



Physician

Specialties:

Gynecologic
Oncology

Board Certifications:

Gynecologic Oncology
Obstetrics and
Gynecology

Texas Oncology-San Antonio Medical Center

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San Antonio, TX 78240
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Texas Oncology-San Antonio Northeast

2130 NE Loop 410, Suite
100
San Antonio, TX 78217
T: 210-656-7177

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