

# Innovations In Health Care Delivery

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# Advocate Health Care

## Hospitals

- 4 teaching hospitals
- 1 children's hospital
- 1 critical access hospital
- 5 level 1 trauma centers

## Physicians

- 6,250 medical staff members
- 4,525 Advocate Physician Partners
- 1,250 employed physicians

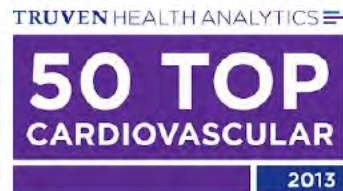
## Post-acute

- \$5.0B Revenue
- AA Rated
- 34,000 Associates





# Recent Accolades

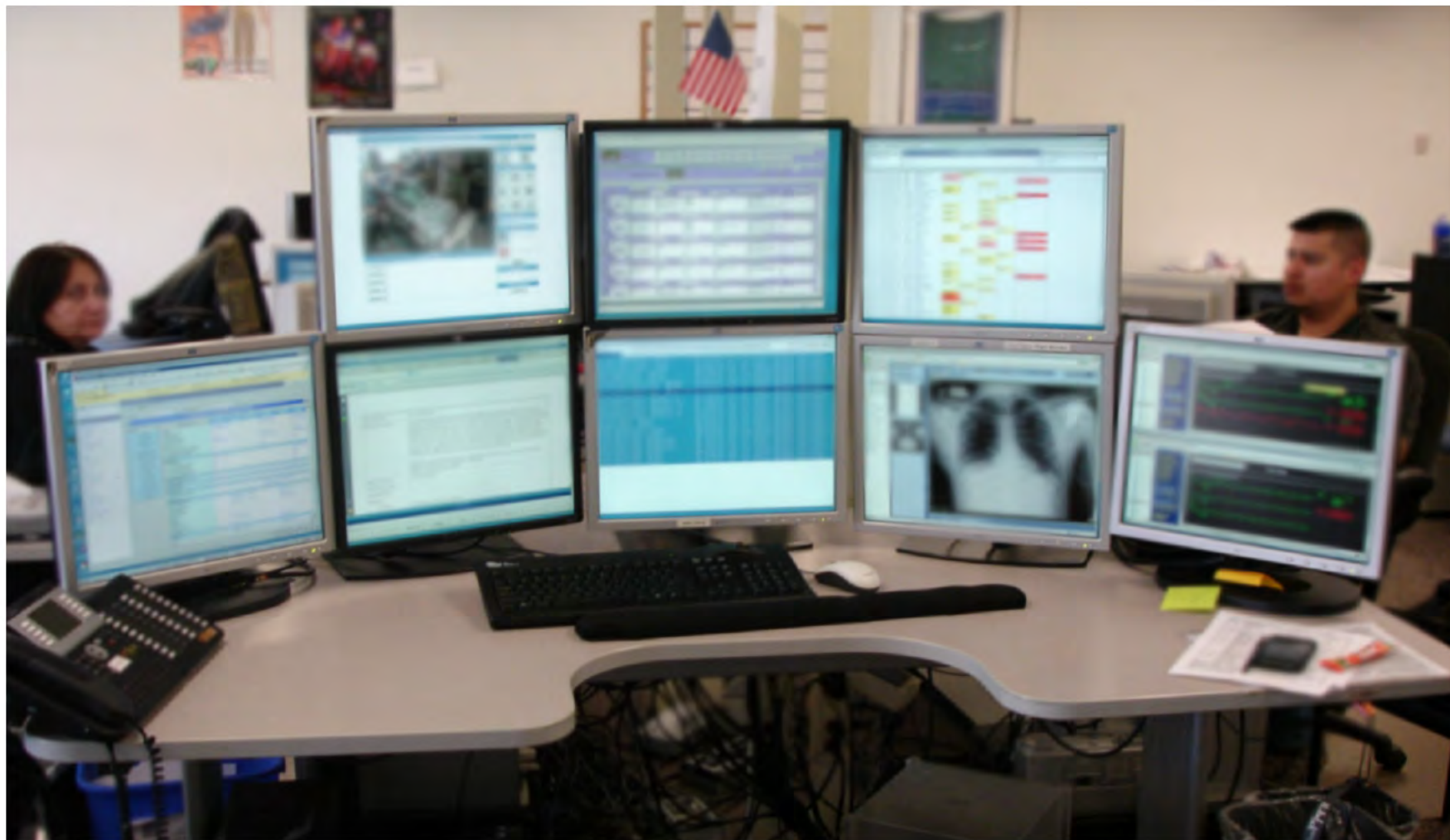


# Tele ICU

- 10 years experience
- Central monitoring core
  - 2 way audio/video
  - Monitor data
  - Electronic health record
  - Staffed 24/7 critical care specialists, nurses, support staff
- 247 system adult ICU beds
  - Adding 42 beds at 2 new hospitals summer 2014
- 58 outreach beds



# CORE Workstation



# Tele ICU

- Real time rules and alerts
- Daily multidisciplinary rounds
- Comparative Data Base with 38 health systems
  - 400 ICUs,
  - 500,000 + patient stays/year
  - APACHE (severity of illness)
  - Multiple peer reviewed publications

# Tele ICU Outcomes

- Top quartile performance
  - APACHE score
  - ICU mortality
  - Ventilator days index
  - Hospital mortality index
  - Hospital standardized mortality ratio for low risk patients

# Tele ICU Outreach

- Christiana Care – Delaware 2013
  - 58 beds coverage for weekends/holidays
  - Reduces costs for Advocate
  - Collaboration with strong clinical partner
  - Use data to drive change between and within organizations
  - Back up during extreme weather conditions or other emergencies



# Future Outreach

- Community General Hospital Sterling, IL Q3 2014 8 beds
- Silver Cross Hospital New Lenox Q1 2015 28 beds
- 28 additional beds at Christiana 2015
- Other proposals pending

# Barriers

- State licensing requirements
- Interoperability of monitoring systems, EMRs
- Need for scale

# Other Telehealth Opportunities

- Psychiatry
- Radiology
- Stroke-Cerebrovascular Accidents
- Dermatology
- Centers of excellence
- 24/7 access via web / APPs



# Telehealth Conclusions

- Improves outcomes
- Better service
- Creates efficiencies
- Enhances competition
- Technology will support more innovations