



**Clinical Update  
July 2008**

## **New Chair of Medicine**

From Mount Sinai Medical Center, Michael Iannuzzi MD, MBA brings the versatility—and decisiveness—of a pulmonary critical care specialist, as well as an impressive record of NIH-funded research.

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## **On-Arm™ Imaging On Site in OR**

Uniquely configured imaging system provides unprecedented views of patient anatomy—in real time, during spinal surgery.

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## **Update on the Golisano Children's Hospital**

The East Tower expansion, crowned by the Golisano Children's Hospital, is one of the most dramatic construction feats in the 40+ year history of University Hospital.

This page: East Tower construction, May 2008

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## Department of Medicine Names New Chair

Dr. Michael Iannuzzi brings broad clinical and research strength—plus an MBA

**M**ichael C. Iannuzzi, MD, MBA, formerly chief of the Division of Pulmonary, Critical Care and Sleep at Mount Sinai Medical Center, has been named chair of the Department of Medicine at SUNY Upstate Medical University.

Prior to his Mount Sinai post, Dr. Iannuzzi was a tenured professor at Case Western Reserve University and also practiced at the Henry Ford Hospital in Detroit.

### Clinician/Researcher

A pulmonary critical care specialist, Dr. Iannuzzi is widely known for his role in the discovery of the cystic fibrosis gene in 1989. During the last decade, he has been an internationally recognized expert in sarcoidosis. His most recent research, funded by the NIH, is in the genetic epidemiology of sarcoidosis. Last November, he was the lead author on a sarcoidosis progress report published in the *New England Journal of Medicine*.

Dr. Iannuzzi chose to specialize in pulmonary critical care medicine because, "It allows you to be a generalist and a specialist," he says. "In critical care, one has the opportunity to interact with all specialists. And since

nearly every disease ultimately involves the lungs, you have the greatest opportunity to be involved in the care of a wide variety of health issues."

**Dr. Iannuzzi is widely known for his role in the discovery of the cystic fibrosis gene.**

### Well-Equipped

"This broad exposure, plus the decisiveness required of an intensivist, certainly contributed to Dr. Iannuzzi's selection as chair," notes Steven Scheinman MD, senior vice president and dean of the College of Medicine at SUNY Upstate. "Half a dozen or more of these pulmonary critical care specialists are now leading medicine departments across the country."

Upstate's Department of Medicine is significantly smaller than Mount Sinai's, but Dr. Iannuzzi considers that a positive. "As graduates of small colleges attest, smaller institutions have many advantages," he says. "It

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**“Clinicians...and basic scientists bring different insights. The key is to build interdisciplinary (research) teams...It’s much more productive than looking at a problem through one discipline.”**

will be possible to personally know all the members and staff of our department. And if you value accessibility to your president and dean, Upstate is the place to be.”

#### **Growth Agenda**

Upstate’s Department of Medicine is clinically very productive,” he adds, “and poised for growth. One goal is to reinforce strengths such as in cancer, infectious diseases and diabetes care. Our Joslin Diabetes Center is outstanding – and ready to expand into related areas like obesity, hyperlipidemia, and diabetic heart disease. Upstate’s new heart and cancer centers will also allow us to grow these programs.”

Expanding his department’s research is another priority. “Clinicians have phenomenal insight into disease, and basic scientists bring different insights. They key is to build interdisciplinary teams and respect what each party brings to the table. It’s much more productive than looking at a problem through one discipline.”

#### **Business Lens**

Dr. Iannuzzi also believes that medicine has much to learn from a business approach, particularly in areas of service, quality improvement, safety and employee and patient satisfaction. Five years ago, he earned an MBA

## **Michael C. Iannuzzi MD, MBA**

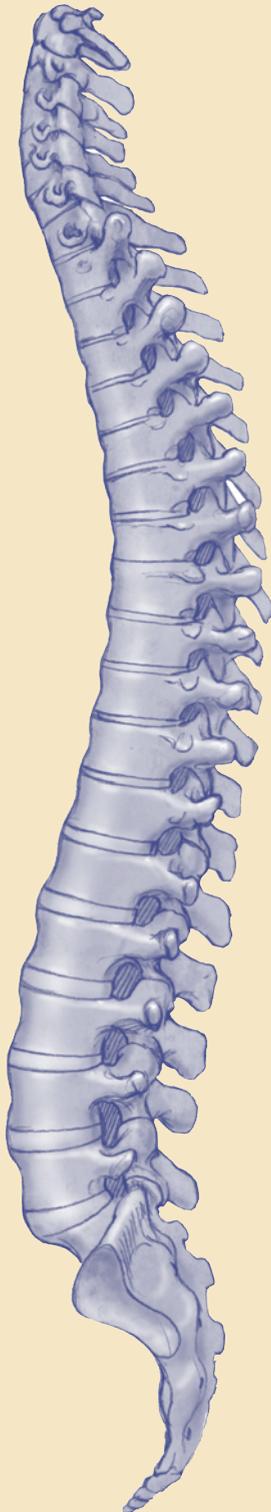
BS Polytechnic University 1975  
MD University of Michigan 1979  
MBA University of Michigan 2002  
Intern, Resident, Chief Resident  
Department of Internal Medicine  
University of Michigan  
Clinical Fellowship,  
University of Colorado  
Health Science Center  
Research Fellowship,  
Webb Waring Lung Institute,  
Eleanor Roosevelt  
Institute for Cancer,  
Denver, Colo.



from the University of Michigan. “It is essential for physicians to grasp the business of medicine,” he explains. “It was exciting to look at medicine through a different lens.” ■

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Only at University Hospital

## The O-arm™ Imaging System: Real-time, Intraoperative 3D Images

First to benefit: spine tumor,  
scoliosis and stenosis patients

**S**UNY Upstate's University Hospital is the first New York State hospital to offer the revolutionary O-arm™ Imaging System, which represents a dramatic advance in intraoperative imaging.

The mobile system provides unprecedented views of patient anatomy – *in* the operating room, *during* the surgical procedure. “This real-time access improves accuracy and enables us to employ more minimally invasive techniques,” reports neurosurgeon Ross Moquin MD, the first University Hospital surgeon to use the system. “Our immediate access to high-resolution, 3D images results in decreased ‘collateral damage’ such as incision size and blood loss.”

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**“This technology translates to one thing: faster, more comfortable, recovery.”**

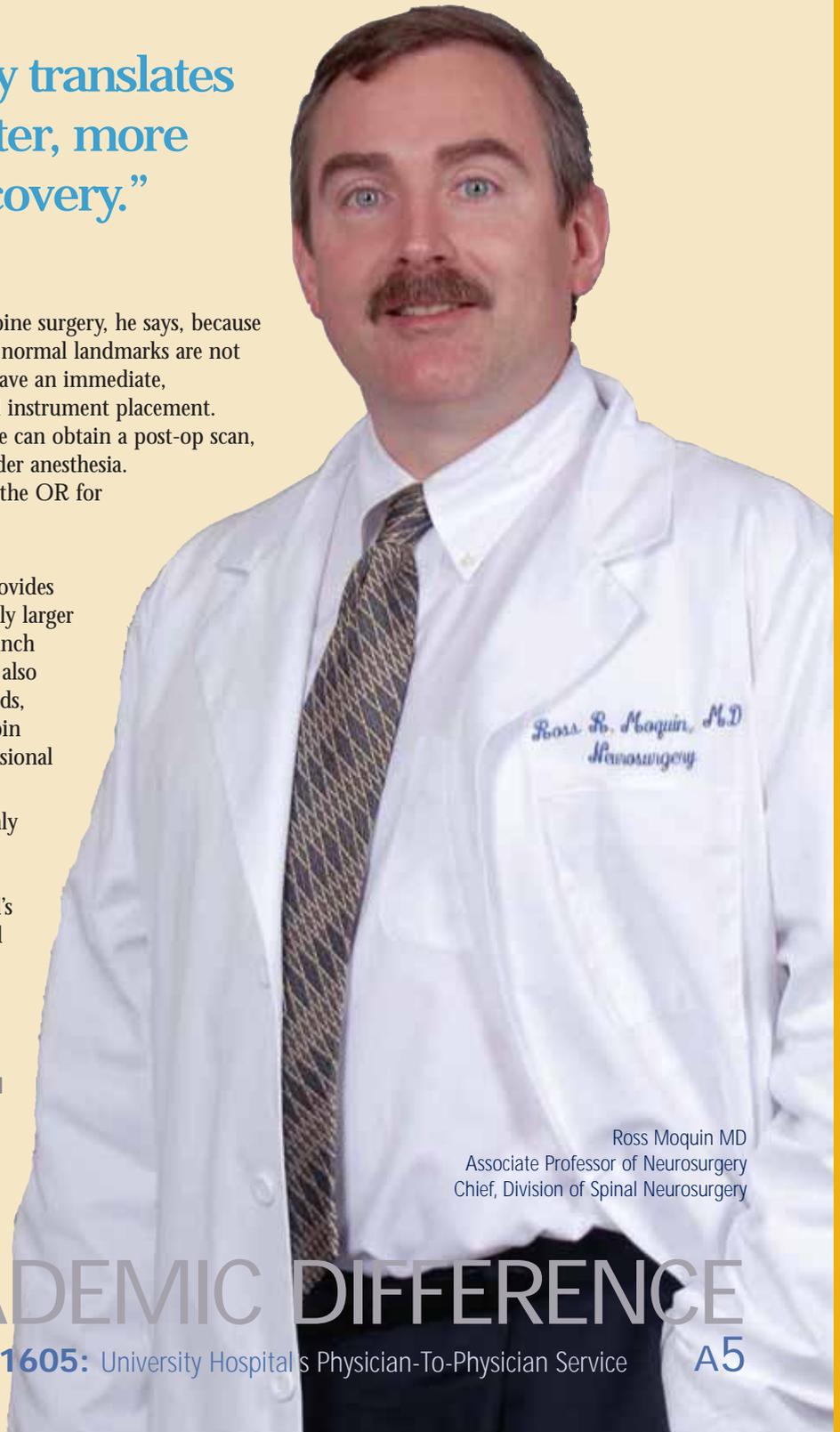
### **Immediate Access**

The system is particularly useful in spine surgery, he says, because “The spine is often so deformed that normal landmarks are not clearly visible. With the O-arm, we have an immediate, accurate view of patient anatomy and instrument placement. Prior to completing the procedure, we can obtain a post-op scan, while the patient is still open and under anesthesia. This decreases the need for return to the OR for implant revision procedures.”

The O-arm’s unique configuration – it literally encircles the patient – provides lateral patient access and a significantly larger field of view, which appears on a 30-inch flat digital monitor. Imaging speed is also enhanced. In approximately 30 seconds, the O-arm completes a 360-degree spin and captures almost 400 three-dimensional images.

University Hospital’s O-arm is the only system in New York State and one of 65 worldwide. The O-arm Imaging System reinforces University Hospital’s pioneering role in the acquisition and use of intraoperative imaging and navigation technologies.

For patients, notes Dr. Moquin, this technology translates to one thing: a faster, more comfortable, recovery. ■



Ross Moquin MD  
Associate Professor of Neurosurgery  
Chief, Division of Spinal Neurosurgery

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## This Time, Next Year: The Golisano Children's Hospital

Construction of the Golisano Children's Hospital at Upstate rises above Irving Avenue and East Adams Street in downtown Syracuse. Once completed, it will be the two-story 'crown' of University Hospital's new east wing expansion, the six-story tower which will also house state-of-the-art floors dedicated to Oncology, Neuroscience and Cardiovascular services.

The timeline below gives a brief history of the project. The outline at right lists the features of the Golisano Children's Hospital, which will welcome patients from throughout Upstate New York beginning in summer 2009.



Construction of University Hospital's east wing expansion, spring 2008. It is scheduled to open in summer 2009.

## Timeline



Thomas Welch MD, chair of pediatrics at SUNY Upstate, announces plan to develop comprehensive children's center for Central New York.

AUG. 2001

\$15 million campaign launched for CNY Children's Hospital.

APRIL 2003

DEC. 2003

Architects' plans showcased at NY State Fair.

APRIL 2004

AUG. 2004

120+ schools and student groups have raised money for children's hospital.

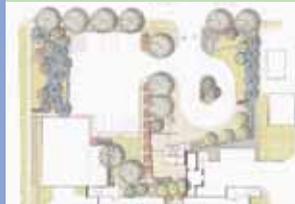
NOV. 2005

DEC. 2005

MaryAnn Shaw named head of panel to guide creation of children's hospital.

Architects selected for children's hospital (Karlsberger Co. and King and King, associate architect).

B. Thomas Golisano pledges \$6 million to the CNY Children's Hospital; SUNY Trustees approve naming of "Golisano Children's Hospital."



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## Features of the 2009 Golisano Children's Hospital

### 11TH FLOOR—

- 35 private patient rooms with bath: 23 medical/surgical, 12 hematology/oncology
- 20 caregiver workstations
- on-site pharmacy
- family lounge
- play rooms
- school room
- family resource center
- physical therapy room with patient ceiling lift
- exhibit space/gallery
- respiratory work room
- performance area
- education/conference rooms
- café

### 12TH FLOOR—

- 36 private patient rooms: 15 intensive care, including 2 burn-capable, 11 medical/surgical & 10 observation rooms
- 20 caregiver workstations
- family sleep & shower area
- family lounge
- patient laundry facility
- exhibit space
- respiratory work room
- education/conference rooms
- on-site pharmacy
- gift shop
- garden room
- quiet space



Bristol Myers-Squibb pledges \$1 million for lobby of Golisano Children's Hospital.

FEB. 2006



Site dedication ceremony for Golisano Children's Hospital/east tower. \$21 million raised to date.

MAY 2006



"Topping off" ceremony (last beam placed for Golisano Children's Hospital.)

MARCH 9, 2007



APRIL 28, 2008

SUMMER 2009

Construction bids awarded (to Ram-Tech Engineering, Klepper, Hahn & Hyatt, The Pike Co. & AEI Engineers).



Crane arrives.



Golisano Children's Hospital to open.

