

UHS Overview

William Phillips
Vice President/CIO



University Health System



- ▶ Nationally recognized academic medical center
- ▶ University Hospital, the lead Level I Trauma Center for 22 South Texas counties
- ▶ 16 community clinics
- ▶ Community First Health Plans
- ▶ Community Medicine Associates
- ▶ San Antonio AirLife



CHIME College of Healthcare Information Management Executives
Transformational Leadership Award 2008



UHS Mission

*To promote the good health of the community by providing the **highest quality of care to both inpatients and outpatients**, by teaching the next generation of healthcare professionals and by supporting research thereby advancing medical knowledge and improving the delivery of patient care.*



3rd Largest County Hospital District in Texas

- ▶ 2007 operating budget of \$732 million
- ▶ 4,500 employees
- ▶ 1,700 physicians
- ▶ Primary Teaching facilities for UTHSCSA

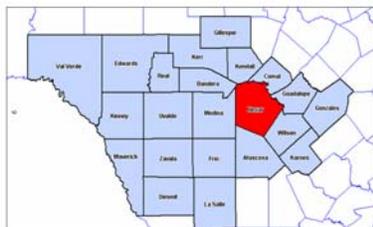
Annual Activity:

- ▶ 70,000 emergency room visits
- ▶ 22,000 discharges
- ▶ 3,000 births
- ▶ 22,000 ExpressMed Visits
- ▶ 550,000 outpatient visits
- ▶ 1.1 million prescriptions filled



Level I Trauma Mission

Trauma Service Area P



Size:
26,770 sq miles
Larger than 17 states

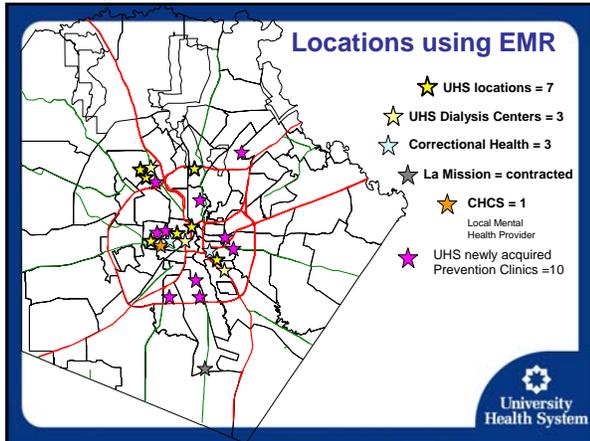
Population:
1.8 million



Industry Information

- ▶ KLAS 2006 CPOE Digest - CPOE in use in 5.7% of U.S. hospitals. Only 3.2% of U.S. hospitals are entering 50% of their orders in the system.
- ▶ KLAS 2007 CPOE Digest - CPOE in use in 6.8% of U.S. hospitals. Only 4% of U.S. hospitals are entering 50% of their orders in the system.
- ▶ KLAS 2008 CPOE Digest – CPOE in use in 9.6% of U.S. hospitals.





Electronic Usage

Electronic Orders

2006 = 2,448,783
 2007 = 4,823,962
 2007 Ambulatory = 1,763,311
 2008 = 5,500,000 Estimated

Electronic Documents

2006 = 4,583,792
 2007 = 10,205,559
 2007 Ambulatory = 1,453,577
 2008 = 11,000,000 Estimated

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- ### Real Time Alerts
- ▶ Allergy Checking
 - ▶ Duplicate Checking
 - ▶ Drug-Drug Interaction
 - ▶ Radiology Contrast Dye Alert
 - ▶ Document Completion Check
 - ▶ Vaccine Alert
 - ▶ Emergency Center Lab Alerts
 - ▶ Pharmacy and Therapeutics Committee Alerts
 - ▶ Restraint Alert
- University Health System

Allergy Alert

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Duplicate Order Checking

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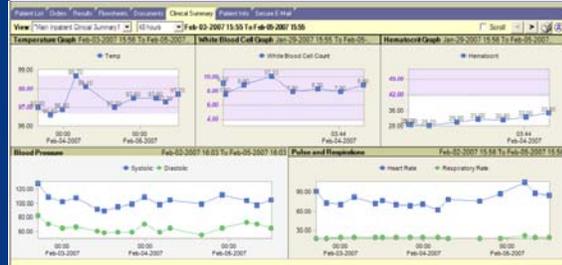
Drug to Drug Interaction

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Radiology Alert

Vaccine Alert

Trending Results



Integration (single point of access)

Current Integration

- ADT
- Lab
- Digital radiology images
- Pharmacy orders
- EKG results
- Physician & Nursing Operating room notes
- Dictated reports
- Monitoring devices
- Point of care testing (Glucose, blood gas, Urine)
- Smart pumps
- Digital anatomical pathology
- Echo cardiogram images
- Stress treadmill
- Holter results
- Pulmonary function

Underway

- Endoscopy
- Colonoscopy
- Fetal monitor images/videos
- Infection control
- Vascular

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