



**Physician**

**Specialties:**

Gynecologic  
Oncology

**Board Certifications:**

Gynecologic Oncology  
Obstetrics and  
Gynecology

**Texas Oncology-San  
Antonio Medical Center**

5206 Research Dr.  
San Antonio, TX 78240  
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**Texas Oncology-San  
Antonio Northeast**

2130 NE Loop 410, Suite  
100  
San Antonio, TX 78217  
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**Texas Oncology-San  
Antonio Stone Oak**

18707 Hardy Oak Blvd.,  
Suite 320  
San Antonio, TX 78258  
T: 210-545-6972

**Metro Area:** San Antonio

**Spoken Language:**  
English

**General Summary**

Dr. Antonio Santillan-Gomez is board certified in gynecologic oncology and completed his fellowship training in gynecologic cancers and complex abdominal-pelvic surgeries through minimally invasive robotic-assisted laparoscopy at Johns Hopkins School of Medicine.

Additionally, he is an expert in cytoreductive surgery (debulking) for peritoneal malignancies, especially for ovarian cancer patients. He has been involved in more than 5,000 cases of robotic surgery making him one of the leading robotic surgeons in the field, currently the medical director of robotic surgery services at the Methodist Hospital in San Antonio, where he held an Intuitive Surgical Robotic Case Observation Program (Epicenter).



*Dr. Antonio Santillan completes his 3000th robotic case.*

**Education**

- **Fellowship**  
Gynecologic Oncology, The Johns Hopkins School of Medicine, Baltimore, MD
- **Residency**  
Obstetrics and Gynecology, University of Oklahoma College of Medicine, Tulsa, OK
- **Medical Doctorate**  
Escuela de Medicina "Ignacio A. Santos", ITESM, Monterrey, Mexico

**Surgery Locations**

- Methodist Hospital
- St. Lukes Baptist Hospital
- CHRISTUS Santa Rosa Hospital - Medical Center
- Methodist Stone Oak Hospital
- Methodist Specialty and Transplant Hospital
- Metropolitan Methodist Hospital

**Research Interest**

Dr. Antonio has always shown interest in other areas of the medical field, not only taking care of his patients but also collaborating with the academic and scientific world. He is currently an adjunct assistant professor at the Johns Hopkins Kelly Gynecologic Oncology Service, where he continues participating in clinical

**Conditions & Procedures**

**Uterine cancer (Endometrial)**

- Robotic laparoscopic hysterectomy / Bilateral salpingo-oophorectomy (BSO)
- Robotic radical hysterectomy / BSO
- Robotic Lymphadenectomy / Sentinel Lymph Node (SLN) Mapping
- Fertility-sparing approach

**Ovarian cancer**

- Cytoreductive Surgery (Debulking)
- Interval Robotic Laparoscopic cytoreductive surgery
- Ovarian cancer cytoreductive surgery (Laparotomy)

**Cervical cancer**

- Colposcopy
- Cervical dysplastic - Cold Knife Cone
- Robotic radical hysterectomy
- Fertility sparing approach

**Peritoneal cancer**

- Hyperthermic Intraperitoneal Chemotherapy (HIPEC) for Gastrointestinal Malignancies

**Vulvar cancer**

- Radical vulvectomy
- CO2 laser ablation of vaginal dysplasia

### Research Interest

research and surgical device innovations. He is also a clinical faculty of the armed forces for the San Antonio Uniformed Services Health Education Integrated Obstetrics and Gynecology Residency Training Program. He is co-author of multiple peer-reviewed articles in medical journals, book chapters, abstracts and presentations.

His compassionate clinical approach combined with his surgical skills and the use of the latest state-of-the-art technology offers his patients the best possible quality of care.

### Conditions & Procedures

- Sentinel Lymph Node (SLN) Mapping

#### Other conditions

- Gestational Trophoblastic Disease
- Gynecological Sarcomas
- Complex benign Gynecological Conditions

#### Other procedures

- Robotic malignancy staging
- Robotic laparoscopic pelvic SLN
- Tumor debulking for gynecologic malignancies
- Cytoreductive surgery
- Advanced pelvic surgery

### Accolades & Memberships

- Society of Gynecology Oncology
- American College of Obstetricians and Gynecologists
- Fellow and Member of International Gynecologic Cancer Society