

ABSTRACT: 2015 ELAM Institutional Action Project Poster Symposium

Project Title: Creation of a Multidisciplinary Center for Pelvic Floor Disorders at the University of Nevada School of Medicine (UNSOM)

Name and Institution: Vani Dandolu, MD MPH MBA, University of Nevada School of Medicine

Collaborators:

- Christian Quintero MD Associate Professor, Urogynecology
- Nadia Gomez MD Assistant Professor, Minimally invasive surgery and Robotic surgery
- Christian Stone MD, Fellowship Director, Gastro-enterology
- Ovunc Bardakcioglu MD, Division Director, Colorectal surgery

Background, Challenge or Opportunity:

Multidisciplinary care is ideal in the management of patients with complex conditions involving multiple systems. This style of care requires a team approach to health care that involves all relevant medical and health disciplines. The goal of this project is to develop an integrated and expanded academic and clinical program committed to the comprehensive diagnosis and treatment of female pelvic floor disorders. The program will include the development of the necessary infrastructure to support an ACGME accredited fellowship in female pelvic medicine and reconstructive surgery (FPMRS).

Purpose/Objectives: To develop a multidisciplinary Pelvic Floor Disorders Center.

Methods/Approach:

In the planning stage, community physicians were informally consulted to ensure that adequate need existed and to obtain opinions on how the center might be best structured from both a provider and patient perspective. Support from the heads of colorectal surgery and gastroenterology was obtained. Leaders of existing high-profile successful pelvic floor disorder centers were interviewed regarding center infrastructure, funding, measures of success, and organizational structure.

Outcomes and Evaluation Strategy:

Monthly multidisciplinary pelvic surgery-GI conference started in July 2014. Residents and fellows present complex cases that require multispecialty management plan. Faculty and trainees from GI, colorectal surgery and Urogynecology typically attend the meeting. We have noticed improvement in diagnosis, treatment planning, patient satisfaction, clinician satisfaction and financial efficiency. We have increased our availability to see patients and have received positive feedback from those attending.

Multiple abstracts pertaining to pelvic floor disorders were presented in prominent national and international conferences to include International Continence Society, International Urogynecologic Association, American Urogynecologic society, Society of Female Urology and Urogynecology, and Society of Gynecologic Surgeons.

Initial PIF for FPMRS fellowship was submitted. It was not approved with the main citation of lack of research infrastructure and difficulty of coordinating research between the clinical campus in Las Vegas and basic science campus in Reno. To address the citation we opened a search to hire a PhD in Las Vegas campus that will coordinate research pertaining to pelvic floor disorders and we thereby hope to increase the number of research opportunities in the center including clinical trials.



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Creation of a Multidisciplinary Center for Pelvic Floor Disorders at the University of Nevada School of Medicine (UNSOM)

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Introduction

Background

Multidisciplinary care is ideal in the management of patients with complex conditions involving multiple systems. This style of care requires a team approach to health care that involves all relevant medical and health disciplines. The goal of this project is to develop an academic and clinical program committed to the comprehensive diagnosis and treatment of female pelvic floor disorders. The program will include the development of the necessary infrastructure to support an ACGME accredited fellowship in female pelvic medicine and reconstructive surgery (FPMRS).

Objectives

To develop a multidisciplinary Pelvic Floor Disorders Center towards the goal of obtaining accreditation for fellowship in Female pelvic Medicine and Reconstructive Surgery.



Approach

Methods

In the planning stage, community physicians were informally consulted to assess the need and to obtain opinions on how the center might be best **structured** from both a provider and patient perspective.

Key faculty and division directors of Colorectal surgery, Gastroenterology and Minimally Invasive/Robotic Surgery were interviewed.

Leaders of existing high-profile successful pelvic floor disorder centers were interviewed regarding center infrastructure, funding, measures of success, and organizational structure.

Collaborators

Christian Quintero, MD, Associate Professor, Urogynecology

Nadia Gomez, MD, Assistant Professor, Minimally Invasive Surgery and Robotic Surgery –OBGYN

Shawn Tsuda MD, Associate Professor, Minimally Invasive Surgery and Robotic surgery – General Surgery

Victor Gregoriev MD, Adjunct Professor, Urology

Christian Stone, MD, Fellowship Director, Gastro-enterology

Ovunc Bardakcioglu, MD, Division Director, Colorectal Surgery

Metrics for the program

IMPACT	MEASURE
Reaction to the project	Formal and informal surveys of Patients, Physicians, and Staff
Changes in care of patients presenting with pelvic floor disorders	Comparison of before and after quality of care measures, patient wait times, number of patient referrals to the involved surgeons, case volume, Recognition by community/physician groups (eg Top Docs, Health grade or similar rankings)
Scholarly outcome measures	Grant applications, abstract presentations at national and international conferences, peer reviewed publications, citations, invitation to clinical trials
Benefit to trainees (medical students, residents, fellows)	Exposure to quality case discussions by experts in multiple specialties

Results

Scholarly activity pertaining to the field of pelvic floor disorders rapidly increased. Multiple abstracts pertaining to pelvic floor disorders were presented in prominent national and international conferences to include International Continenence Society, International Urogynecologic Association, American Urogynecologic society, Society of Female Urology and Urogynecology, and Society of Gynecologic Surgeons. Grant support obtained through investigator initiated funds from Industry.

Monthly multidisciplinary pelvic surgery-GI conference were initiated by GI fellowship director in July 2014. Residents and fellows present complex cases that require a multispecialty management plan. Faculty and trainees from GI, colorectal surgery and Urogynecology typically attend the meeting.

Our initial program information form for the FPMRS fellowship was not approved with the main citation of lack of research infrastructure and difficulty of coordinating research between the clinical campus in Las Vegas and basic science campus in Reno. To address the citation a search was opened to hire a PhD in Las Vegas campus that will coordinate research pertaining to pelvic floor disorders and with a goal to increase the number of research opportunities in the center including clinical trials.



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