

DR. WILLIAM H. GOODSON III

DIAGNOSIS AND CARE OF BREAST DISEASES



DR. GOODSON

Dr. William Goodson has 30 years of experience in The Diagnosis and Care of Breast Diseases. He is a leader in breast care in San Francisco, California, and he was the only Northern California surgeon to participate in the original clinical trials that demonstrated that breast conservation, i.e. “lumpectomy,” is a safe and effective treatment for early breast cancer. His commitment to the best care possible means that he has conducted and published original peer-reviewed research on most aspects of breast diseases.

Dr. Goodson graduated from Harvard Medical School and went on to do his surgery training at Case Western Reserve University in Cleveland, Ohio and at Boston Children’s Hospital in Boston, Massachusetts. He moved to California to do Research and join the faculty of the University of California San Francisco Medical School where he was Professor of Surgery from 1989 to 1997. While at UCSF he was Chief of the Breast Screening Center and Chairman of the Medical School Curriculum Committee.

In 1997, Dr. Goodson moved his affiliation to California Pacific Medical Center where he independently practices The Diagnosis and Care of Breast Diseases. At CPMC, Dr. Goodson is a Senior Clinical Research Scientist in the CPMC Research Institute, where he is actively involved in research on how environmental chemicals impact women’s and children’s health. He is also on the board of directors of the Institute for Medical Quality, an organization dedicated to improving the quality of care provided to patients.

Dr. Goodson has written *It’s Your Body . . . Ask!* “Questions to ask your doctor about your breast care.” The questions from the book are available on this website [\[click here\]](#). In addition, Dr. Goodson has published over 100 articles on breast diseases, wound healing, and patient care ethics including women’s rights [\[click here for selected articles\]](#).

Dr. Goodson is a member of the Society for Surgical Oncology, the American College of Surgeons, the American Society of Breast Surgeons, the American Society for Clinical Oncology, the Pacific Coast Surgical Society, and the Society of University Surgeons. He has been listed in the Best Doctors in America since 1991.

In addition to his practice and his research, Dr. Goodson enjoys writing, photography, biking, animation and spending time with his family.

SELECTED RESEARCH ARTICLES BY DR. GOODSON

ENVIRONMENTAL CHEMICALS

Bisphenol-A (BPA) and methylparaben cause normal breast cells to behave like breast cancer cells. “Activation of the mTOR pathway by low levels of xenoestrogens in breast epithelial cells from high-risk women” by Goodson et al in the journal Carcinogenesis in 2011. [\[click to see article\]](#)

BETTER BREAST EXAMINATIONS

As expected, focusing clinician attention leads to better clinical care as shown by better breast examinations. “Optimization of Clinical Breast Examination” by Goodson et al in the American Journal of Medicine in 2010. [\[click to see article\]](#)

IMPROVED RESULTS FROM BREAST SURGERY

Dr. Goodson has pioneered the use of oncoplastic techniques to optimize the appearance of a woman’s breast after surgery to remove cancer. “Closure of Partial Mastectomy” by Dr. Goodson in American Journal of Surgery in 2006. [\[click to see article\]](#)

MAKING BREAST EXAMINATIONS LESS COMPLICATED

It is possible to detect virtually all palpable breast cancers when the patient is lying down, as long as the clinician slows down. “Streamlining Clinical Breast Examination” by Goodson et al in the Journal of the National Cancer Institute in 2005. [\[click to see article\]](#)

PREVENTING DELAYED DIAGNOSIS OF BREAST CANCER

Using a negative mammogram to rule out cancer is the most common reason the diagnosis of breast cancer is delayed. “Cause of Physician Delay in the Diagnosis of Breast Cancer” by Goodson et al in the Archives of Internal Medicine in 2002. [\[click to see article\]](#)

UNDERSTANDING THE NATURE OF BREAST CANCER

A fast growing breast cancer is as worrisome as if cancer has spread to lymph nodes. “The prognostic value of proliferation indices: a study with in vitro bromodeoxyuridine and Ki-67” by Goodson et al published in Breast Cancer Research and Treatment in 2000. [\[click to see article\]](#)

HEALTHY PATIENTS HEAL BETTER

Patients heal better if they take good care of their health before surgery. “The influence of a brief preoperative illness on postoperative healing” by Goodson et al published in the Annals of Surgery in 1987. [\[click to see article\]](#)

CAREER HIGHLIGHTS

2011 – Komen for the Cure, Bay Area Affiliate, “Joanne Horning You Can Make a Difference Award”

2009 – Institute for Health and Healing of California Pacific Medical Center, “Compassionate Caring Award”

2008 – First publication (with Dr. Shanaz Dairkee) on effects of the environmental chemical BPA

(bisphenol-A) on normal human breast cells.

2005 – 520 Best Doctors, San Francisco Magazine

2004 – Board of Directors, Institute for Medical Quality

2001 – Top 500 Doctors, San Francisco Magazine

2000 – Presentation, Petrov Institute of Oncology, St. Petersburg, Russia. “Quality control in the diagnosis of breast cancer.” First of many continuing education lectures in Russia.

1999 – President, San Francisco Medical Society

1999 – 425 Best Doctors, San Francisco Magazine

1997 – Senior Clinical Research Scientist, California Pacific Medical Center Research Institute

1995 – Who’s Who in America in Science and Engineering

1993 – Faculty Council, UCSF Medical School

1993 – Chairman, Committee Curriculum and Education Policy for UCSF Medical School

1992 – Chairman, Core Clerkships Operations Committee, UCSF Medical School

1992 – Student Faculty Liaison Committee, UCSF

1991 – Alumni Citation for Achievement, William Jewell College

1991 – Best Doctors in America (continuing through 2012)

1991 – Fogarty International Fellowship, National Institutes of Health

1990 – Ethics Committee, UCSF Medical Center

1990 – Chairman, Department of Surgery Quality Assurance Committee, UCSF

1990 – Director, required Core Clerkship in Surgery, UCSF Medical School

1989 – Professor of Surgery, University of California, San Francisco, CA

1988 – Class of 1990 Teaching Award

1984 – “America’s top 184 doctors for Breast Cancer” Good Housekeeping Magazine

1984 – Chairman, Quality of Care Committee, UCSF Hospitals

1983 – Associate Professor of Surgery, University of California, San Francisco, CA

1982 - Chief, Breast Screening Center, University of California, San Francisco, CA

1979 – Fellow of the American College of Surgeons

1978 – Certified American Board of Surgery (currently re-certified through 2019).

COMPLETE LIST OF PUBLICATIONS

Original Articles

1976 Goodson III WH, Hohn DC, Hunt TK, Leung DYK: Augmentation of some aspects of wound healing by a “skin respiratory factor.” *Journal of Surgical Research* 21:125-29.

1977 Goodson III WH, Hunt TK: Studies of wound healing in experimental diabetes mellitus. *Journal of Surgical Research* 22:221-27

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1979 Thakral KK, Goodson III WH, Hunt TK: Stimulation of wound blood vessel growth by wound macrophages. *Journal of Surgical Research* 26:430-36.

1979 Goodson III WH, Andrews WS, Thakral KK, Hunt TK: Wound Oxygen Tension in Large Versus Small Wound in Man. *Surgical Forum* 30:93-5.

- 1979 Goodson III WH, Hunt TK: Deficient collagen formation by obese mice in a standard wound model. *American Journal of Surgery* 138:692-94.
- 1981 Goodson III WH, Hunt TK: Studies of wound healing in experimental diabetic syndromes. *Pediatric and Adolescent Endocrinology* 9:67-70.
- 1982 Ernster VL, Mason L, Goodson III WH, Sickles EH, Sacks St, Selvin S, Dupuy ME, Hawkinson J, Hunt TKH: Effect of caffeine-free diet on benign breast disease; A randomized trial. *Surgery* 91:263-67.
- 1982 Goodson III WH, Hunt TK: Development of a new miniature method for the study of wound healing in human subjects. *Journal of Surgical Research* 33:394-401.
- 1982 Goodson III WH, Lindenfeld SM, Omachi R, Hunt TK: Chronic uremia does cause poor healing. *Surgical Forum* 33:54-56
- 1982 Chang N, Goodson III WH, Gottrup F, Hunt TK: Direct measurement of tissue oxygen tension in postoperative patients. *Surgical Forum* 33:52-54.
- 1982 Knighton DR, Hunt TK, Thakral KK, Goodson III WH: Role of platelets and fibrin in the healing sequence — An in vivo study of angiogenesis and collagen synthesis. *Annals of Surgery* 196:379.
- 1982 Gaudiani VA, Miller DC, Goodson III WH, Billingham M, Reitz BA, Stinson EB, Schumway NE: Collagen synthesis and wound repair after myocardial incision. *Surgery Forum* 33:56-58.
- 1982 Goodson WH: Diagnosing the data on the treatment of Stage I and Stage II Breast Cancer. *Resident and Staff Physician* , 63-66.
- 1983 Chang N, Goodson III WH, Gottrup F, Hunt TK: Direct measurement of wound and tissue oxygen tension in postoperative patients. *Annals of Surgery* 197: 470-478.
- 1983 Sickles EA, Klein DL, Goodson III WH, Hunt TK: Mammography following needle aspiration of palpable breast masses. *American Journal of Surgery* 145:395-397.
- 1983 Abele JS, Miller TR, Goodson III WH, Hunt TK, Hohn DC: Fine-needle aspiration of palpable breast masses: A program for phased introduction. *Archives of Surgery* 118:859-863.
- 1983 Gottrup F, Firmin R, Chang N, Goodson III WH, Hunt TK: Continuous direct tissue oxygen tension measurement by a new method using an implantable Silastic (R) tonometer and oxygen polarography. *American Journal of Surgery* 146: 399-403.
- 1984 Knighton DR, Thakral KK, Goodson III WH, Andrews W: Studies on inflammation and wound healing Angiogenesis and collagen synthesis stimulated in vivo by resident and activated wound macrophages. *Surgery* 96:48-54.
- 1984 Goodson III WH, Hunt TK: Wound healing in well-controlled diabetic men. *Surgical Forum* 35: 614-616.
- 1984 Hunt TK, Knighton DR, Thakral KK, Goodson III WH, Andrews WS: Studies on inflammation and wound healing: Angiogenesis and collagen synthesis stimulated in vivo by

resident and activated wound macrophages. *Surgery* 96:48-54

1985 Goodson JG, Buller C, Goodson III WH: Prenatal child safety education. *Obstetrics and Gynecology* 65: 312-315.

1985 Ernster VL, Goodson III WH, Hunt TK, Petrakis NL, Sickles EA, Miike R, Vitamin E and benign breast "disease": A double-blind, randomized clinical trial. *Surgery* 97: 490-494.

1985 Adzick NS, Harrison MR, Glick PL, Beckstead JH, Villa RL, Scheuenstuhl H, Goodson III WH: Comparison of fetal, newborn and adult wound healing by histologic, enzyme-histochemical, hydroxyproline determinations. *Journal of Pediatric Surgery* 20: 315-319.

1985 Goodson III WH, Mailman R, Jacobson M, Hunt TK: What do breast symptoms mean? *American Journal Surgery* 150:271-274.

1985 Jensen JA, Jonsson K, Hunt TK, Goodson III WH, Roizen MF: Epinephrine lowers subcutaneous wound oxygen tension. *Current Surgery* 42:472-474.

1985 Jensen JA, Goodson III WH, Vasconez L, Knighton DR, Hunt TK: Wound healing in anemia: A case report. *Western Journal Medicine* 144:465-466.

1986 Goodson III WH, Hunt TK: Wound collagen accumulation in obese, hyperglycemic mice. *Diabetes* 35:491-95.

1986 Cohen RG, DeCampi WM, Weiss LM, Henderson VJ, Gaudiani VA, Goodson III WH, Billingham ME, Miller DC: Autologous pericardium versus a xenograft substitute in myocardial wound healing. *Journal Surgical Research* 41:352-361.

1986 Rabkin J, Hunt TK, von Smitten K, Goodson III WH: Wound healing assessment by radioisotope incubation of tissue samples in PTFE tubes. *Surgical Forum* 37:592-594.

1986 Jonsson K, Jensen JA, Goodson III WH, Hunt TK: Wound healing in subcutaneous tissue of surgical patients in relation to oxygen availability. *Surgical Forum* 37:86-88.

1986 Goodson III WH: The value of radiation therapy after excision of stage I breast cancer. *Drugs Exp Clin Res* 12:153-158.

1987 Hunt TK, Rabkin J, Jensen JA, Jonsson K, von Smitten K, Goodson III WH, Tissue oximetry: An interim report. *World Journal of Surgery* 11:126-133

1987 Jonsson K, Jensen JA, Goodson III WH, West J, Hunt TK: Assessment of perfusion in postoperative patients using tissue oxygen measurements, *British Journal of Surgery* 74:263-67.

1987 Goodson III WH, Lopez-Sarmiento A, Jensen JA, West J, Granja-Mena L, Chavez-Estrella J: The influence of a brief preoperative illness on postoperative healing. *Annals of Surgery* 205:250-255.

1987 Jensen JA, Goodson III WH, Omachi R, Lindenfeld SM, Hunt TK: Subcutaneous tissue oxygen tension falls during hemodialysis. *Surgery* 101:416-421.

1987 Goodson III WH, Mailman R, Miller TR: Three-year follow up of benign fine-needle aspiration biopsies of the breast. *American Journal of Surgery* 154:58-61.

- 1987 Jensen JA, Riggs K, Vasconez LC, Goodson III WH, Rabkin J, Hunt TK: Clinical assessment of postoperative peripheral perfusion. *Surgical Forum* 38:66-67.
- 1987 Ernster VL, Wrensch MR, Petrakis NL, King EB, Miike R, Murai J, Goodson III WH, Siiteri PK: Benign and malignant breast disease: Initial study results of serum and breast fluid analyses of endogenous estrogens. *J Natl Cancer Inst.* 79:949-960.
- 1987 Jensen JA, Kosek JC, Hunt TK, Goodson III WH, Miller DC: Cardiac cryolesions as an experimental model of myocardial wound healing. *Ann Surg* 206:798-803.
- 1987 Petrakis NL, Wrensch MR, Ernster VL, Miike R, King EB, Goodson III WH: Prognostic significance of atypical epithelial hyperplasia in nipple aspirates of breast fluid (letter) *Lancet*, August.
- 1988 Hunt TK, Goodson III WH: Wound healing (letter) *Br J Surgery* 75, 1988.
- 1988 Grady D, Hodgkins ML, Goodson III WH. Topics in primary care medicine. The lumpy breast. *West J. Med* 149:226-229.
- 1989 Wrensch MR, Petrakis NL, Gruenke RM, et al: Breast fluid cholesterol and cholesterol beta-epoxide concentrations in women with benign breast disease. *Cancer Res* 49:2168-2174.
- 1989 Steenfos H, Hunt TK, Goodson III WH: Selective effects of tumor necrosis factor alpha on wound healing in rats. *Surgery* 106: 171-176.
- 1990 Goodson III WH, Miller TR, Sickles EA, Upton RA: Clinical Breast Examination and the Presence of High Risk Histopathology – A Lack of Correlation. *The American Journal of Medicine* 89:752-6.
- 1990 Goodson III WH, Waldman F, Ljung BM, Benz C, Mayall B, Chew K, Moore D, Smith HS, Goldman E: Bromodeoxyuridine Labeling of Human Breast Cancer: Preliminary Results and Inverse Association with Progesterone Receptor Content. *Proc ASCO* 9:50.
- 1991 Konstantin C, Chew KL, Ljung BM, Waldman FM, Duarte LA, Goodson III WH, Smith HS, Mayall BS: Proliferation of Normal Breast Epithelial Cells As Shown by In Vivo Labeling with Bromodeoxyuridine. *The American Journal of Pathology* 138:1371-77.
- 1991 Mayall BH, Carroll PC, Goodson III WH: Marker Evaluation of Human Breast and Bladder Cancers. In: Flow Cytometry and Image Analysis for Clinical Applications. (eds) Nishiya I, Cram LS, Gray JW. Elsevier Science Publishers, B.V. pp 291-297.
- 1991 Jensen JA, Goodson III WH, Hopf HW, et al: Cigarette Smoking Decreases Tissue Oxygen. *Archives of Surgery* 126: 1131-1134.
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- 1992 Waldman FM, Chew K, Goodson III WH, et al: "A Comparison between Bromodeoxyuridine and 3H Thymidine Labeling in Human Breast Tumors:", *Mod Pathology* 4:718-722.
- 1991 Petrakis NL, King EB, Goodson III WH, et al: Breast Cancer Incidence in Women with Abnormal Cytology in Nipple Aspirates of Breast Fluid. *Amer Journal of Epid*, 135: 130-141.
- 1992 Gartrell NK, Milliken N. Goodson III WH, et al: Physician-Patient Sexual Contact Prevalence and Problems. *West J of Med*, 157:139-143.
- 1993 Goodson III WH, Ljung BM, Moore II DH, et al: Tumor Labeling Indices of Primary Breast Cancers and Their Regional Lymph Nodes Metastases. *Cancer* 71: 3914-19.
- 1993 Weidner N, Moore II DH, Goodson III WH et al: Correlation of Bromodeoxyuridine (BRDU) Labeling of Breast Carcinoma Cells with Mitotic Figure Content and Tumor Grade. *Am Jr of Surgical Path* 17: 987-994.
- 1993 Whitney, JD, Stotts NA, Goodson III WH, et al: The Effects of Activity and Bed Rest On Tissue Oxygen Tension, Perfusion, and Plasma Volume. *Nursing Research* 42:349-355.
- 1994 Hunt TK, Slavin JP, Goodson III WH, et al: Starch Powder Contamination of Surgical Wounds *Archives of Surgery* 129: 825-828.
- 1994 Bhargava V, Thor A, Goodson III WH et al: The Association of p53 Immunopositivity with Tumor Proliferation and Other Prognostic Indicators in Breast Cancer. *Modern Pathology*:7(3) 361-368.
- 1994 Christov K, Chew KL, Ljung BM et al: Cell Proliferation in Hyperplastic and *In Situ* Carcinoma Lesions of the Breast Estimated by *In Vivo* Labeling With Bromodeoxyuridine. *Journal of Cellular Biochemistry, Sup* 19:165-172.
- 1995 Jeffrey SS, Goodson III WH, Ikeda DM, Bridwell RL, Bogetz MS: Axillary Lymphadenectomy for Breast Cancer Without Axillary Drainage. *Arch Surgery* 130: 909-913
- 1996 Goodson III WH: Clinical Breast Examination. *The Western Journal of Medicine* 164:355-358
- 1997 Hopf HW, Hunt TK, West JM, Blomquist P, Goodson WH 3rd, Jensen JA, et al: Wound tissue oxygen tension predicts the risk of wound infection in surgical patients. *Arch Surg* 132: 997-1004.
- 1997 Nishizaki T, DeVries S, Chew K, Goodson, WH III, Ljung BM, Thor A, Waldman FM: Genetic alterations in primary breast cancers and their metastases: Direct comparison using modified comparative genomic hybridization. *Genes, Chromosomes Cancer* 19: 267-272.
- 1998 Goodson WH III, Moore DH II, Ljung BM, Chew K, Florendo C, Mayall B, Smith HS, Waldman FM: The functional relationship between in vivo bromodeoxyuridine labeling index and Ki-67 proliferation index in human breast cancer. *Breast Cancer Res Treat* 49: 155-64.
- 2000 Goodson WH III, Moore DH II, Ljung BM, Chew K, Mayall B, Smith HS, Waldman FM: The prognostic value of proliferation indices: a study with *in vitro* bromodeoxyuridine and Ki-67. *Breast Cancer Res Treat* 59: 113-123.

- 2000 Goodson WH III, Moore DH II. Letter Re: Clinical breast examination for detecting breast cancer. JAMA. 283(13): 1688-9.
- 2001 Ljung BM, Drejet A, Chiampi N, Jeffrey J, Goodson WH 3rd, Chew K, Moore DH 2nd, Miller TR. Diagnostic accuracy of fine-needle aspiration biopsy is determined by physician training in sampling technique. Cancer. 93:263-8.
- 2002 Goodson, WH III, Moore DH II. Causes of physician delay in the diagnosis of breast cancer. Arch Int Med 162: 1343-1348.
- 2002 Goodson WH III, Moore DH II. Overall clinical examination as a factor in delayed diagnosis of breast cancer. Arch Surg 137: 1152-1156.
- 2005 Goodson WH III, Grissom NA, Moore DH II, Dirbas FM. Streamlining clinical breast examination. J Nat Cancer Inst 97:1476-7. (research letter)
- 2006 Goodson WH III. Closure of partial mastectomy. Am J Surgery 191: 117-20.
- 2008 Kohrt HE, Olshen RA, Bermas HR, Goodson WH, Wood DJ, Henry S, Rouse RV, Bailey L, Philben VJ, Dirbas FM, Dunn JJ, Johnson DL, Wapnir IL, Carlson RW, Stockdale FE, Hansen NM, Jeffrey SS. New models and online calculator for predicting non-sentinel lymph node status in sentinel lymph node positive breast cancer patients. BMC Cancer. Mar 4;8(1):66 [Epub ahead of print]
- 2008 Shanaz H. Dairkee, 1 Junhee Seok, 2 Stacey Champion, 1 Aejaz Sayeed, 1 Michael Mindrinos, 2 Wenzhong Xiao, 2 Ronald W. Davis, 2 and William H. Goodson. Bisphenol A Induces a Profile of Tumor Aggressiveness in High-Risk Cells from Breast Cancer Patients. Cancer Research 68:2076-2080.
- 2010 Goodson, WH, Hunt TK, Plotnik J, Moore DH. Optimization of clinical breast examination. American Journal of Medicine 2010; 123:329-34
- 2011 Luciani MG, Seok J, Sayeed A, Champion S, Goodson WH, Jeffrey SS, Xiao W, Mindrinos M, Davis RW, Dairkee SH. Distinctive responsiveness to stromal signaling accompanies histologic grade programming of cancer cells. PLoS One. 2011;6(5):e20016. Epub 2011 May 19.
- 2011 Goodson WH III, Luciani MG, Sayeed SA, Jaffee IM, Moore DH II, Dairkee SH. Activation of the mTOR pathway by low levels of xenoestrogens in breast epithelial cells from high-risk women. Carcinogenesis 32: 1724 – 1733. On line September 1, 2011.

Other Publications

- 1979 Goodson III WH, Hunt TK: Wound Healing and the Diabetic Patient. Surgery, Gynecology and Obstetrics 149:600-08.
- 1979 Hunt TK, Clark RA, Thakral KK, Andrews WS, Goodson III WH: Inflammation and repair: An emerging concept of wound healing. Vascular Surgery 12:257-64.
- 1980 Goodson III WH, Radolf J, Hunt TK: Wound healing and diabetes. IN: Wound Healing and Wound Infection: Theory and Surgical Practice, Appleton-Century-Crofts, New York, pp 106-16.
- 1980 Hunt TK, Hawley PR, Hale J, Goodson III WH, Thakral KK: Colon Repair: The

Collagenous Equilibrium. IN: Wound Healing and Wound Infection: Theory and Surgical Practice, Hunt TK (ed) Appleton-Century-Crofts, New York, pp 153-59.

1981 Goodson III WH, Hunt TK: Wound healing. IN: Scientific Foundations of Surgery, 3rd Ed Kyle J, Hardy JD (eds), William Heinemann Medical Books, Ltd., London pp 598-607.

1981 Goodson III WH, Hunt TK, Abele JS: Techniques of Breast Biopsy. IN: Breast Surgery, Najarian JS, Delaney JP (eds), Appleton-Century-Crofts, New York, pp 71-78.

1982 Goodson III WH: Breast IN: Handbook of Surgery, 7th edition, Schrock TS (ed), Jones Medical Publications, Greenbrae, pp 201-14.

1982 Ernster VL, Goodson III WH: Breast nodules, caffeine, and cigarettes, Medical World News, 6/21/82:79.

1982 Goodson III WH: If you're uncertain about the treatment of stage I and stage II breast cancer...Resident and Staff Physician, September.

1982 Goodson III WH: Nutrition and Wound Healing. Audio Cassette Series 5, American Dietetic Association, Chicago.

1983 Crass RA, Goodson III WH, Hunt TK, Abele JS, Miller TR: Outpatient breast biopsy with delayed operative treatment for breast carcinoma. IN: Controversies in Surgery II, (ed) Delaney JP, Varco RL, WB Saunders, pp 58-62.

1983 Goodson III WH, Hunt TK, Gottrup F, Jonsson K, Chang CN, Firmin R, West JM: Measurement of human repair: An overview. IN: Soft and Hard Tissue Repair: Biological and Clinical Aspects, (ed) Hunt TK, Heppenstall RB, Pines E, Rovee D, Praeger Scientific Publications.

1985 Goodson III WH, Dornbrand L: Benign breast disease. IN: Manual of Clinical Problems in Adult Ambulatory Care, (eds) Dornbrand L, Hoole AJ, Fletcher RH, Pickard JR. CG, Little, Brown, Boston, Toronto, pp 325-328.

1985 Goodson III WH, Hunt TK: Wound healing. IN: Surgical Care II, Condon R, de Cosse J (eds), Lea & Febiger, Philadelphia, pp 313-322.

1988 Goodson III WH, Hunt TK: Wound healing. IN: Kinney JM, Jeejeebhoy KN, Hill GL, Owen OE (eds), Nutrition and Metabolism in Patient Care, WB Saunders Co, pp 635-42.

1988 Goodson III WH: Breast disease. IN: Schrock TR (ed), Handbook of Surgery, Jones Medical Publications, Greenbrae Press.

1988 Goodson III WH: Trauma. IN: Cohen IK, Diegelmann RF, Lindblad WJ (eds) Wound Healing: Biochemical and Clinical Aspects, WB Saunders Co.

1988 Hunt TK, Goodson III WH: Wound Healing. IN: Current Surgical Diagnosis and Treatment, Lange Medical Publications, Los Altos.

1990 Goodson III WH, King E: Discharges and secretions of the nipple: Normal, pregnant and lactating states, evaluation significance and therapy. IN: Bland IK, Copeland III EM (eds) The Breast WB Saunders.

1990 Goodson III WH, Dornbrand L: Benign breast disease. IN: Manual of Clinical Problems in

Adult Ambulatory Care, (eds) Dornbrand L, Hoole AJ, Fletcher RH, Pickard Jr. CG, Little, Brown, Boston, Toronto, pp 325-328.

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1992 Goodson III WH: Wound Healing IN: Cohen IK, Diegelmann RF, Lindblad WJ: (eds), Traumatic Injury, WB Saunders.

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