

CURRICULUM VITAE

Joseph T. Santoso, M.D. FACOG, FACS

PRESENT POSITION AND ADDRESS:

Director and Professor
Division of Gynecologic Oncology
Department of Obstetrics & Gynecology
The University of Tennessee, Memphis

The West Clinic
1588 Union Avenue
Memphis, TN 38104
901-322-0251 (office)
901-322-0259 (fax)



EDUCATION/ EMPLOYMENT:

- 1981 - 1985 Undergraduate - BS, Biochemistry
San Francisco State University
San Francisco, California
- 1985 - 1989 Medical School - M.D.
University of California - Davis
Davis, California
- 1989 - 1993 Residency - Obstetrics and Gynecology Residency Program
University of California - Davis
Sacramento, California
- 1993 - 1994 Fellowship - Surgical Critical Care Fellowship Program
University of California - Davis
Sacramento, California
- 1994 - 1997 Fellowship - Gynecologic Oncology Fellowship Program
University of Texas Southwestern
Dallas, Texas
- 1997- 2000 Assistant Professor - University of Texas Medical Branch
Galveston, Texas
- 2001- present Professor & Director Gyn Oncology. University of Tennessee
Memphis, Tennessee

HOSPITAL AFFILIATIONS

Methodist
Baptist

ADDITIONAL TRAINING:

- 8/1995 Laparoscopic Gynecologic Oncology Surgery
Director: Nick N. Spirtos, M.D.
Women's Cancer Center
Palo Alto, California
- 9/1995 Vascular Surgery Visiting Fellowship
Department of Surgery
University of California - Davis
Sacramento, California

RESEARCH EXPERIENCE:

- 1994 - 1995 Adenovirus-based p53 Gene Therapy in Ovarian Cancer
University of Texas Southwestern, Dallas, Texas
- 1996 - 1997 Malnutrition in Gynecologic Oncology
University of Texas Southwestern, Dallas, Texas
- 1998 Hemodilution in Radical Hysterectomy
University of Texas Medical Branch, Texas
- 1999 Effect of Saline, Mannitol, and Furosemide on Acute Renal Impairment by Cisplatin
University of Texas Medical Branch, Texas
- Effect of protein supplement in Gynecologic Oncology Patients
University of Texas Medical Branch, Texas
- Phase II/III trial of Adenovirus p53-based gene therapy in ovarian cancer
University of Texas Medical Branch, Texas. Schering-Plough \$281,096
- Developing Electronic Medical Record on internet platform
Information Service Dept, UTMB
- Current CT scan Score to diagnose malignant ovarian mass
Resident Efficiency Score
Randomized trial Patipulone vs Doxil in ovarian cancer
Ovarian screening assay – FDA registration trial (CIPHERGEN Inc).
Various GOG studies

ADMINISTRATIVE EXPERIENCE:

- Director, Gynecologic Oncology Division, UT Memphis
Primary Investigator, GOG, Memphis, TN
Developer - Electronic Medical Record UTMB
Chairman - task force for UTMB electronic medical record
Chairman, Gynecologic Cancer Site Committee
Co-director free clinic Frontera De Salud
Direct divisional / GOG research activities
Organize and direct outpatient chemotherapy clinic
Organize and maintain Gynecology Oncology Database
Member, Chemosafety Committee
Member, CPI committee

Member, Ethical Evaluation of Medical Students Task Force
Member, Physician Order Entry Committee
Member, Tennessee committee on cervical cancer

MEMBERSHIP

Fellow of American College of Obstetrics & Gynecology
Fellow of American College of Surgeon

BOARD CERTIFICATIONS:

Obstetrics and Gynecology (Nov 98)
Surgical Critical Care (Jan 2000)
Gynecologic Oncology (April 2000)

LICENSURE INFORMATION:

Tennessee
Mississippi
California
Texas (inactive)
DEA License
Texas DPS (inactive)

HONORS:

1985	Summa Cum Laude San Francisco State University, San Francisco, California
1985	The President Award for Achievement, Service and Leadership in Student Government San Francisco State University, San Francisco, California
1990	Berlex Foundation OB/GYN Resident Award University of California - Davis, Sacramento, California
1991	Mead Johnson OB/GYN Resident Award University of California - Davis, Sacramento, California
1995	Berlex Oncology Award for Academic Development University of Texas Southwestern, Dallas, Texas
1995 - 1996	The American Cancer Society Clinical Oncology Fellowship Award University of Texas Southwestern, Dallas, Texas
1998	Golden Apple Award ("Excellence in Teaching") University of Texas Medical Branch School of Medicine, Galveston, Texas
1999	James W. Powers Memorial Award (award for clinical professor who best exemplifies the practice of art and science of medicine) University of Texas Medical Branch School of Medicine, Galveston, Texas
1999	Golden Apple Award ("Excellence in Teaching") University of Texas Medical Branch School of Medicine, Galveston, Texas

- 1999 Excellence in Teaching. From the Association of Professors of Gynecologists & Obstetrics
- 1999 LeBlanc, Little & Powell Honorary Faculty Professor in Obstetrics & Gynecology
- 2000 James W. Powers Memorial Award (award for clinical professor who best exemplifies the practice of art and science of medicine). University of Texas Medical Branch School of Medicine, Galveston, Texas
- 2000 Golden Apple Award ("Excellence in Teaching")
University of Texas Medical Branch School of Medicine, Galveston, Texas
- 2002-2003 Excellent Teaching Award from the Student Government Executive Counsel For "Outstanding teaching and genuine concern for students". University of Tennessee, School of Medicine, Memphis, Tennessee.
- 2003 Golden Apple Award ("Excellence in Teaching"). University of Tennessee, School of Medicine, Memphis, Tennessee.
- 2003 Excellence in Teaching. From the Association of Professors of Gynecologists & Obstetrics
- 2004 Best Doctor in Memphis". Memphis Magazine, 2004.
- 2005 Outstanding Attending/ Golden Apple Award ("Excellence in Teaching"). University of Tennessee, School of Medicine, Memphis, Tennessee.
- 2006 Outstanding Attending ("Excellence in Teaching"). University of Tennessee, School of Medicine, Memphis, Tennessee.
- 2007 Outstanding Attending ("Excellence in Teaching"). University of Tennessee, School of Medicine, Memphis, Tennessee.
- 2007 Commencement Speaker for class of 2007 Graduation. University of Tennessee, School of Medicine, Memphis, Tennessee
- 2008 Outstanding Attending ("Excellence in Teaching"). University of Tennessee, School of Medicine, Memphis, Tennessee.
- 2008 Golden Apple Award ("Excellence in Teaching"). University of Tennessee, School of Medicine, Memphis, Tennessee
- 2008 Best Doctor in Memphis". Memphis Magazine, 2008.
- 2009 Arnold P. Gold Foundation Award. Awarded for University of Tennessee Medical School faculty who exemplified humanism in medicine.

PUBLICATIONS:

- 1) **Santoso JT**, Kucera PR, Ray J: Primary malignant melanoma of the uterine cervix. *Obstet Gynecol Surv* 45(11):733-740, 1990.

- 2) **Santoso JT**, Battistella F. Mechanical ventilation in surgical patients. *Hospital Physician* 1(2): 1-12, 1994.
- 3) **Santoso JT**, Lin D, Miller DS. Transfusion medicine in obstetrics and gynecology. *Obstet Gynecol Surv* 50(6): 470-481, 1995.
- 4) **Santoso JT**, Tang DC, Lane S, Hung J, Reed DJ, Muller CY, Lucci III JA, Miller DS, Mathis JM. Adenovirus p53-based gene therapy in ovarian cancer. *Gynecology Oncology* 59: 171-178, 1995.
- 5) Kimball RE, Schlaerth JB, Kute TE, Schlaerth AC, **Santoso J**, Ballon SC, Spirtos NM. Flow cytometric analysis of lymph node and peritoneal metastases in advanced ovarian cancer: Clinical and biologic significance. *Am J Obstet Gynecol* 176(6): 1319 – 1327, 1997.
- 6) **Santoso JT**, Coleman R, Voet R, Bernstein S, Lifshitz S. Pathology slide review in gynecologic oncology. *Obstetrics and Gynecology*. 91 (5): 730-734, 1998
- 7) **Santoso JT**, Wisner D, Owings J, Battistella F. A comparison of gastric intramucosal pH, global indices and clinical judgment in critically ill patients. *European J Surgery*. 164; 521 – 526, 1998.
- 8) Gruenigen VE, **Santoso JT**, Coleman R, Miller DS, Mathis JM. Successful adenovirus-mediated p53 gene therapy in ovarian cancer *in vivo*. *Gynecologic Oncology*. 69; 3: 197, 1998.
- 9) **Santoso JT**, Lucci III JA, Miller DS, Wong P, Mathis JM. Does glutamine increase radioresistance in squamous cell carcinoma of the cervix? *Gynecologic Oncology*. 71, 359-363, 1998
- 10) Yost NP, **Santoso JT**, Iliya FA, McIntire DD. Postpartum regression rates of antepartum cervical intraepithelial neoplasia II and III lesions. *Obstetrics and Gynecology*. 93:359-62, 1999.
- 11) **Santoso JT**, Cannada T, Latson B, Alladi K, Lucci III JA, Coleman RL. Prognostic Nutritional Index in Relation to Hospital Stay in Women with Gynecologic Cancer. *Obstetrics and Gynecology*. 95:844-6, 2000.
- 12) Coleman, RL, **Santoso JT**. Vulvar Carcinoma. Current treatment options in oncology. 1: 177-190, 2000.
- 13) **Santoso JT**, Dinh T, Omar S, Gei A, Hannigan EV. Surgical blood loss in abdominal hysterectomy *Gynecologic Oncology*. 82, 364-366, 2001
- 14) **Santoso JT**. Radiation bowel injury. Operative techniques in *Gynecologic Surgery*. 6; 2, 95-97, 2001.
- 15) **Santoso JT**, Engle D, Schaffer L, Wan J. Cancer Diagnosis and Treatment: Communication Accuracy between Patients and Their Physicians. Submitted to *Journal of Clinical Oncology*. 2005
- 16) **Santoso JT**, Hannigan EV, Levine L, Solanki D, Mathru M. Effect of hemodilution on tissue perfusion and blood coagulation during radical hysterectomy. *Gynecologic Oncology*. 82, 252-256, 2001.
- 17) **Santoso JT**. Neoadjuvant chemotherapy for unresectable ovarian carcinoma (Commentary). *Women's Oncol Rev*. 1: 3; 265, 2001.

- 18) Dinh TA, Schnadig VJ, Logrono R, **Santoso JT**. Using cytology to evaluate the endocervical canal after loop conization. *J Lower Gen Ds.* 6: 1; 27, 2002.
- 19) **Santoso JT**. High dose rate cervical ring radiation therapy (Commentary). *Women's Oncol Rev.* 2:2; 169, 2002.
- 20) **Santoso JT**, Lucci III JA, Schaver L, Saferstein R, Hannigan EV. Effect of Saline, Mannitol, and Furosemide on Acute Renal Impairment by Cisplatin – A Randomized Trial. *Cancer Chemother Pharmacol.* 52(1):13-8. 2003
- 21) William JD, **Santoso JT**, Ling FW, Prezepioka D. Pap Smears compliance Among Female Obstetrics-Gynecology Residents. 2003. *Gynecologic Oncology Journal.* 90, 597-600, 2003
- 22) **Santoso JT**, Belinda Schwertner, Hannigan EV. Tumor board in gynecologic oncology. *International Gynecologic Oncology.* 14, 206-209, 2004.
- 23) **Santoso JT**, Cannada T, Latson B, Alladi K, Lucci III JA, Coleman RL Subjective versus objective nutritional assessment study in women with gynecologic cancer: A prospective cohort trial *International Gynecologic Oncology.* 14, 220-223, 2004.
- 24) **Santoso JT**. Improved optimal cytoreduction for stage IIIC and IV ovarian cancer. (Commentary). *Women's Oncol Rev.* 4:4; 263, 2004.
- 25) **Santoso JT**, Saunders B, Grosshart K. Massive blood transfusion in obstetrics & gynecology. *Obstet Gynecol Surv.* 2005 Dec;60(12):827-837
- 26) **Santoso JT**, Engle D, Wan J. Cancer Diagnosis and Treatment: Communication Accuracy between Patients and Their Physicians. *Cancer Journal*, 2006, 12(1) p73-76
- 27) **Santoso JT**, Lee CM, Aronson J. Wan J. Death Diagnosis: Discrepancy on the Medical Record, Death Certificates, and Autopsy Reports in Gyn Oncology. *Gynecol Oncol.* 2006. 101(2):311-4.
- 28) **Santoso JT**. Azadi A. Lymph node count in endometrial cancer – a randomized trial. *Gynecol Oncol.* 2009 May;113(2):159-62.
- 29) **Santoso JT**, Evans L, Lambrecht L, Wan J. Deep venous thrombosis in gynecology oncology. *Eur J Obstet Gynecol Reprod Biol.* 2009 Jun;144(2):173-6
- 30) **Santoso JT**, Tyndall M, Tillmanns TD, Elmore T, Wan J. Teaching effectiveness Score. Accepted *Tenn Medicine* 2009.

Book & Book Chapters

1. Carrol JL, Mathis M, Bell MC, **Santoso JT**. P53 adenovirus as gene therapy for ovarian cancer. *Methods in Molecular Medicine – Humana Press.* Totowa, New Jersey. 2000. J.M.S. Bartlett, Ed. Page 783-792
2. **Santoso JT**, Coleman RL. *Gynecologic Oncology Handbook.* McGraw Hill, Inc. 2001.
3. Ovarian Cancer. American Cancer Society and NCCN Joint publication. Panel Writer. August 2004.

4. **Santoso JT.** Endometrial Cancer. Obstetrics and Gynecology, 6th edition, by Beckmann CRRB, et al. Pub by Lippincott, Williams and Wilkens 2005.
5. **Santoso JT.** Uterine Fibroid. Obstetrics and Gynecology, 6th edition, by Beckmann CRRB, et al. Pub by Lippincott, Williams and Wilkens 2005.

ORAL PRESENTATIONS AND POSTERS:

- 1) **Santoso JT,** Tang DC, Lane S, Hung J, Reed DJ, Muller CY, Lucci III JA, Miller DS, Mathis JM. Adenovirus p53-based gene therapy in ovarian cancer. Oral presentation. Society of Gynecologic Oncologists 26th Annual Meeting, San Francisco, California, February 1995
- 2) **Santoso JT,** Wisner D, Owings J, Battistella F. A comparison of gastric intramucosal pH, global indices and clinical judgment in critically ill patients. Poster. American College of Surgeons Annual Meeting - North Texas Chapter, Dallas, Texas; February 1996.
- 3) Gruenigen VE, **Santoso, JT,** Mathis, J.M., Muller, C.Y., Miller, D.S. #47 Successful adenovirus-mediated p53 gene therapy in ovarian cancer cell line OVCAR-3 *in vitro* and *in vivo*. Oral presentation. Society of Gynecology Oncologists 27th Annual Meeting. New Orleans, Louisiana. February 10-14, 1996. #56 Gynecol. Oncol. 60 (1), 112, 1996.
- 4) Gruenigen VE, **Santoso JT,** Miller DS, Mathis JM. Adenovirus- Mediated Introduction of Wild-Type p53 Can Induce Cell Cycle Arrest at G2/M. Poster. The Society of Gynecologic Oncologist Annual Meeting, Phoenix, Arizona; March 1997.
- 5) **Santoso JT,** Lucci III JA, Miller DS, Wong P, Mathis JM. Does glutamine increase radioresistance in squamous cell carcinoma of the cervix? Poster. American Radium Society Meeting, New York; March 1997.
- 6) **Santoso JT,** Coleman R, Voet R, Bernstein S, Lifshitz S., Miller DS. Interinstitution pathology consultation in gynecologic oncology. Oral presentation. Society of Gynecologic Oncology meeting, Orlando, Florida, February 1998.
- 7) Yost NP, **Santoso JT,** Iliya FA, McIntire DD. Postpartum Regression Rates of Antepartum Cervical intraepithelial Neoplasia II and III Lesions. (Oral presentation – first prize award). American Society for Colposcopy and cervical Pathology. Scottsdale, AZ. March 1998
- 8) Dinh TA, Schnadig VJ, Logrono R, **Santoso JT.** Cytologic smear is an accurate and cost-effective method to evaluate the endocervical canal after loop conization. Poster. Society of Gynecologic Oncology meeting, San Francisco, CA. March 23, 1999.
- 9) **Santoso JT,** Lucci III JA, Arrastia CD, Hannigan E, Schaver L, Saferstein RL. Effect of Saline, Mannitol, and Furosemide on Acute Renal Impairment by Cisplatin. Oral presentation. Society of Gynecologic Oncology meeting, San Francisco, CA, March 23, 1999.
- 10) Copland JA, **Santoso JT.** Vitamin E Succinate and Troglitazone induce apoptosis in Paclitaxel & Platinum- resistant human epithelial ovarian cancer cells. Poster. The 82nd Endocrine Society Annual Meeting. Toronto, June 2000.
- 11) **Santoso JT,** Hannigan EV, Levine L, Solanki D, Mathru M. Effect of Hemodilution on Tissue Perfusion and Blood Coagulation during Radical Hysterectomy. Poster. Society of Gynecologic Oncology meeting, Nashville, TN, March 6, 2001.

- 12) **Santoso JT**, Dinh TA, Omar, S, Hannigan EV. Surgical Blood Loss in Hysterectomy — Under or Overestimated? Poster. Society of Gynecologic Oncology meeting, Nashville, TN, March 6, 2001.
- 13) Copland JA, Gal SA, Ives KL, **Santoso JT**. Vitamin E Succinate Inhibits Drug-Resistant Ovarian Tumor Growth. Oral presentation. Society of Gynecologic Oncology meeting, Nashville, TN, March 6, 2001.
- 14) **Santoso JT**, Belinda Schwertner, Hannigan EV. Tumor board in gynecologic oncology. Poster. Society of Gynecologic Oncology Annual Meeting. New Orleans, LA. January 30, 2003.
- 15) **Santoso JT**, Cannada, T, O'Farrel, B, Alladi, K, Coleman RL. Subjective vs. Objective Nutritional Assessment in Women with Gynecologic Cancer. ASCO. Chicago, IL. May 31-June 3, 2003.
- 16) **Santoso JT**, Lucci III JA, Coleman RL, Schaver L, Hannigan E. Effect of Saline, Mannitol, and Furosemide on Acute Renal Impairment by Cisplatin – A randomized trial. ASCO. Chicago, IL. May 31-June 3, 2003.
- 17) William JD, **Santoso JT**. Pap Smears compliance Among Female Obstetrics-Gynecology Residents. FIGO International Meeting. Chile 2003
- 18) **Santoso JT**, Johnson JB. Pain Control During Brachytherapy in Patients with Cervical Cancer: A Randomized Trial - poster presentation at the 35th Annual Meeting SGO, San Diego. February 7-11, 2004.

RESEARCH ADVISOR (UT Memphis):

1. Judith Williams MD – Pap smear compliance in Ob/gyn residents in the United States – 2001
2. Niki Zite, MD – Randomized trial of Ibuprofen vs. Lidocaine in Endometrial Biopsy – 2001
3. Hoang Giep MD – Randomized trial of local ice application in cervical biopsy – 2002
4. Jenny Beth Johnson MD – Randomized trial of epidural vs patient controlled analgesia in brachytherapy – 2002
5. Jane Show MD – Liquid based cytology in cervical cancer – 2002
6. Dylan Wells MD – Database application for residency case list – 2002
7. David Engle, MD – Socioeconomic effect on oncology patient's knowledge retention – 2004/5
8. Brooks Saunders, MD - Massive blood transfusion in Ob/gyn – 2004/5
9. Leslie Evans, MD – Prevalence and clinical symptoms of deep venous thrombosis in gynecology oncology – 2005.
10. Diana Saitis, MD – Physician's role in smoking cessation in gynecologic oncology patients – 2005.
11. Ali Azadi, MD – Lymph node count in endometrial cancer – a randomized trial – 2006

12. Miriam Tyndall, MD – Teaching effectiveness score in evaluation Ob/gyn faculty by medical students. – 2007
13. Aimee Robinson, MD – CT scan score to predict malignancy in adnexal masses – 2007
14. Ginny Burton, MD – Relationship of BMI and lymph node counts in uterine cancer – 2008
15. Taylor Whaley, MS4 – Residency Efficiency Score – 2008
16. Shannon Ridley, MD – Study of missing lymph node during surgical staging - 2008