UKHealthCare

Shamik Aikat, M.D. • Cardiology

Melina Aguinaga-Meza, M.D. • Cardiology

Paul Anaya, M.D., Ph.D. . Cardiology

Lauren Anderson-deMoreno, M.D. • Otolaryngology

Michael Anstead, M.D. . Adult & Pediatric Pulmonology

Susanne Arnold, M.D. . Hematology & Oncology

Shambhu Aryal, M.D. • Pulmonology

Louis Bezold, M.D. • Pediatric Cardiology

David Booth, M.D. • Cardiology

Jeffery T. Brumfield, M.D. • Cardiology

Ketan Buch, M.D. • Pulmonology

Charles Campbell, M.D. • Cardiology

Mara Chambers, M.D. • Hematology & Oncology

Leslie J. Crofford, M.D. • Rheumatology

Kristopher Cumbermack, M.D. • Pediatric Cardiology

W. Lisle Dalton, M.D. • Gynecology

John M. Draus, M.D. • Pediatric Surgery

David A. Escalante, M.D. . Endocrinology

Deborah Flomenhoft, M.D. * Pediatric Gastroenterology

Beatriz Y. Hanaoka, M.D. • Rheumatology

Amy Hessler, D.O. . Neurology

Joseph A. locono, M.D. • Pediatric Surgery

Mary Ireland, M.D. • Orthopaedic Surgery

Dennie V. Jones, M.D. • Oncology

Anna Kamp, M.D. • Pediatric Cardiology

Stefan Kiessling, M.D. • Pediatric Nephrology

Lisa Klein, M.D. • Pediatric Cardiology

Christian Latterman, M.D. • Orthopaedic Surgery

Jeremiah Martin, M.D. • Cardiothoracic Surgery

Rick McClure, M.D. • Cardiology

Amr Mohamed M.D. • Nephrology

Gustava Morales, M.D. • Cardiology

M. Elizabeth Oates, M.D. • Teleradiology

Andrew R. Pulito, M.D. • Pediatric Surgery

Navin Rajagopalan, M.D. • Cardiology

William Robertson, M.D. • Pediatric Neurology

Edward Romand, M.D. • Hematology

Sarah Rugg, M.D. • Cardiology

Sibu P. Saha, M.D. • Cardiothoracic Surgery

Douglas Schneider, M.D. • Pediatric Cardiology

Steven I. Shedlofsky, M.D. • Gastroenterology

Partha Sinha, M.D. • Teleradiology

Sean C. Skinner, M.D. • Pediatric Suregery

Vincent Sorrell, M.D. • Cardiology

Mark Vranicar, M.D. • Pediatric Cardiology

Thomas Whayne, M.D. • Cardiology

Greg R. Wheeler, M.D. • Neurosurgery

Frederick M. Zachman, M.D. • Gynecology

[UK CONNECTIONS]

Lung cancer kills too many in Kentucky

By Dr. Ronald McGarry

entucky has the dubious honor of having some of the highest smoking and lung cancer rates in the country.

Let us be clear. Smoking is the cause of single lung of lung cancer in almost 90 percent of the cases. Secondhand smoke is responsible for most of the remaining 10 percent and then there are a few cases for which we do not understand the direct cause. The cancer-causing potential of tobacco has more than 75 years of data to single lung of single lun

define the risks.

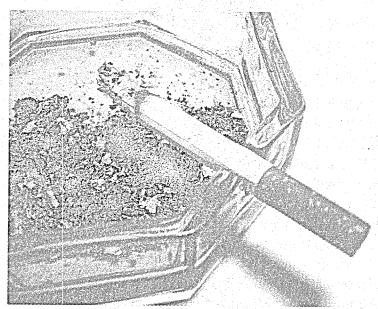
The good news is that the average number of people who die of lung cancer every year has decreased slightly – by about 1.5 percent – over the last number of years, but this state and national tragedy needs to be addressed more seriously. Nearly 3,400 Kentuckians will die of lung cancer this year. Not surprisingly, patients are shocked when they go to their physician for minor ailments and a chest X-ray reveals their cancer.

Lung cancer is a silent killer. It begins as the soup of chemicals found in tobacco causes mutations in a single normal lung cell. That cell spreads slowly at first, but cancer cells are well-adapted to growth. This adaptation speeds up the development of a mass until it becomes big enough to cause symptoms or to be seen on a chest X-ray. In a single lung cancer about 0.5 inches in diam-

eter, there are about 1 billion cancer cells which can grow or spread elsewhere or metastasize.

Lung cancer treatment is long and complicated. As lung cancer specialists, we work

together to achieve the best possible plan for each patient. Survival rates have been shown to be higher at the UK Markey Cancer Center than many other cancer centers, but as anyone can see, we have a lot of work to do.



Courtesy of University of Kentucky Public Relations. Dr. Ronald McGarry is a radiation medicine specialist at the UK Markey Cancer Center.