MINIMALLY INVASIVE GYNECOLOGY SURGERY FELLOWSHIP

Oscar A. Perez Jr.
Sr. Director of Strategic Clinical Initiatives

Region 15 RHP Meeting
El Paso First Health, 1145 Westmoreland Drive
June 24, 2015 - 1:00pm

Description of the Project

- **AAGL approved Fellowship in MIS**
  - 2-year program introducing one new Fellow per year matched through AAGL from around the country
  - Faculty preceptors from Texas Tech and the El Paso community

- **Supported internally by the Dept. of OB/GYN**
  - Fellows work in clinic and hospital environments to develop interpersonal skills along with medical skills to specialize in MIS

- **Milestones – Core Components**
  - Increase the number of residents choosing MIS specialties (current shortage)
  - Design workforce enhancement initiatives to support access to MIS providers in El Paso region (historically underserved)
  - Expand MIS training
  - Continuous Quality Improvement

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Benefits to the Community

- **Increased Gynecologic Services Providers**
  - Patients seen at Texas Tech, UMC, Del Sol/Las Palmas Medical Centers and in the Sierra-Providence Health Network
  - An independent provider for the greater El Paso community
- **Increased pool of Outside Applicants to our Program**
  - New Talented Doctors are introduced to the El Paso area for increased specialist training in an underserved population
- **Benefits of Minimally Invasive Surgery**
  - lower incidence of site infections
  - smaller incisions and less scarring
  - shorter time in the hospital
  - less analgesic and blood loss

Progress

- **Milestones**
  - Hyein Park, MD – Fellow as July 2014- 2016
  - Jessica Chandler, MD – **NEW** Fellow July 2015-2017
  - Training equipment to practice techniques outside of the OR
  - More patients have been seen each quarter since the program began
- **Risk Areas and Mitigation strategies**
  - Faculty preceptors role as supervisors and mentors
  - Patient Data Collection Issues
- **Anticipated outcomes**
  - Successful completion of MIS services availability to the region which has been historically underserved
- **Connection with other local healthcare initiatives**
  - Dr. Luis Noble - Southwest Center for Reproductive Health
  - Dr. Richard Farnam - Texas Gynecology and Laser Surgery Center
  - Dr. Mario Nutis - Center of Excellence in Minimally Invasive Gynecology

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Milestone Data

Tracking of Surgical Site Infection Rates 8.33%

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DSRIP Project 084597603.1.7
IT-4.4:Surgical Site Infections (SSI) Rates
Category 3.9
MIGS Fellowship
Unique Patients by DY

Reporting Period 10/01/2014 to 09/30/2015

Identifiers: Patients with a surgical procedure completed
Patients who had a surgical site infection within 30 days after operative procedure

DSRIP Category	Count of Patients (non duplicated)			
DY	DY 2	DY 3	DY 4	DY 5
Total Unique Patients with an operative procedure		68	36	
Patients with a Surgical Site Infection within 30 days	**	8	3	
Total % Patients with a Surgical Site Infection		**11.76%**	**8.33%**	

Clinical Outcomes Data

UNIQUE PATIENTS SEEN

Reporting Period: October 1, 2014 - September 30, 2015 (DY 4) **281**

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DSRIP Project084597603 1.7
Total Number of ***Unique Patients*** - OB Gyn/MIS Patients
By DSRIP Category
Unique Patients By DY

Reporting Period 10/01/2014 to 09/30/2015

Identifiers: Patients seen by Dr. Sandra LopezPatient seen by Dr. Hyein Park

DSRIP Category	Count of Patients (non duplicated)							
DY	DY 2		DY 3		DY 4		DY 5	
	Patients	%	Patients	%	Patients	%	Patients	%
OTHER	7	14%	41	21%	64	23%		
MEDICAID	6	12%	22	11%	23	8%		
UNINSURED	38	75%	129	67%	194	69%		
Total Patients	51		192		281			
				Goal	160			

Clinical Outcomes Data

TOTAL PATIENT ENCOUNTERS

Reporting Period: October 1, 2014 - September 30, 2015 (DY 4) **554**

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DSRIP Project084597603 1.7
Total Number of Patients Encounters - OB Gyn/MIS Patients
By DSRIP Category
Patients Encounter by DY

Reporting Period 10/01/2014 to 09/30/2015

Identifiers: Patients seen by Dr. Sandra LopezPatient seen by Dr. Hyein Park

DSRIP Category	Encounters							
	DY 2		DY 3		DY 4		DY 5	
DY	Encounters	%	Encounters	%	Encounters	%	Encounters	%
OTHER	9	13%	74	20%	106	19%		
MEDICAID	12	17%	41	11%	35	6%		
UNINSURED	51	71%	255	69%	413	75%		
Total Patients	72		370		554			
				Goal	426			

Innovation

- **Ideas and Research presented**
  - 3 abstracts presented at the 43rd AAGL Global Congress of Minimally Invasive Gynecology in November 2014
    - **Sandra Lopez MD**: *A Comparison of Outcomes between Robotic-Assisted Single-Incision Laparoscopy Versus Single-Incision Laparoscopy for Benign Hysterectomy*
    - **Hyein Park MD**: *Functional Outcomes of Robotic Assisted Laparoscopic Mesh Sacrocolpopexy (RASC) and Mesh Rectopexy for Combined Vaginal and Rectal Prolapse*
    - **J. Sal Saldivar MD**: *A Comprehensive 4-Phase Robotic Gynecologic Surgery Curriculum Congruent with PGY Levels Leads to Certification and Credentialing*
  - Ongoing Study: Novel Use of Indocyanine Green for Intraoperative, Real-time Localization of Ureter During Robot-assisted Excision of Endometriosis
  - Ongoing Study: Significance of Laparoscopic Excision of Endometriosis in Infertility Patients

Continuous Quality Improvements

- Offsite Patient Encounters are logged to an electronic tracking system with MIS Ipad's
- Clinic Dates provide one full day of clinic time a week to streamline efficiency for fellows and maximize patient load
- Improved Communication through regular MIS and DSRIP scheduled meetings
- Use of a portable visual aid flip chart to educate patients about MIS procedures…

Lessons Learned

- Discussion

QUESTIONS?

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COMMENTS?