the diagnosis and treatment of abdominal diseases. Our surgeons have a vast array of experience in treating complex conditions of the esophagus and stomach, biliary tract, spleen, adrenal glands, pancreas, intestines and abdominal wall. Surgeons evaluate patients utilizing a multi-disciplinary approach through the Digestive Health Care Clinic and Markey Cancer Center.

SPECIALTIES
- Abdominal wall reconstruction
- Achalasia
- Cholecystectomy and biliary surgery
- Complex and revisional GI surgery
- Disorders of the stomach
  - Gastric tumors
  - Peptic ulcer disease
- Endocrine surgery
  - Adrenal and pancreas
- Hiatal hernia and GERD
- Surgery of the spleen
- Ventral, incisional & inguinal hernia

PHYSICIANS
Erik Q. Ballert, MD, FACS
William C. Cavatassi, MD, FACS
Melissa R. Newcomb, MD
J. Scott Roth, MD, FACS
The Section of Surgical Oncology is responsible for the care of patients requiring operative intervention for the treatment of cancer. Our surgeons and staff are involved with the care of patients at UK Chandler Hospital and the UK Markey Cancer Center. Surgical Oncology manages multidisciplinary clinics for breast disease, gastrointestinal (GI) malignancy and melanoma. The section is actively involved in research investigating cancer immunology, the role of biological response modifiers in the treatment of head and neck cancer, and translational research applying gene therapy to malignancies. For more information about our services, please visit ukhealthcare.uky.edu/surgery/onc.

PATIENT APPOINTMENTS
Call 859-218-2773
Fax 859-323-6727

SPECIALTIES
- Breast disease
- Gastrointestinal oncology
- GI cancer growth
- GI physiology and endocrinology
- Head and neck cancer
- Melanoma
- Molecular mechanisms of normal intestinal development
- Pancreatic cancer
- Sarcoma
- Skin cancer
- Surgical oncology
- Thyroid oncology
- Tumors of the pancreas

PHYSICIANS
Sean P. Dineen, MD, FACS
B. Mark Evers, MD, FACS
Emily F. Marcinkowski, MD
Patrick C. McGrath, MD, FACS
ANDREW C. BERNARD, MD, FACS
Section Head

The UK Chandler Hospital trauma program is an American College of Surgeons accredited Level 1 Trauma Center. Our Trauma Center is one of only three Level 1 centers serving the needs of Kentuckians. Our trauma center physicians, nurses and staff are committed to providing timely, excellent and cost-effective care for patients with complex, multi-system trauma or single system trauma requiring specialized surgical services. To find out more about our Level 1 Trauma Center, please visit ukhealthcare.uky.edu/trauma.

Trauma remains the leading cause of mortality and morbidity for individuals younger than 40 years of age. Organized trauma systems with specialized centers devoted to the evaluation and treatment of trauma are effective in reducing rates of death and disability associated with injury.

The surgical critical care service provides consultative services for surgical patients in the intensive care units, giving experience in hemodynamic monitoring, ventilator management, nutritional support, sepsis, and organ failure. The section is actively involved in cardiogenic, hemorrhagic and septic shock research, investigation of L-arginine metabolism after trauma, and lymphatic function in shock states.

SPECIALTIES
- Acute care surgery
- Gastrointestinal endoscopy
- General surgery
- Laparoscopic surgery
- Nutrition
- Surgical critical care
- Trauma surgery
- Virtual ICU
The UK HealthCare Vascular and Endovascular Surgery team offers a comprehensive array of treatment plans varying from conservative management of the causes and risk factors of vascular disease to complex open and endovascular approaches. The types of vascular problems addressed include, but are not limited to: thoracic and abdominal aneurysms, carotid disease, renal artery disease and lower extremity arterial insufficiency. The UK Vascular Surgery Vein Institute, located at UK Good Samaritan Hospital, provides comprehensive management of venous disorders. A Wound Care Clinic is also offered at Good Samaritan Hospital.

The vascular surgery team participates in the education of students, residents and fellows and offers learning opportunities for continuing medical education for physicians and other health care professionals.

The faculty is regionally, nationally and internationally recognized for their contributions to many clinical and basic science research projects that further our understanding of vascular conditions and help design better treatment for patients with these illnesses.

**SPECIALTIES**

- Ankle/brachial index (ABI) testing
- Aortic aneurysms
- Atherectomy
- Carotid artery disease
- Carotid stenting
- Diabetic ulcers
- Endovascular surgery
- Femoral aneurysms
- Hemodialysis access
- Ischemic nephropathy
- Lymphedema
- Mesenteric ischemia
- Occlusive disease
- Peripheral arterial disease
- Renal artery disease
- Renal stents
- Stents
- Varicose veins
- Vascular surgery
- Vein ablations
- Venous insufficiency
- Venous reconstructive surgery
- Venous stasis

**PHYSICIANS**

Joseph L. Bobadilla, MD, FACS
Eric D. Endean, MD, FACS
Amy L. Lipscomb, MD, FACS
David J. Minion, MD, FACS

Nathan T. Orr, MD
Mary B. Sheppard, MD
Eleftherios S. Xenos, MD, PhD, FACS, RVT
The Division of Pediatric Surgery provides diagnostic evaluation and treatment for neonates, infants, children and adolescents with congenital anomalies and acquired conditions of the head and neck, chest wall and thorax, abdomen, gastrointestinal tract, and extremities. Special services and facilities include a Neonatal Intensive Care Unit, a Level I Trauma Center and a Burn Center.

SERVICES
- Abdominal surgery
- Endoscopy
- Gastrointestinal surgery
- Head and neck surgery
- Hernias
- Minimally invasive surgery
- Newborn surgery
- Surgical oncology
- Thoracic surgery
- Trauma surgery

PHYSICIANS
- John Draus Jr., MD, FACS
- Joseph A. Iocono, MD, MBA, FACS
- Ana Ruzic, MD
- Sean C. Skinner, MD
PLASTIC SURGERY

HENRY C. VASCONEZ, MD, FACS
Chief, Division of Plastic Surgery
William S. Farish, Endowed Chair

The Division of Plastic Surgery provides evaluation and treatment for adult and pediatric patients who are candidates for reconstructive or aesthetic surgery. The faculty performs surgical treatment for congenital anomalies, breast deformities, upper and lower extremity problems, complex wounds, maxillofacial injuries, thermal burns, facial restoration and cosmetic enhancement.

At Kentucky Children’s Hospital, pediatric plastic surgeons utilize the most advanced procedures and technology to provide comprehensive diagnostic and treatment services for congenital and developmental anomalies of the head, neck and hand. Our fellowship trained pediatric plastic surgeons have vast experience treating children with a wide variety of plastic surgical issues. We offer a full range of reconstructive and cosmetic surgeries on the skull, ear, nose, breast and other body parts.

SPECIALTIES

- Abdominal wall reconstruction
- Acquired deformities resulting from trauma (such as MVAs and burns), treatment for tumors (from cancer and neurofibromatosis) or growth disturbances as a result of radiation treatment
- Body contouring surgery with the removal and transfer of body fat
- Burn and wound care
- Craniofacial surgery to repair craniosynostosis, plagiocephaly (flat head), cleft lip and palate, cranial vault deformities and facial abnormalities
- Hand surgery for trauma, ganglion cysts, treatment of simple birth differences, and complex congenital and acquired problems, such as peripheral nerve compressive syndromes and replantation
- Lower extremity surgery, reconstructive surgery, carpal tunnel syndrome and Dupuytren’s contracture
- Pediatric plastic surgery for reconstructing and restoring ear, nose, breast, hand, foot and birthmark differentiation acquired through traumatic injuries, cancers and other medical problems to a more normal state
- Prenatal counseling for parents with children diagnosed with congenital abnormalities found in utero
- Reconstructive procedures for the face, hands, breast, head/neck and scars
- Vascular abnormalities such as AV malformations, hemangiomas and lymphatic malformations