

## Curriculum Vitae

**Jesus Esquivel, MD.**

### **Personal:**

**Address:** 900 Caton Avenue  
Mail Box # 207  
Baltimore, Md 21229  
Work #: (410) 368-2743  
Fax #: (410) 951-4007  
Cell #: (301) 717-7144  
e-mail: [jesusesquivel@yahoo.com](mailto:jesusesquivel@yahoo.com)  
website: [www.hipec.org](http://www.hipec.org)

**Marital Status:** Married  
**Wife's Name:** Denise  
**Children:** Gabriella, David and Jacqueline

**Citizenship:** USA

**Date of Birth:** 03/15/64

**Birth Place:** Nashville, Tenn.

### **Education:**

1982 High School. Instituto Cultural Tampico  
Tampico, Tamaulipas. Mexico

1982-1986 Medical School. Universidad Autonoma de Tamaulipas  
Tampico, Tamaulipas. Mexico

1987-1988 Pre-Graduate Internship  
Tampico General Hospital. Tampico, Tamaulipas.(6 months)  
Instituto Nacional de la Nutricion. Mexico City. (6months)

1988-1989 Social Service. Medical Clinic Secretaria de Salubridad y  
Asistencia. Estacion Manuel, Tamaulipas. Mexico

1990-1991 Surgical Internship. Washington Hospital Center  
Washington, DC.

- 1991-1996 General Surgery Residency. The New York Hospital of Queens  
Flushing, NY.
- 1996-1997 Chief Surgical Resident. The New York Hospital of Queens  
Flushing, NY.
- 1997- 1999 Gastro-intestinal Surgical Oncology Fellowship  
Washington Cancer Institute  
Program Director: Paul H. Sugarbaker  
Washington, DC.
- 7/99-12/04 Attending, General and Oncology Surgery  
Kaiser Permanente  
Washington, DC  
National referral for all Kaiser Permanente patients with  
Peritoneal Surface Malignancies
- 12/2004- St Agnes Health Care Hospital  
Baltimore,MD  
Director, Peritoneal Surface Malignancies Program
- 2005-2008 Cancer Liaison Physician  
American College of Surgeons
- 7/2006- Assistant Professor of Gynecologic Oncology  
Johns Hopkins School of Medicine
- 1/2008- Adjunct Member United States Military Cancer Institute

**Board Certification:** American Board of Surgery. October 16, 1998

**Societies:** Fellow American College of Surgeons  
#03038398

Active Member American College of Surgeons  
Oncology Group (ACOSOG)

Society of Surgical Oncology  
Active member 2003

American Society of Clinical Oncology  
Active member 2005

South Eastern Surgical Congress

Active member 2005

International Society of Gastrointestinal Oncology  
Active member 2005

International Scientific Committee  
Peritoneal Surface Oncology Group  
Active member 2004

Sociedad Mexicana de Oncologia  
Honorary member

Society for Surgery of the Alimentary Tract  
Active member 2007

American Society of Peritoneal Surface Malignancies  
Active member 2009

**Medical Licenses:** July 1999, Washington, DC (Active)  
September 1999, Maryland (Active)  
January 1995, New York (Active)

### **Bibliography:**

- 1.- Vidal-Jove J, **Esquivel J**, Buck D, Barrios P, Steves MA, Sugarbaker PH: Technical aspects of adjuvant intraperitoneal chemotherapy. In Proceedings of the 3<sup>rd</sup> International Congress on Neo-Adjuvant Chemotherapy, Banzed P, Holland JF, Khayat D, Weil M, editors. New York, Springer-Verlag, 1991, pp. 239-242.
- 2.- Vidal-Jove J, Pessagno AM, **Esquivel J**, Buck D, Steves MA, Sugarbaker PH: Technical aspect and morbidity assessment of intraperitoneal chemotherapy administered by repeated paracentesis. Reg Cancer Treat 4: 294-297, 1992.
- 3.- **Esquivel J**, Vidal-Jove J, Steves MA, Sugarbaker PH: Morbidity and mortality of cytoreductive surgery and intraperitoneal chemotherapy. Surgery 113: 631-636, 1993.
- 4.- Hong JJ, Gadaleta D, Rossi P, **Esquivel J**, Davis JM: Portal Vein Gas, a changing clinical entity. Arch Surg 132: 1071-1075, 1997.
- 5.- Sugarbaker PH, **Esquivel J**, Gomez A, Berthet B: Clinical research methodologies in diagnosis and staging of patients with peritoneal surface malignancy. (In) Bismuth H, Galmiche JP, Huguier M, Jaeck D (eds); 8th World Congress of the International Gastro-Surgical Club. Monduzzi Editore. Bologna pp 887-891, 1998.

- 6.- **Esquivel J**, Sugarbaker PH: Elective surgery in recurrent colon cancer with peritoneal seeding: When to proceed and when not to. *Cancer Therapeutics* 1: 321-325, 1998.
- 7.- **Esquivel J**, Krishnan J, Jundi M, Sugarbaker PH: Rosai-Dorfman Disease (Sinus Histiocytosis with Massive Lymphadenopathy) of the pancreas: First case report. *Hepato-Gastroenterology* 46: 1202-5, 1999.
- 8.- **Esquivel J**, Farinetti A, Sugarbaker PH: Chirurgia elettiva nella recidiva da cancro del colon con diffusione peritoneale: quando intervenire?. *Il Giornale di Chirurgia* 20 (3): 81-86, 1999.
- 9.- Stephens AD, White SK, Belliveau JF, Bland RK, **Esquivel J**, Joyner JJ, Steves MA, Stuart AO and Sugarbaker PH: Hyperthermic Intraoperative Intraperitoneal Chemotherapy: A Multidisciplinary Manual for Perioperative Staff. October, 1998.
- 10.- Stephens AD, Sugarbaker PH, Alderman R, Chang D, **Esquivel J**, Steves MA: Morbidity and mortality of 200 treatments with cytoreductive surgery and hyperthermic intraoperative intraperitoneal chemotherapy using the coliseum technique. *Ann Surg Onc* 6(8): 790-796, 1999.
- 11.- **Esquivel J**, Angulo F, Bland KB, Stephens AD and Sugarbaker PH: Hemodynamic and Cardiac Function Parameters during Heated Intraoperative Intraperitoneal Chemotherapy. *Ann Surg Onc* 7(4): 296-300,2000.
- 12.- Pestieau SR, **Esquivel J** and Sugarbaker PH: Pleural extension of Mucinous Tumor in patients with Pseudomyxoma Peritonei Syndrome. *Ann Surg Onc* 7(3): 199-203,2000.
- 13.- **Esquivel J** and Sugarbaker PH: Pseudomyxoma Peritonei in a hernia sac: Analysis of 20 patients in whom mucoid fluid was found during a hernia repair *Eur J Surg Onc* 27(1): 54-58,2001.
- 14.- **Esquivel J** and Sugarbaker PH: Clinical Presentation of The Pseudomyxoma Peritonei Syndrome. *Br J Surg* 87:1414-1418,2000.
- 15.- Maurette R, **Esquivel J**, Mihura M and Sugarbaker PH: Manejo de la Carcinomatosis Peritoneal: Rol del Cirujano. *Rev Argentina Cirug.* 79:123-137; 2000.
- 16.- **Esquivel J** and Sugarbaker PH: Second-look surgery in patients with peritoneal dissemination of appendiceal malignancy. Analysis of Prognostic Factors in 98 patients. *Ann Surg* 234(2):198-205,2001.

- 17.- Brackman MR, Foley E, **Esquivel J**, Boisvert ME, Davis SK et al. Bare bones laparoscopy: A randomized prospective trial of cost savings in laparoscopic cholecystectomy. *J Laparoendosc Adv Surg Tech A*. 12 (6): 411-7, Dec 2002.
- 18.- Carmignani CP, **Esquivel J**, Sugarbaker PH: Cytoreductive surgery and intraperitoneal chemotherapy in the treatment of peritoneal surface malignancy. *Rev Oncol* 5(4):192-198, 2003
- 19.- Jundi M, Lack EE, Brun EA, **Esquivel J**, Kumar D. Glomus Tumor of the duodenum: a case report. *Int J Surg Pathol*. 12(4): 411-414, 2004.
- 20.- Fripp VT, **Esquivel J** and Cerruto AC. Perianal Melanoma Disguised as Hemorrhoids: Case Report and Discussion. *J Natl Medical Assoc*. 97, No 5,726-731, May 2005.
- 21.-**Esquivel J**. Multidisciplinary Sequential Therapy for the Treatment of Peritoneal Surface Malignancies of colo-rectal origin: A plea for cooperation between Medical and Surgical Oncologists. *Ann of Surg Onc Nov*, 2005 (Letter to the editor).
- 22.- Sugarbaker PH, Alderman R, Edwards G, Marquardt CE, Gushchin V, **Esquivel J**, Chang D: Prospective morbidity and mortality assessment of cytoreductive surgery plus perioperative intraperitoneal chemotherapy to treat peritoneal dissemination of appendiceal mucinous malignancy. *Ann Surg Oncol* May 2006.
- 23.- Yan TD, **Esquivel J**, Carmignani P, Sugarbaker PH: Cytoreduction and intraperitoneal chemotherapy for the management of non-gynecologic peritoneal surface malignancy. *J Exp Clin Cancer Res* 22,4, 109-117, 2003.
- 24.- Sugarbaker PH, **Esquivel J**, Eroglu A: Search for the critical difference in surgical technology for colorectal cancer resection. XXV Volume, International Meeting of Surgery.
- 25.- Cabanas J, da Silva R, Zappa L, **Esquivel J**, Cerruto C, Goldstein P, Sugarbaker PH: Splenic metastases from mucinous neoplasms of the appendix and colon. *Tumori*. 92 (2):104-12, 2006.
- 26.- **Esquivel J**, Davis SK, Manning D. Peritoneal Surface Malignancies of Appendiceal Origin: The KP-MARCC experience. *Am Surg* 72(8):714-7, 2006.
- 27.- **Esquivel J**, Sticca R, Levine E, Sugarbaker PH, and The Peritoneal Surface Malignancy Group. Cytoreductive Surgery and Intraperitoneal Hyperthermic

Chemotherapy in the Management of Peritoneal Surface Malignancies of Colonic Origin: A Consensus Statement. *Annals of Surg Onc* Jan 2007.

28.- Kerscher A, Pitroff AN and **Esquivel J**. Morbidity and Mortality of 109 Consecutive Cytoreductive Surgeries with Intraperitoneal Hyperthermic Chemotherapy. (submitted WJSO).

29.- **Esquivel J**, Elias D, Baratti D, Kusamura S and Deraco M. Consensus Statement on the Loco Regional Treatment of Colorectal Cancer with Peritoneal Dissemination. *Journal Surg Oncology*; 98:263-267,2008.

30.- **Esquivel J**. Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in the management of Peritoneal Surface Malignancies of Colonic Origin. *Applied Cancer Research*; Vol 27, No 4, 2007.

31.- Hamirani Y, Ndigwe E, Kompella S, Mannuel H, Shekitka K, Siebel J and **Esquivel J**. Epithelioid hemangioendothelioma of the peritoneum: A diagnostic challenge. *Surgical Rounds*. Vol 31, NO 3: 72-76,2008.

32.- Pelz O, Stojadinovic A, Nissan A, Hohenberger W and **Esquivel J**. Evaluation of a Peritoneal Surface Disease Severity Score in patients with Colon Cancer and Peritoneal Dissemination. *J Surg Oncol*; 99 (1): 9-15, 2009.

33.- Kerscher A and **Esquivel J**. Current status and future directions: Management of colon cancer with peritoneal dissemination. *Future Oncology*. 4 (5), 671-679, 2008.

34.- **Esquivel J**, Nissan A, Stojadinovic A. Cytoreductive Surgery and heated intraperitoneal chemotherapy in the treatment of peritoneal carcinomatosis of colorectal origin: The need for practice altering data. *J Surg Oncol*; 98 (6) 397-8, 2008.

35.- Chua T, Pelz O, Kerscher A and **Esquivel J**. Peritoneal Carcinomatosis Secondary to Signet Ring Cell Adenocarcinomas of Colonic or Appendiceal Origin: Report on 33 patients. *Ann Surg Oncol* (in press)

36.- Moradi B and **Esquivel J**. Learning Curve in Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. *J Surg Oncol*;100 (4): 293-296, 2009.

37.- **Esquivel J**. Technology of HIPEC in the United States, Europe, China, Korea and Japan. *Cancer Journal*; 15 (3) 249-54, 2009.

38.- **Esquivel J** and Averbach A. Combined Laparoscopic Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in a patient with peritoneal

mesothelioma: First Case Report. J Laparoendosc Adv Surg Tech; 19 (4): 505-7, 2009.

39.- Chua T, Morris D and **Esquivel J**. Impact of the Peritoneal Disease Severity Score in patients with colorectal carcinomatosis undergoing complete cytoreductive surgery and HIPEC. (submitted)

40.- **Esquivel J** and Chua T. CT versus Intraoperative Peritoneal Cancer Index: The importance of the difference between Statistical Significance and Clinical Relevance. Ann Surg Oncol; 16 (9) 2662, 2009.

41.- Nissan A, Stojadinovic A, Garofalo A, **Esquivel J** and Piso P. Evidence-based medicine in the treatment of peritoneal carcinomatosis: Past, present and future. J Surg Oncol; 100 (4): 335-344, 2009.

42.- Piso P, Glockzin G, von Breitenbuch P, Sulaiman T, Popp F, Dahlke M, **Esquivel J** and Schlitt H. Patient Selection for a Curative Approach to Carcinomatosis. Cancer Journal; 15 (3) 236-42, 2009.

43.- **Esquivel J**, Chua T, Stojadinovic A, Torres-Melero J, Levine E et al. Accuracy and Clinical Relevante of Computed Tomography Scan Interpretation of Peritoneal Cancer Index in Colorectal Cancer Peritoneal Carcinomatosis: A Multi-Institutional Study. (submitted).

44.- Chua T, Morris D, Marshall J, Koong H and **Esquivel J**. Redefining Standards of Care in Metastatic Colorectal Cancer through Complete Surgical Eradiation of Metastases? (submitted)

45.- Stojadinovic A, Nissan A, Eberhardt J, Chua T, Pelz J and **Esquivel J**. Development of a Bayesian Belief Network Model for Personalized Prognostic Risk Aessment in Colon Carcinomatosis. (submitted)

46.- Gillern S, Chua T, Stojadinovic A and **Esquivel J**. K-Ras Status in Patients with Colorectal Cancer Peritoneal Carcinomatosis and Its Impact on Outcome. (submitted)

47.- Chua T and **Esquivel J**. Multi-Modality Therapy for Metastatic Colorectal Cancer. Letter to the Editor. American Surgeon (in press).

48.- **Esquivel J**, Averbach A, Chua T, Singh M and Franco G. Laparoscopic Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in Patients with Limited Peritoneal Surface Malignancies: Initial Feasibility and Safety Results. (submitted)

49.- **Esquivel J** and Sugarbaker PH. Response to Letter to the Editor. Cancer Journal (in press).

### **Book chapters:**

- 1.- **Esquivel J** and Sugarbaker PH. Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy: The Surgeon's Role. Cameron's Current Surgical Therapy Textbook. Ninth Edition, 2007.
- 2.- **Esquivel J** and Helm W. Methods of Delivering Intraperitoneal Hyperthermic Chemotherapy: The Open and Closed Techniques. Humana Press, July 2007.
3. **Esquivel J**. Cytoreductive Surgery for Peritoneal Malignancies-Development of Standards of Care for the Community. Surg Onc Clinics of North America, July 2007.

### **Protocols:**

**National Cancer Institute Investigator number:** 38425

- 1.- Sardi A, **Esquivel J**. Phase I/II Study of Hyperthermic Intraoperative Intraperitoneal Chemotherapy for Intraabdominally Advanced Gastrointestinal, Ovarian cancers, Peritoneal Mesothelioma, Small Bowel Carcinoma with Peritoneal Spread, and Sarcomas. St Agnes Hospital-IRB # 1997-026. (Active)
- 2.- **Esquivel J**, Hudes R, Sardi A. Phase I/II Study of Chemopotentiator whole abdominal irradiation with low dose fractionated Tomo-therapy combined with Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy in the treatment of Peritoneal Surface Malignancies of Gastrointestinal Origin. St Agnes Hospital. (Active).
- 3.- **Esquivel J**. A Prospective Evaluation to Determine the Incidence of Asymptomatic, Radiologically Detected Pulmonary Embolism and/or Ilio-Femoral Deep Vein Thrombosis in Patients Undergoing Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy.
- 4.- **Esquivel J**, Sticca R, Levine E, et al. Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in the treatment of Colon Cancer with Peritoneal Dissemination: An International Registry Study.
- 5.- **Esquivel J**, Moyer MP, Morris J, et al. Gene expression analysis on cultured PMP cells (Active)
- 6.- **Esquivel J**, Franco G and Averbach A. Laparoscopic Cytoreductive Surgery and HIPEC in patients with limited Peritoneal Surface Malignancies. (Active)

### **Scientific exhibit:**

- 1.- Sugarbaker PH, Averbach A, **Esquivel J**, Steves MA, Stephens A, White S: Technical factors control the outcome in patients with colon and rectal cancer American College of Surgeons Meeting. Orlando, FL. October 1998.
- 2.- Pitroff AN and **Esquivel J**. Appendix Cancer Diagnosed after an Uneventful Appendectomy for Acute Appendicitis: What Should the Next Step Be?. ASCO/SSO GI Symposium. San Francisco, CA. January 2006.
- 3.- Halonen J, and **Esquivel J**. The Isolated Peritoneal Failure Syndrome in Metastatic Colorectal Cancer: Presenting an evidence based clinical pathway. SSO Meeting. San Diego, CA. March 2006.
4. - Pitroff AN and **Esquivel J**. Cytoreductive Surgery with Hyperthermic Intraperitoneal Chemotherapy in the Management of Intractable Malignant Ascites Secondary to Peritoneal Surface Malignancies of Colorectal Origin. ASC Clinical Congress. Chicago, IL October 2006.
- 5.- Pitroff AN and **Esquivel J**. Cytoreductive Surgery with Hyperthermic Intraperitoneal Chemotherapy in the Management of Intractable Malignant Ascites Secondary to Peritoneal Surface Malignancies of Colorectal Origin. 2<sup>nd</sup> International Regional Cancer Therapy Meeting. Puerto Rico, February 2007.
- 6.- Pitroff AN and **Esquivel J**. Prospective evaluation of the Peritoneal Cancer Index (PCI) by Computed Tomography in patients with Peritoneal Surface Malignancies. SSO meeting. Washington, DC. March 2007.
- 7.- **Esquivel J**. Staging Classification of Colon Cancer with Peritoneal Carcinomatosis. ASCO-GI Meeting. Orlando, FL. January 2008.

### **Oral Presentations:**

- 1.- Peritoneal Surface Malignancies: The Kaiser Permanente Experience. East Bay Surgical Society Meeting. Napa Valley; May 2004.
- 2.- New Developments in the Treatment of Colo-rectal Cancer. Managed Care Meeting. Washington Hospital Center; June 2004.
- 3.- New Developments in the Treatment of Peritoneal Surface Malignancies. Surgical Rounds. Memorial-Sloan Kettering Cancer Center; September 2004.

- 4.- Cytoreductive Surgery and Intraperitoneal Chemotherapy. Surgical Ground Rounds. Sibley Hospital. November 2004.
- 5.- A Critical Appraisal of Cytoreductive Surgery and Intraperitoneal Chemotherapy in the Treatment of Peritoneal Surface Malignancies. Breakfast with the Professor session. Society of Surgical Oncology. Atlanta, Ga. March 2005.
- 6.- Cytoreductive Surgery and Intraperitoneal Chemotherapy in the Treatment of Peritoneal Carcinomatosis. Dinner/Lecture. Baltimore, MD. April 2005.
- 7.- New Developments in the Treatment of Peritoneal Surface Malignancies. Dinner/Lecture. Washington, DC. June 2005.
- 8.- Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy in Peritoneal Surface Malignancies of Colo-rectal Origin. GI Tumor Board. Johns Hopkins Hospital. June 2005.
- 9.- Mid-Atlantic Oncology Update. Moderator GI/Colorectal Cancer Update. University of Maryland. June 4, 2005.
- 10.- Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy. Oncology Nursing Staff Education Seminar. St Agnes Hospital. August 12, 2005.
- 11.- Peritonectomy Procedures and Intraperitoneal Hyperthermic Chemotherapy. Sociedad Mexicana de Oncologia. Acapulco, Mexico. October 2005.
- 12.- Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy. Gynecological Oncology Ground Rounds. MSKCC. November 2005.
- 13.- Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy. Dinner Lecture. Pittsburgh, PA. December 2005.
- 14.- Preoperative Selection Criteria for Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy in the Management of Peritoneal Surface Malignancies of Colonic Origin. First International Symposium in Regional Cancer Therapy. Snowmass, CO. January 2006.
- 15.- Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy in the Management of Peritoneal Surface Malignancies. Napa, California. November 2006.
- 16.-Consensus Statement on Colorectal Cancer with Peritoneal Dissemination: Role of Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy.

Fifth International Peritoneal Surface Malignancy Workshop. Milan, Italy.  
December 2006.

17.-Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic  
Chemotherapy in the Management of Peritoneal Surface Malignancies of Colonic  
Origin. SSO Meeting. Washington, DC. March 2007.

18.-Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic  
Chemotherapy in the Management of Peritoneal Surface Malignancies of Colonic  
Origin. Medica Sur Annual Meeting. Tampico, Mexico. October 2007.

19.-Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic  
Chemotherapy in the Management of Peritoneal Surface Malignancies of Colonic  
Origin. Delaware Medical Society. Rehobot, Delaware. October 2007.

20.- Controversies in the Management of Peritoneal Surface Malignancies of  
Colonic Origin. Almeria, Spain. November 2007.

21.- Current Status of Cytoreductive Surgery and Intraperitoneal Hyperthermic  
Chemotherapy in the Management of Peritoneal Surface Malignancies of Colonic  
Origin. Hem/Onc Grand Rounds. Cornell University Hospital. New York, NY.  
February 2008.