

Publications

Textbooks

2003, 2016: Clinical Cardiology, 2nd Edition, Publisher: Paras Medical Publisher

Editor: Dr. Indranill Basu-Ray

Written by over forty cardiovascular physicians from across the globe, this text discusses critical cardiovascular topics using a case-by-case approach. It is a widely used manual for house staff, residents, primary care physicians, internal medicine physicians, and cardiologists.

2022: The Principles and Practice of Yoga in Cardiovascular Medicine, Publisher: Springer Nature **Editor-in-Chief:** Dr. Indranill Basu-Ray

This is the world's first reference book covering the role of Yoga in cardiovascular diseases. It details the epidemiology, physiology, pathology, prevention, and management of cardiovascular diseases based on the current scientific understanding of Yoga. Seventy-five experts from four continents, including the most notable names in the field, contributed to this work to create the world's first comprehensive reference literature on Yoga in cardiovascular medicine.

A special chapter covers the role of Yoga in the prevention of cardiovascular complications in COVID-19 patients.

2023: Yoga in Cardiovascular Disease and Cardiac Rehabilitation. Publisher: Elsevier (In preparation) A book to be published by the world's top publisher, featuring over 50 eminent physician-scientists worldwide contributing to the first medical book on the use of Yoga in Medicine. All chapters will be co-authored, with Dr. Basu-Ray serving as the Editor.

2024: Fundamentals of Cardiac Electrophysiology, Publisher: Elsevier (In preparation) A multi-authored text edited by Dr. Indranill Basu-Ray. This is the first book specifically explaining the concepts of Cardiac Electrophysiology for cardiologists.

Practice Guideline as Part of a Committee

September 28, 2017 Meditation and Cardiovascular Risk Reduction: A Scientific Statement From the American Heart Association, Glenn N. Levine, MD, FAHA (Chair); Richard A. Lange, MD, MBA, FAHA (Vice-Chair); C. Noel Bairey-Merz, MD, FAHA; Richard J. Davidson, Ph.D.; Kenneth Jamerson, MD, FAHA; Puja K. Mehta, MD, FAHA; Erin D. Michos, MD, MHS, FAHA; Keith Norris, MD; **Indranil Basu Ray, MD**; Karen L. Saban, Ph.D., RN, APRN, CNRN, FAHA; Tina

Shah, MD; Richard Stein, MD; Sidney C. Smith, Jr, MD, FAHA; on behalf of the American Heart Association. *Journal of the American Heart Association*; 2017; 6: e002218.

Peer-Reviewed Journal Publications:

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3. Basu Ray I. Preventing sudden death and the use of prophylactic implanted defibrillators. *Indian Pacing and Electrophysiology Journal*, 2003 Apr; 3(2):60-66. Cited in PubMed; PMID: 16943958.
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7. Basu Ray I, Heist, K.E. Treating atrial fibrillation. What is the consensus now? *Postgraduate Medicine*, 2005 Oct; 18(4):47-58. Cited in PubMed; PMID: 16296263.
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12. Basu Ray I. Advancing evidence-based practice: a quarterly compilation of research updates most likely to change clinical practice. *The Ochsner Journal*, 12:294-297, 2012. Cited in PubMed; PMID: 23267250.
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14. Basu Ray I. Fragmented QRS complexes - a novel but underutilized electrocardiographic marker of heart disease. *Critical Pathways in Cardiology: A Journal of Evidence-Based Medicine*, 12(4):181-183, December 2013. Cited in PubMed; PMID: 24240545.
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 45. Basu-Ray I, Dey PN: Yoga and the Metabolic Syndrome: Reconsidering Ancient Practice in an Age of Pharmacological Abundance, Editorial: Journal of Ayurveda and Integrative Medicine, May-June 2026 (in Press)
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Abstracts:

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Textbook Chapters:

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4. Basu Ray, I. Newer therapeutic modalities in cardiac electrophysiology. In: Kar, A.K., ed. Cardiology Update, 2005. Mumbai, India: The Asia Pacific Congress of Cardiology, 2005:200-205.
5. Basu Ray, I. Ventricular tachycardia in clinical practice. In: Gupta, S.B., ed. Medicine Update 2005. Hyderabad, India: Association of Physicians of India, 2005:72-77.
6. Basu Ray I, Dibbendhu Khanra (2023). "The Principles and Practice of Yoga in Cardiovascular Medicine". Cardiology: A Primer for the Uninitiated (PP 3–38).
7. Basu Ray I, Paul Dallaghan (2023). "The Principles and Practice of Yoga in Cardiovascular Medicine". NatureMeaning, Practice of Yoga: Traditional Base Meets Scientific Rigor. (PP 45–54).
8. Basu Ray I (2023). "The Principles and Practice of Yoga in Cardiovascular Medicine". Mechanism Model for Yoga as a Therapeutic Modality in Cardiovascular Disease. (PP 69–80).

9. Basu Ray I, Anindya, M (2023). "The Principles and Practice of Yoga in Cardiovascular Medicine". Yoga: A Holistic Approach for Cardiac Arrhythmia. (PP 161–166).
10. Basu Ray I, Anindya, M, Shishir, S, Dibbendhu, K (2023). "The Principles and Practice of Yoga in Cardiovascular Medicine". Role of Yoga and Meditation in Palliative Care. (PP 345–350).
11. Basu Ray I, Kashinath, M (2023). "The Principles and Practice of Yoga in Cardiovascular Medicine". Yoga as a Potential Intervention for Preventing Cardiac Complications in COVID-19: Augmenting Immuno–Modulation and Bolstering Mental Health. (PP 367–382).

Regional, National, and International Contributions:

1. Basu Ray, I. "Meditation: Is it Science or All Religion?" Cleveland State University, Cleveland, OH, 2007.
2. Basu Ray, I. Meditation and its Role in Modern Day Medicine, Case Western University, Cleveland, OH, Jun 2007.
3. Basu Ray, I. Role of Meditation in Modern Medicine. Mayo Clinic Seminar on Ayurveda and Nanotechnology in Medicine. Mayo Clinic, Rochester, MN, Sep 2008.
4. Basu Ray, I. Cardiovascular Drugs in the Perioperative Setting. 7th Southern Hospitalist Conference, New Orleans, LA, Oct 2011. Basu Ray, I. Role of Meditation and Other Mind-Body Medicine Techniques in the Management of Heart Disease. Mind-Body Medicine Conference, Orlando, FL, Oct 2010.
5. Basu Ray, I. Mind-Body Medicine - "Does Mind Have a Role in Ameliorating Sickness?" Tulane University, New Orleans, October 11, 2011.
6. Basu Ray, I. CARE: Combined Academic and Research Exposition - A Unique Program to Increase Research Output Among Residents. The talk was given to the GME and Program Directors Meeting, Ochsner Medical Foundation, March 5, 2012.
7. Basu Ray, I. Systolic Heart Failure Mortality Reduction and Quality Measures: From Pharmaceuticals to Device Management, invited to deliver a lecture at the 13th Annual Southern Hospital Medicine Conference, Emory University on October 26, 2012.
8. Basu Ray, I. Responsible Conduct in Research Lecture Series, "Conducting Investigator-Initiated Studies", Jan 8th, 2013, Ochsner Medical Foundation, Monroe Hall.
9. Basu Ray I: CLINICAL EVIDENCE for Subcutaneous-ICD use in clinical practice. University of Arkansas Grand Rounds, October 30th, 2017.
10. Basu Ray I: Ablation strategies for persistent atrial fibrillation - Cardiological Society of India - TN Electrophysiology Association and Apollo Chennai sponsored EP meeting. May 26-27th, 2018.
11. Basu Ray I: Plenary session lecture on Ablation of Ventricular Tachycardia - Tools, Principal and Practice - Cardiological Society of India - TN, 2018.
12. Electrophysiology Association and Apollo Chennai sponsored EP meeting. May 26-27th, 2018.
13. Basu Ray I: The Application of Yoga in Clinical Medicine - SVYASA, Bangalore, India. June 3rd, 2018.

14. Basu Ray I: Yoga - A Mechanistic Model on the Effects in Cardiovascular Diseases. Delivered as an Invited Faculty & Plenary Speaker: International Yoga Conference - "Yoga for Heart Care" at Karnataka State Open University, Mysore Mangalore Road, Mysore, Karnataka - 570006. November 15th, 2019.
15. Basu Ray I: New Research Module for Yoga Research rather than traditional Randomized Clinical Trials - Time for a Paradigm Shift. 107th Indian Science Congress, University of Agricultural Sciences, GKVK Campus, Bangalore, January 5th, 2020.
16. Basu Ray I: Yoga Research for Non-Communicable Diseases - Why it Needs a Paradigm change - from RCTs to N-of-1 Trials at the Plenary session lecture at INCOFVRA 23rd with the theme Yoga as Lifestyle Medicine, SVYASA, PrasantiKutiram, Bengaluru 560105. January 6th, 2020.
17. 1st International Conference on Mind-Body Medicine in Endocrinology and Diabetes. SYNAPSE 2020; Hotel Hyatt Regency, Pune. February 2nd, 2020; Basu Ray I: Mind-Body Medicine in Non-Communicable Diseases - Redefining Clinical Research.
18. Basu Ray I: AAYM - A Mind Body Non-Profit - Vision and Initiative at the 2nd International Conference on Mind-Body Medicine in Endocrinology and Diabetes. SYNAPSE 2021; Hotel Hyatt Regency, Pune. February 2nd, 2020, on Basu Ray I: New Concepts to prove the efficacy of Yoga as RCT's don't work. Plenary Lecture: National Institute of Mental Health and Neurosciences (NIMHANS). NIMHANS, Bengaluru, Karnataka, India.
19. Mind, Consciousness & Identity. Indian Institute of Technology - Bombay Institute for promoting wellness and yoga. Mumbai, India. 7th August 2021.
20. 2nd International Conference on Mind-Body Medicine in Endocrinology and Diabetes. SYNAPSE 2022, Hotel Hyatt Regency, Pune, April 2nd. Basu Ray, I. Yoga as Cardiovascular Medicine 2022.
21. Cardiological Society of India: Heart Failure Symposium. Basu Ray, I: Yoga as a Cardiac Rehabilitation Therapy for Heart Failure, Jan 2023.
22. Grand Rounds: Ablation of Ventricular Tachycardia at UTHSC, Nashville. Ventricular Tachycardia Diagnosis and Ablation, October 2023.
23. Cardiological Society of India. 75th Anniversary Conference, Kolkata, India. Basu Ray, I: Role of Cardiac Contractility Modulation for Heart Failure. Jan 2023.
24. Cardiological Society of India. 75th Anniversary Conference, Kolkata, India. Basu Ray I: My Tryst with Electrophysiology: Newer Device for Heart Failure. June 2024

Invited Column in Peer-Review Journals:

1. Basu Ray, I. Latest updates in cardiac electrophysiology. Indian Journal for Pacing & Electrophysiology, 2002;3(4):273.
2. Deitelzweig, S., Basu Ray, I., Carter, W., Lee, D., Meadows, R., Vuppala, S., Wharton, F. In literature: research you need to know. Hospitalist, Jan 2011.
3. Basu Ray, I. (2012). Advancing Evidence-Based Practice: A Quarterly Compilation of Research Updates Most Likely to Change Clinical Practice. The Ochsner Journal, Fall 2012, Vol. 12, No. 3, pp. 185-187.

4. Glickman-Simon, R., Basu Ray, I. Evidence-based integrative medicine updates. Explore The Journal of Science and Healing, Elsevier Publication, Sept 2012.
 5. Basu Ray, I. Advancing evidence-based practice - a quarterly compilation of research updates most likely to change clinical practice. Ochsner Medical Journal, 2014 Sep;14(3):312-315. Cited In PubMed; PMID: 25249793.
 6. Basu Ray, I. Advancing evidence-based practice - a quarterly compilation of research updates most likely to change clinical practice. Ochsner Medical Journal, 2014 Jul;14(2):148-153. Cited In PubMed; PMID: 24940118.
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Invited Institutional Presentations:

1. Basu Ray, I. Guest of Honor to deliver the Valedictory Address at the 17th Annual Convocation of Swami Vivekananda Yoga AnusandhanaSamsthana. Eknath Bhavan, 19 GaviPuram Circle, Bangalore 560019. www.svyasa.org January 12th, 2020.
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Online Medical Journal Columns (Non-Peer Reviewed):

1. Basu Ray, I., Middour, T. A Case of Heart Failure Secondary to Mitral Regurgitation. Cardiology Advisor, November 20, 2015. <http://www.thecardiologyadvisor.com/arrhythmia/laa-closure-proposition/article/454556>.
2. Basu Ray, I., Lawrence, J. Left Atrial Appendage Closure: Exciting New Proposition or a Practically Non-Feasible Alternative? Cardiology Advisor, November 18, 2015.

International Academic Leadership Position:

1. Program Director: Worlds' First Conference on the Role of Meditation in Cardiovascular Diseases; March 9th & 10th at the All-India Institute of Medical Sciences, Rishikesh, Uttarakhand. Attended by over one thousand physicians from all over the world. Information: www.aaymonline.org.
 2. Program Director: International Yoga e-Conference 2021. June 2021. A virtual conference at the height of COVID that was broadcasted live through multiple social media channels including YouTube and Facebook. Had over 100 faculties in over 50 sessions including eminent experts like David Frawley, Deepak Chopra, Karan Singh & H R Nagendra. Experts from Harvard, MD Anderson Cancer Center, PGI-Chandigarh, and All India Institute of Medical Sciences-New Delhi to name a few. Information: www.aaymonline.org.
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Newspaper and Popular Magazine Publications:

Non-Medical Writing:

Author of over 200 articles on health-related topics including health policies and medical education in different magazines and newspapers.

Editorials / Media Contributions:

1. Huffington Post New Orleans
2. The Times of India — Editorial articles published in all editions
3. The Indian Express
4. The Hindustan Times, New Delhi
5. The Telegraph — Editorials on health policies, stem cells and medical education
6. The Statesman — Ran a regular column
7. Ananda Bazar Patrika — Articles translated to Bengali
8. North India Patrik
9. Bartaman
10. The Pioneer

Editorial Columns in Daily Newspapers:

2011 Nursing a critically ill state back to health, The Telegraph, Kolkata, India
http://www.telegraphindia.com/1111122/jsp/opinion/story_14780456.jsp
https://www.telegraphindia.com/1160607/jsp/opinion/story_89643.jsp

Magazine Columns:

<http://www.myneworleans.com/New-Orleans-Magazine/August-2013/The-MIND-as-HEALER-of-the-BODY/>

Contributor to the Huffington Post:

http://www.huffingtonpost.com/entry/you-dont-need-technology-to-live-a-long-life-yoga_us_5735f963e4b07a38660444f3

http://www.huffingtonpost.com/entry/the-mysterious-universe-from-black-hole-to-komodo-dragons_us_

http://m.huffpost.com/us/entry/us_576967a8e4b03fd30eb81b9d

http://m.huffpost.com/us/entry/us_576967a8e4b03fd30eb81b9d