ABSTRACT: 2017 ELAM Institutional Action Project Symposium

Project Title: Model for Faculty Integration as part of Strategic Academic Expansion into the Community

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Background, Challenge or Opportunity: The University of Texas MD Anderson Cancer Center is a tertiary cancer center that operates with a hub at the main campus and 4 regional satellite centers. After a 2 year strategic academic expansion into the community, Diagnostic Imaging faculty report low morale and work dissatisfaction, relating to isolation, disengagement, and a 2-tiered physician practice. Enhancing faculty satisfaction in the expansion of clinical satellite centers will build towards a sustainable business model in the community.

Purpose/Objectives: Develop a faculty integration model that is aligned with institutional mission. Define and discuss culture differences that reflect main campus and community physician practice, based on faculty feedback. Improve morale that will lead to successful faculty recruitment and retention.

Methods/Approach: Create Expectations and Standardize Procedures
1. Articulate institutional mission, vision, and strategic urgency for community expansion.
2. Define standardized models for faculty structure system-wide
3. Appoint medical directors as lead for the faculty working group to develop integration paradigm

Enhance and Develop Communication Channels
4. Create online survey for faculty to express their opinions and provide feedback
5. Improve communication with regular and constant messaging
6. Encourage faculty integration into community activities
7. Develop regional multidisciplinary care

Build Integrated Teams
8. Empower junior faculty working group
9. Establish inter-institutional research collaborations

Outcomes and Evaluation Strategy:
1. Successful faculty led model for system-wide integration
   Roll out of model in first center within 6 months, and in all four centers in 4 years
2. High faculty morale measured through surveys
   Increased and improved recruitment and retention, plan to recruit 9 new faculty in 2 years, with minimal turnover
3. Increased clinical productivity and increased revenue
   Increase faculty productivity and revenue by 4% annually
The University of Texas MD Anderson Cancer Center is a tertiary cancer center that operates with a hub at the main campus in the Texas Medical Center and 4 affiliated multidisciplinary regional satellite centers across the beltway.

**Background**

**Challenge**

After a 2-year strategic academic expansion into the community, Diagnostic Imaging faculty report low work morale related to isolation, disengagement, lack of integration, and a tiered physician practice.

**Opportunity**

Enhancing faculty satisfaction in the expansion of clinical satellite centers will build towards successful faculty recruitment and retention, and a sustainable model in the community.

**Purpose/Objectives**

1. Define and discuss culture differences that reflect main campus and community physician practice, based on faculty feedback.
2. Improve faculty morale at the satellite centers that will lead to successful faculty recruitment and retention.
3. Develop a faculty integration model that incorporates faculty input from the satellite centers and main campus and is aligned with the institutional mission.

**Methods/Approach**

Create Expectations and Standardize Procedures:
- Growth outside the Texas Medical Center is a strategic focus.
- Align leaders, staff, physicians around volume to value transformation throughout the enterprise.
- Define the faculty organizational structure system-wide with emphasis on standardization.
- Appoint medical directors as lead for the faculty working group to develop integration paradigm.

Diagnostic Imaging Faculty Representatives:
- Houston Area Locations (HALs) – Current Team

Define Outpatient Imaging Clinic Challenges/Goals:
- Multiple hospital & service line cultures
- Geographic separation of sites
- Integration of finances
- Academic vs. community based radiologists
- Variable imaging protocols, quality standards, equipment, and personnel
- Communication strategy
- Radiology 3.0

**Implementation**

Enhance and Develop Communication Channels:
- Create online survey to capture faculty opinion and feedback
- Improve communication with regular messaging and video clips
- Develop regional multidisciplinary care
- Emphasize value-based patient-centric care
- Formation of a Community Division
- Encourage faculty integration into community activities

Ongoing Initiatives & Opportunities:
- Opportunity for standardization
- Clinical Imaging Protocols (MRI, Chest, AI, Neuro, and MSK)
- Subspecialty Breast Quality Initiative; Lung Cancer Screening Project
- Radiation safety (ACR accreditation)
- Uniform technologist workflow
- Homogenous patient experiences

Preserve academic mission
- Combined Technical and Professional approach to Budget
- Enhance revenue and reinvest
- Mature population health research

Listening to the Voices of Clinicians Across the Enterprise
- Learning from the Texas Medical Center experiences: The Pavilion, Mays Clinic, and Procedure space

**Discussion**

MDACC Community Imaging Service Model:
- Education → Research → Clinical Service
- Academic/Urban Core
  - ~100 FTE’s
  - Sub-specialized
  - Training the future
  - Innovation
- Community Division
  - ~25 FTE’s
  - More generalist
  - Higher volumes
  - Community relationships

**Expansion Imaging Recruitment:**
- Recruit/retain specific phenotype
- Private practice mentality but enjoy intellectual environment
- Regular, periodic refreshment at the hub
- Different performance metrics
- More RVU driven
- Less academic expectations
- Variable compensation strategy
- Brand preservation is key

**Outcomes and Evaluation Strategy:**
- Develop successful faculty-led model for system-wide integration
- Reduced autonomy and compensation
- Increased focus on quality and outcomes
- Expectation for contributions to the education and research missions
- Academic Radiologists may need increased focus on: Clinical productivity and service-related activities
- Narrower focus of research initiatives on translational research aligned with societal needs
- Increasing expectation to develop most cost-effective approaches to education that simultaneously promote both quality and safety

**Summary & Next Steps**

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