



# 2020 LEAD Capstone Poster Session

## **“How to Build an Adrenal Center of Excellence at UT Southwestern Medical Center”**

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# Abstract

- Adrenal tumors are common, with a prevalence of 5-10% among adult patients.
- Yet, at present there is no dedicated multidisciplinary program for patients with adrenal tumors at UT Southwestern.
- Establishing an Adrenal Center of Excellence with a trifold mission of patient care, research and education is paramount



# Objectives

- Create a coordinated plan with interested departments for multidisciplinary clinical care of patients with adrenal tumors
- Identify areas of perceived need in education for medical students, resident and fellows in the area of adrenal tumors
- Expend clinical and translational adrenal research at UT Southwestern
- Enhance UT Southwestern's reputation for excellence in adrenal education and research



# Background Information

- Nearly 4 million people are diagnosed with adrenal tumors each year in the United States
- 15-30% are hyperfunctioning
- 10% are malignant
- At present, there is no designated clinical and research program for patients with adrenal tumors at UT Southwestern



# Aims

- Establish a multidisciplinary adrenal clinic and interdepartmental collaboration to enhance care of patients with adrenal tumors
- Identify educational deficiencies among trainees and provide small group and individual teaching sessions and lectures
- Build clinical and translational research program with a variety of investigator- and sponsor-initiated clinical trials and studies
- Enhance multicenter national and international research collaboration



# Project Plan

- Patient care
  - Dedicated adrenal clinic with close collaboration with Endocrine Surgery, Radiology, Pathology, and Genetics Departments
  - Multidisciplinary adrenal case conference
  - Collaboration with Radiology Department at UT Southwestern to optimize identification and referral for evaluation of adrenal tumors



# Project Plan

- **Education**

- Development of targeted curriculum for trainees
- Lectures and small group discussions on adrenal topics for medical students, residents, and fellows
- Offer an elective rotation in Adrenal Clinic for high-yield learning experience
- Lectures and presentations at regional, national and international conferences and meetings



# Project Plan

- Research
  - Activation of clinical trials for adrenal tumors
  - Development of clinical research projects
  - Joining A5 Adrenal Alliance for multicenter national and international research collaboration





# Application of What You Learned at LEAD

- Understanding personal traits and preferences (DISC assessment)
- Strategic planning and vision to create a meaningful and impactful project
- Leadership skills and team building
- Communication and negotiation strategies to promote the need for adrenal center of excellence
- Stakeholder analysis for joining A5 Adrenal Alliance
- Seeking mentorship for creating a platform for clinical research



# Proposed Budget

- Protected time (0.4 FTE) for research and educational activities
- Clinical research coordinator support for conducting clinical research trial and projects (0.5-1 FTE)
- Research manager support (0.3 FTE)
- Statistical and library support
- Support to join A5 Adrenal Alliance
- CME funding for participation in meetings and conferences



# Innovation and Significance

- First and so far only Adrenal Center of Excellence in North Texas
- Providing excess to frontline clinical care, education and research for patients with adrenal tumors
- Enriching scientific knowledge
- Enhancement of UT Southwestern's reputation as Adrenal Center of Excellence
- National and international research collaboration and recognition



# References

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