

Stanford



Edward Bender

Clinical Professor, Cardiothoracic Surgery

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Samaritan Cardiothoracic Surgery Corvallis**

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ACADEMIC CONTACT INFORMATION

- **Clinical**

Good Samaritan Regional Medical Center - Cardiothoracic Surgery

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Bio

BIO

Dr. Edward Bender specializes in the treatment of adult cardiac abnormalities, including ischemic heart disease, structural and valvular disease, and arrhythmias.

Additionally, he has an interest and expertise in General Thoracic and Vascular surgery. Dr. Bender currently works with organizations within the medical community to develop software to aid in the teaching and practice of medicine.

CLINICAL FOCUS

- Thoracic and Cardiac Surgery

ACADEMIC APPOINTMENTS

- Clinical Professor, Cardiothoracic Surgery
- Member, Cardiovascular Institute

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Workforce on Clinical Education, Society of Thoracic Surgeons (2013 - present)

PROFESSIONAL EDUCATION

- Board Certification: Thoracic and Cardiac Surgery, American Board of Thoracic Surgery (1989)
- Fellow, University of Chicago Medical School , Cardiothoracic Surgery (1988)
- Fellowship: University of Chicago CTS Fellowship (1988) IL
- Registrar, Royal Infirmary, Edinburgh, Scotland , Thoracic Surgery (1986)
- Residency: University of Colorado Health Science Center (1985) CO
- Resident, University of Colorado Health Sciences Center , Surgery (1985)
- Medical Education: Wayne State University School of Medicine (1980) MI
- MD, Wayne State University (1980)
- BS, University of Michigan , Zoology (1976)

LINKS

- Software for Surgeons: <http://www.cvoffice.com>

Research & Scholarship

PROJECTS

- Zwisch Thoracic Surgical Resident Evaluation - Multiple universities
- CTSNet Videos & CTSNet TV
- Adult Cardiac Risk Calculator
- Congenital Heart Surgery: The Essentials

Publications

PUBLICATIONS

- **Technology-assisted behavioral intervention to encourage prehabilitation in frail older adults undergoing surgery: Development and design of the BeFitMe™ Apple Watch app.** *Digital health*
Kerstiens, S., Bender, E. M., Rizzo, M. G., Landi, A., Gleason, L. J., Huisingh-Scheetz, M., Rubin, D., Ferguson, M., Madariaga, M. L.
2023; 9: 20552076231203957
- **Cardiac surgeons' concerns, perceptions, and responses during the COVID-19 pandemic.** *Journal of cardiac surgery*
Luc, J. G., Ad, N., Nguyen, T. C., COVID-19 North American Cardiac Surgery Survey Working Group Collaborators, Arora, R. C., Balkhy, H. H., Bender, E. M., Bethencourt, D. M., Bisleri, G., Boyd, D., Chu, M. W., de la Cruz, K. I., DeAnda, A., et al
2021
- **Computer Programming: A New Trick Worth Learning Reply** *ANNALS OF THORACIC SURGERY*
Bender, E., Rizzo, M. G.
2020; 110 (2): 753–54
- **Does Tweeting Improve Citations? One-Year Results from the TSSMN Prospective Randomized Trial.** *The Annals of thoracic surgery*
Luc, J. G., Archer, M. A., Arora, R. C., Bender, E. M., Blitz, A., Cooke, D. T., Hlci, T. N., Kidane, B., Ouzounian, M., Varghese, T. K., Antonoff, M. B.
2020
- **The Thoracic Surgery Social Media Network Experience During the COVID-19 Pandemic.** *The Annals of thoracic surgery*
Luc, J. G., Archer, M. A., Arora, R. C., Bender, E. M., Blitz, A., Cooke, D. T., Elde, S., Guy, T. S., Halpern, A. L., Harrington, C., Hlci, T. N., Kidane, B., Olive, et al
2020
- **Computer Programming: A New Trick Worth Learning: Reply.** *The Annals of thoracic surgery*
Bender, E. n., Rizzo, M. G.
2020; 110 (2): 753–54
- **The Thoracic Surgery Social Media Network: Early experience and lessons learned.** *The Journal of thoracic and cardiovascular surgery*
Luc, J. G., Ouzounian, M., Bender, E. M., Blitz, A., Stamp, N. L., Varghese, T. K., Cooke, D. T., Antonoff, M. B.
2019
- **Social Media Improves Cardiothoracic Surgery Literature Dissemination: Results of a Randomized Trial.** *The Annals of thoracic surgery*
Luc, J. G., Archer, M. A., Arora, R. C., Bender, E. M., Blitz, A., Cooke, D. T., Hlci, T. N., Kidane, B., Ouzounian, M., Varghese, T. K., Antonoff, M. B.
2019
- **The Thoracic Surgery Social Media Network: Early Experience and Lessons Learned.** *The Annals of thoracic surgery*
Luc, J. G., Ouzounian, M., Bender, E. M., Blitz, A., Stamp, N. L., Varghese, T. K., Cooke, D. T., Antonoff, M. B.
2019
- **Surgeon as Programmer: Overcoming Obstacles to the Use of Modern Internet Technology for Cardiothoracic Surgery.** *The Annals of thoracic surgery*
Bender, E. M., Rizzo, M. G., Meyerson, S. L., Zwischenberger, J. B.

2019

- **Quality of Operative Performance Feedback Given to Thoracic Surgery Residents Using an App-Based System.** *Journal of surgical education*
Karim, A. S., Sternbach, J. M., Bender, E. M., Zwischenberger, J. B., Meyerson, S. L.
2017; 74 (6): e81–e87
- **The Effect of Gender on Resident Autonomy in the Operating room.** *Journal of surgical education*
Meyerson, S. L., Sternbach, J. M., Zwischenberger, J. B., Bender, E. M.
2017; 74 (6): e111–e118
- **Resident Autonomy in the Operating Room: Expectations Versus Reality**
Meyerson, S. L., Sternbach, J. M., Zwischenberger, J. B., Bender, E. M.
ELSEVIER SCIENCE INC.2017: 1062–68
- **The University of Minnesota Donor Lung Quality Index: A Consensus-Based Scoring Application Improves Donor Lung Use.** *Annals of thoracic surgery*
Loor, G., Radosevich, D. M., Kelly, R. F., Cich, I., Grabowski, T. S., Lyon, C., Michael Morrow, J., Bender, E. M., Billings, J., Hertz, M.
2016; 102 (4): 1156-1165
- **Rapid clinical evaluation: an early warning cardiac surgical scoring system for hand-held digital devices** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*
Badreldin, A. M., Doerr, F., Bender, E. M., Bayer, O., Brehm, B. R., Wahlers, T., Hekmat, K.
2013; 44 (6): 992-998
- **Outcome prediction in cardiac surgery: the first logistic scoring model for cardiac surgical intensive care patients** *MINERVA ANESTESIOLOGICA*
Doerr, F., Badreldin, A. M., Bender, E. M., Heldwein, M. B., Lehmann, T., Bayer, O., Brehm, B. B., Ferrari, M., Hekmat, K.
2012; 78 (8): 879-886
- **CONTRAST ECHOCARDIOGRAPHY - A METHOD TO VISUALIZE CHANGES IN REGIONAL MYOCARDIAL PERFUSION IN THE DOG-MODEL FOR CABG SURGERY** *ANESTHESIOLOGY*
ARONSON, S., Bender, E., Feinstein, S. B., HEIDENREICH, P. H., Ellis, J., Dick, C., Roizen, M. F., Karp, R. B.
1990; 72 (2): 295-301
- **ESOPHAGOGASTRECTOMY FOR BENIGN ESOPHAGEAL STRICTURE - FATE OF THE ESOPHAGOGASTRIC ANASTOMOSIS** *ANNALS OF SURGERY*
Bender, E. M., WALBAUM, P. R.
1987; 205 (4): 385-388
- **PREVENTION OF ALTERATIONS IN POSTOPERATIVE LYMPHOCYTE SUBPOPULATIONS BY CIMETIDINE AND IBUPROFEN** *AMERICAN JOURNAL OF SURGERY*
Hansbrough, J. F., ZAPATASIRVENT, R. L., Bender, E. M.
1986; 151 (2): 249-255
- **POSTBURN IMMUNOSUPPRESSION IN AN ANIMAL-MODEL .4. IMPROVED RESISTANCE TO SEPTIC CHALLENGE WITH IMMUNOMODULATING DRUGS** *SURGERY*
ZAPATASIRVENT, R. L., Hansbrough, J. F., Bender, E. M., BARTLE, E. J., Mansour, M. A., Carter, W. H.
1986; 99 (1): 53-59
- **Modulation of suppressor cell activity and improved resistance to infection in the burned mouse.** *journal of burn care & rehabilitation*
Hansbrough, J. F., Zapata-Sirvent, R. L., Peterson, V., Bender, E. M., Claman, H. N.
1985; 6 (3): 270-274
- **RESTORATION OF IMMUNITY IN BURNED MICE BY CIMETIDINE** *JOURNAL OF TRAUMA-INJURY INFECTION AND CRITICAL CARE*
Bender, E. M., Hansbrough, J. F., ZAPATASIRVENT, R., Sullivan, J., Claman, H. N.
1985; 25 (2): 131-137
- **PREVENTION OF SUPPRESSED CELL-MEDIATED-IMMUNITY IN BURNED MICE WITH HISTAMINE-2 RECEPTOR ANTAGONIST DRUGS** *JOURNAL OF SURGICAL RESEARCH*
Hansbrough, J. F., ZAPATASIRVENT, R., Bender, E. M., Peterson, V.
1985; 39 (2): 150-156
- **THE EFFECT OF HISTAMINE-RECEPTOR ANTAGONISTS ON SPECIFIC AND NONSPECIFIC SUPPRESSION OF EXPERIMENTAL CONTACT SENSITIVITY** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*

Mekori, Y. A., Bender, E. M., ZAPATASIRVENT, R., Hansbrough, J. F., Claman, H. N.
1985; 76 (1): 90-96

- **CHARACTERIZATION OF THE IMMUNOSUPPRESSIVE EFFECT OF BURNED TISSUE IN AN ANIMAL-MODEL** *JOURNAL OF SURGICAL RESEARCH*
Hansbrough, J. F., ZAPATASIRVENT, R., Peterson, V., Wang, X., Bender, E., Claman, H., BOSWICK, J.
1984; 37 (5): 383-393
- **CONSERVATIVE MANAGEMENT OF SAND ASPIRATION - CASE-REPORT** *MILITARY MEDICINE*
Bender, E. M., Kashuk, J. L., Moore, E. E., HOPEMAN, A. R.
1984; 149 (2): 98-99
- **ALTERED HELPER AND SUPPRESSOR LYMPHOCYTE POPULATIONS IN SURGICAL PATIENTS - A MEASURE OF POSTOPERATIVE IMMUNOSUPPRESSION** *AMERICAN JOURNAL OF SURGERY*
Hansbrough, J. F., Bender, E. M., ZAPATASIRVENT, R., Anderson, J.
1984; 148 (3): 303-307
- **Prevention of post-burn alterations in helper and suppressor T-lymphocytes by cimetidine** *The Heart Surgery Forum*
Bender, E., Hansbrough, J., Whitefield, J., Anderson, J., Claman, H.
1984; 35: 166
- **STEROIDOGENIC EFFECT OF 17 BETA-ESTRADIOL IN RABBIT - STIMULATION OF PROGESTERONE SYNTHESIS IN PREMATURELY REGRESSING CORPORA-LUTEA** *ENDOCRINOLOGY*
Bender, E. M., MILLER, J. B., Possley, R. M., Keyes, P. L.
1978; 103 (5): 1937-1943
- **SERUM PROGESTERONE IN PREGNANT RATS WITH ECTOPIC OR INSITU CORPORA-LUTEA - CORRELATION BETWEEN AMOUNT OF LUTEAL TISSUE AND PROGESTERONE CONCENTRATION** *BIOLOGY OF REPRODUCTION*
ELBAUM, D. J., Bender, E. M., Brown, J. M., Keyes, P. L.
1975; 13 (5): 541-545