

Dr. Marcelo Víctor Elizari

Platinum Konex Award 2013: Internal Medicine

Born in Buenos Aires on July 21, 1937, at the age of three months Dr. Elizari settled down with his parents as rural teachers in "Paraje Las Horquetas", an indigenous area whose nearest town was Piedra del Águila, where he grew up. Later, he moved to Colonia Centenario, 15 km away from the capital city of Neuquén, where he attended secondary school. At 17 he started his higher education at the School of Medicine, Buenos Aires University and graduated at the age of 22. He could afford to pay for his studies and accommodation in Buenos Aires by delivering a home injection service and being on-duty at the Obras Sanitarias de la Nación Clinic. After graduating without failing an exam, he started his training in Cardiology at the Cardiology Pavilion Luis H. Inchauspe of the Ramos Mejía Hospital (Chief Dr. Blas Moia) supervised by Dr. Mauricio B. Rosenbaum with whom he shared all his professional activity and a close friendship until Dr. Rosenbaum's death. In 1960 he intended to perform his doctoral thesis on the "Anatomy, Physiopathology and Clinical Implications of the Intraventricular Conduction System" but was forced to postpone its presentation due to changes in doctoral thesis presentations. Later, the same work, intended for the thesis, received the "Luis Sívori Award" from the School of Medicine.

PATIENT CARE AND TEACHING ACTIVITIES

Under the direction of Blas Moia, the Inchauspe Pavilion upgraded research, teaching and patient care activities to the top and became one of the most important national cardiological training centres. The professional members of the staff of the Pavilion share the history of the Argentinean cardiology. All of them were appointed chiefs of cardiology of the main hospitals of Buenos Aires and other cardiologic centers in the country. Patient care at the Pavilion Inchauspe became prestigious for two reasons: for the skills and quality of its staff and for the multiple activities developed there. It was in this environment that Dr. Elizari initiated his clinical and cardiological training in February 1961. He waived the medical residency for a scholarship from the Buenos Aires University but still continued with patient care and as Chief of Fellows until 1964. He pursued his municipal medical career in the City of Buenos Aires and moved to the Service of Cardiology, Argerich Hospital, whose chief was Dr. Fernando Battle and together with Dr. Carlos Bertolassi shared the professional activity as Chief of the Section of Electrophysiology and Arrhythmia. In 1972 he returned to Pavilion Inchauspe holding the same position.

In 1980 he was appointed Chief, In-Patient Unit and in 1987, Chief, Division of Cardiology, Ramos Mejía Hospital by competitive exam for public service.

PATIENT CARE BACKGROUND

As Chief of the Cardiology Division, Ramos Mejía Hospital (from the time Dr. Rosenbaum retired in 1987) until 2012, Dr. Elizari took over the group's traditional research lines with the same passion and interest as his predecessor with the collaboration of renowned fellow cardiologists (Drs. Pablo Chiale, Luis Girotti, Serge Sicouri, Susana Halpern, Alejandro Haedo, Rafael Acunzo, among others). Based on the group's commendable efforts and academic level, the government of the City of Buenos Aires officially created the Arrhythmias Centre of the Government of the City of Buenos Aires, whose venue is the Division of Cardiology, Ramos Mejia Hospital, under the direction of Drs. Elizari and Chiale.

Despite focusing on the study of arrhythmias, the Division of Cardiology of the Ramos Mejia Hospital has not disregarded the diagnostic and therapeutical aspects of other cardiology disciplines. As a result of the efforts made, it was possible to provide the Division with high technology equipment, which, in some sub-specialities equalizes and even surpasses the best technologically equipped cardiological centres in the country.

TEACHING BACKGROUND

Courses, lectures, conferences, tutorship, fellow direction and Head of the Master Course for Specialists in Cardiology of Buenos Aires University. His appointment as Head of this Course by the School of Medicine, Buenos Aires University is the highest achievement in his teaching career, responsible for 17 Teaching Units in Buenos Aires. As Chief of the Division of Cardiology until 2012, he was the head of 32 members of the staff as well as residents and fellows. He also supervised scientific work presented in congresses and the production of articles for international journals, authored and co-authored chapters in books and books. What is more, he participated as lecturer, coordinator and speaker in congresses and symposia, another way of teaching and opinion forming.

RESEARCH BACKGROUND

The School of the Pavilion Inchauspe and its widespread repercussions in national and international cardiology

The quality and number of Dr. Elizari et al's contributions to the cardiological knowledge made an Argentinian impact on the progress of cardiology. Specific research on anatomy, physiology, physiopathology and clinical characteristics of the cardiac conduction system as well as diagnostic criteria and treatment of arrhythmias in the School founded by Mauricio B. Rosenbaum were acknowledged by the international scientific community for its excellence. All the research on the anatomy of the conduction system and experimental blocks in the dog and primate hearts directed by Dr. Elizari and all the clinical studies directed by Dr. Rosenbaum gave rise to a transcendent work recipient of the Rafael Bullrich award granted by the National Academy of Medicine of Argentina and the Luis Sívori award by the School of Medicine, Buenos Aires University in 1967. Posteriorly, this research was the cornerstone of the book "Los Hemibloqueos", later translated into English as "The Hemiblocks" (Tampa Tracings, 1970) and into Italian.

The books "Los Hemibloqueos" and "The Hemiblocks" became the turning point that modified anatomical, physiological and clinical paradigms and familiarized the world of cardiologists with a new doctrine and language: a trifascicular conduction system (instead of the classic bifascicular one) and a whole family of conduction disturbances in which "the hemiblocks" were the novelty but not the only ones. The simultaneous transfer of this new concepts to clinical practice was particularly remarkable.

A few of the many testimonies of this acknowledgement are worth citing:

The theoretical concepts and the diagnostic criteria arisen from the Argentinian work have been incorporated in all the books on cardiology, electrocardiography and electrophysiology published in recent years. Books and articles on the History of Cardiology highlight the contributions to cardiology by the researchers of the Pavilion Inchauspe and specialists on these topics considered them to be "Historical Milestones" (Herman Uhley, Leo Schamroth, Agustín Castellanos, Paul Puech, etc.)

An international review on trifascicular blocks and hemiblocks (NIH library, Bethesda, United States) reveals that while in the triennium 1996-1999, no articles on these topics had been written 250 scientific works were published in the following two trienniums.

The works performed at the Pavilion Inchauspe were cited in 2,904 publications in the international scientific literature (Citation Index) from 1964 to 1983. What is more, the article "The Hemiblocks Revisited" by Elizari MV et al published in Circulation has been the most visited article so far in 2013. Circulation is the journal of the American Heart Association with a major impact on the specialty.

While staying at Indiana University, he developed an experimental model for the study of the physiology and physiopathology of the cardiac conduction system that has been later utilized by electrophysiologists in in vitro studies. This scientific breakthrough was also followed by other original important contributions to the knowledge of the physiopathology of intraventricular conduction of mechanism, diagnostic criteria and treatment of cardiac arrhythmias, some of which are mentioned as other contributions.

OTHER CONTRIBUTIONS

The concept of cardiac memory and its importance in clinical practice was, perhaps, the closing of the scientific contributions of the Ramos Mejía School.

The introduction of amiodarone as an antiarrhythmic drug has been one of the most outstanding contributions of the school of the Ramos Mejía Hospital.

The mechanism of phase 3 and phase 4 blocks and paroxysmal atrioventricular blocks.

In the 90s, a series of articles on the role of anti- β -adrenergic and muscarinic receptor antibodies helped a better comprehension of the etiopathogenesis of myocardiopathies, including Chagasic myocardiopathy and primary electrical disease.

Presently, Dr. Elizari has developed a creative concept about the etiopathogenesis of the Brugada syndrome and other rhythm and intraventricular conduction alterations regarded as of unknown origin or "idiopathic".

POST-GRADUATE POSITIONS HELD

1961-1966: Member of Staff, Department of Clinical Electrocardiography and Electrophysiology, Division of Cardiology, Ramos Mejía Hospital, Buenos Aires, Argentina.

1966-1970: Chief, Department of Electrocardiography, Division of Cardiology, Argerich Hospital Buenos Aires, Argentina.

1970-1971: Research Associate, School of Medicine, Indiana University, USA.

1972: Visiting Scientist, Cardiopulmonary Laboratory, Public Health Service Hospital, Staten Island, New York, USA.

1973-1977: Chief, Department of Clinical Electrocardiography and Electrophysiology, Ramos Mejía Hospital, Buenos Aires, Argentina.

1974: Member Scientific Committee. VII World Congress of Cardiology, Buenos Aires, Argentina

1975-1980: Director of the Research Project: Clinical and Experimental Study of Arrhythmias in Chronic Chagasic Myocarditis, Science and Technology Department, Ministry of Education, Argentina.

1976-1980: Member Advisory Council National Program of Chagas' Disease. State Science and Technology Secretary, Ministry of Education, Argentina.

1976-2012: Member Council Clinical Cardiology American Heart Association

1977: President, Scientific Committee, XVI Argentinean Congress of Cardiology.

1977-1987: Chief, In-Patient Unit, Division of Cardiology, Ramos Mejía Hospital.

1979: Visiting Scientist. Laboratoire de Physiologie Animale, Université de Poitiers, France.

1984-1986: Member Clinical Research Committee, National Council of Scientific Research and Technology.

1986-present: Extraordinary Professor, School of Medicine, Salvador University.

1987-2012: Chief, Division of Cardiology, Ramos Mejía Hospital.

1987-2012: Tutor and Reviewer of Monographs, Specialty Training in Cardiology. Associate Internships in Cardiology. School of Medicine, Buenos Aires University.

1993: Vice President, Argentine Society of Cardiology

1993: President, Scientific Committee, XX Argentinian Congress of Cardiology.

1993-1994: Director, Continuing Education Program, Argentine Society of Cardiology.

1994: President, Argentine Society of Cardiology, Buenos Aires, Argentina.

1994-1996: Delegate of the Argentine Society of Cardiology for the Interamerican Society of Cardiology

1994-1998: Director, Post-doctoral Course of Cardiology, Buenos Aires University-Argentine Society of Cardiology.
1994-2009: Member of the Advisory Council, Argentine Society of Cardiology.
1994-2012: Deputy-Director, Training Unit, Ramos Mejia Hospital, Specialty Training in Cardiology.
1998-2002: Member. Council of Clinical Cardiology, World Federation of Cardiology.
1999: President, XVII Interamerican Congress of Cardiology, Buenos Aires.
1999: Member Steering Committee of the Division of Electrophysiology of the Council of Clinical Cardiology, World Federation of Cardiology (together with Douglas P. Zipes and Günter Breithardt).
1980-present: Member of the Administration Council of the Fundación de Investigaciones Cardiológicas Einthoven.
2000-2012: Coordinator, Cardiology Network, Ministry of Health, Government of the City of Buenos Aires
2000-2012: Superior Investigator, Career of Scientific Investigator, Ministry of Health, Government of the City of Buenos Aires.
2003-2012: Director, Centre of Cardiac Arrhythmias, Government of the City of Buenos Aires. Based at the Ramos Mejia Hospital.
2004: Premium Professional Gold Heart Member. American Heart Association.
2005-present: Tutor and Reviewer of Monographs, Specialty Training in Cardiology. School of Medicine, University of Buenos Aires.
2006-2009: President, Health Research Council, Ministry of Health, Government of the City of Buenos Aires
2006-2008: Member, National Advisory Committee, XVIth World Congress of Cardiology, 2008.
2006: Member, Scientific Council Clinical Cardiology, World Congress of Cardiology 2006, Barcelona, Spain
2006.2012: Head, Training Specialty in Cardiology, University of Buenos Aires in charge of 17 Training Units.
2006-2010 President, Health Research Council, Ministry of Health, Government of the City of Buenos Aires.
2006: Honorary President, Ist Biennial Symposium "Mauricio B. Rosenbaum"
2008-present. Honorary Director: Electrofisiología y Arritmias. Scientific publication of the Argentine Society of Cardiac Electrophysiology. Edited in Argentina and Latin America.
2008: Honorary President, IInd Biennial Symposium "Mauricio B. Rosenbaum"
2008-Present: Member, National Academy of Medicine, Buenos Aires, Argentina
2010: Honorary President, IIIrd Biennial Symposium "Mauricio B. Rosenbaum"
2012: Honorary President, IVth Biennial Symposium "Mauricio B. Rosenbaum"
2014 - 2018: Secretary (appointed by the National Academy of Medicine Buenos Aires) to the Latin-American Association of Academies of Medicine.
2014-present: Professor, Specialty training in Clinical Pharmacology, III Chair of Clinical Pharmacology, School of Medicine, University of Buenos
2014: Member Scientific Committee, 4° Congreso Argentino de Arritmias, Congreso SOLAECE. Buenos Aires.
2016: Vice-President, National Academy of Medicine Buenos Aires, Argentina.
2018-2020: President, National Academy of Medicine Buenos Aires, Argentina.

AWARDS AND DISTINCTIONS

1967: "Luis Sívori" award, granted by the School of Medicine, Buenos Aires University.
1967: "Rafael Bullrich" award, granted by the National Academy of Medicine, Buenos Aires, Argentina.
"Los Hemibloqueos"
1972: "Cosme Argerich" Award.
1972 1974: "Francisco Arrillaga" award, granted by the School of Medicine, Buenos Aires University.
1983: Award, granted by the XIXth Argentine Cardiology Congress and International Pacemaker Symposium, San Miguel de Tucuman, Argentina.
1990: "XVII Argentine Congress of Cardiology, Pedro Cossio Foundation" Award granted by the Argentine Society of Cardiology, Buenos Aires, Argentina.
1995: "XXII Argentine Congress of Cardiology" Award granted by the Argentine Society of Cardiology,

Buenos Aires, Argentina.

1996: "XXIII Argentine Congress of Cardiology Award granted by the Argentine Society of Cardiology

1998: "Bunge & Born Foundation" Award

1999: "Dr. Roberto Vedoya 1999" Award granted by the Revista Argentina de Cardiología to the Best Scientific Work

1999: "XVII Interamerican Congress of Cardiology" Award to the Best Scientific Research Work

2000: Finalist. "Young Investigators Award – NASPE" (North American Society of Pacing and Electrophysiology)

2001: "XXVIII Argentine Congress of Cardiology" Award to the Best Scientific Work

2001: "Scientific Research Merit" Award, XXIth Interamerican Congress of Cardiology and XXIst Peruvian Congress of Cardiology.

2001: Best poster award - XXXIVth Argentine Congress of Cardiology, Buenos Aires.

2002: "Physician of the Year" Award

2003: "Rosenbaum Award" granted by the Revista Argentina de Cardiología to the Best Basic Scientific Work

2006: "Trayectoria en Investigación Científica" (Trajectory in Scientific Research) Award. School of Medicine, University of Buenos Aires and National Agency of Science and Technology.

2008: "Rafael A. Bulrich" Award", granted by the National Academy of Medicine, Buenos Aires. "Molecular analysis of telomeric areas in patients with coronary heart disease"

2009: "SAMEFA" Award to the Excellence in Patient-Health Care. Argentine Society of Pharmaceutical Medicine.

2010: "SADEC 2010" Award. Argentine Society of Cardiac Stimulation.

2011: "Argentinian Medicine Master" Award granted annually by the Argentinean Medical Press.

2011: Honorary Guest, Santiago de Guayaquil appointed by the Mayor of the City of Guayaquil, Mr. Jaime Nebot Saadi.

2011: Emeritus Professor, School of Medicine, Salvador University.

2012: Teacher of the Foro Iberoamericano de Arritmias en Internet (FIAI). Recognition for Dr. Elizari's contributions to the Argentinian and International Electrophysiology. Granted by the FIAI in the 2nd Argentinian Congress of Arrhythmias.

2013: "Platinum Konex" Award, Internal Medicine, granted by the Konex Foundation, Buenos Aires, Argentina.

2016: "Distinguished Personality in Medical Sciences", granted by the Legislature of the City of Buenos Aires.

2018: "Notable of the Argentinian Cardiology", granted by Revista Gracias Doctor.

2019: "World Teacher of Electrocardiography", granted by the Interamerican Society of Cardiology and the Argentinian Society of Cardiology. Closing plenary conference: "Electrocardiography in the 21st Century".

2019: "Health 2019. Recognition to the Trajectory and Progress of Cardiology", granted by the Universidad de Ciencias Empresariales y Sociales.

2020: "Special Security Award. National and International Trajectory".

PEER REVIEWED (PAST AND PRESENT)

Revista Argentina de Cardiología (Argentine Journal of Cardiology)

Revista Latina de Cardiología Euro Americana (Barcelona, Spain)

Journal of Electrocardiology (USA)

Journal American College of Cardiology (USA)

Circulation (USA)

Journal of Cardiovascular Pharmacology and Therapeutics (USA)

Journal Cardiovascular Electrophysiology (USA)

Heart Rhythm (USA)

European Journal of Cardiology

Brazilian Journal of Cardiology

Medicina (Buenos Aires)

EDITORIAL BOARDS

Revista Latina de Cardiología Euroamericana (Barcelona, Spain).
Argentine Journal of Cardiology (Argentina)
Cardiology in Review (USA)
Heart Disease and Stroke (Edición Española, American Heart Association)
Journal of Cardiovascular Pharmacology and Therapeutics (USA)
Guest Editor, Chapters of Cardiology, Argentine Society of Cardiology.
Honorary Director, Electrofisiología, Arritmias, Argentine Society of Cardiology (Argentina).
Honorary Editor, Revista Insuficiencia Cardíaca (Argentina).
Member, Advisory Committee, Latin Journal of Electrophysiology
Member, Journal of the American College of Cardiology, Spanish Issue (Editor-in-Chief: Dr. Antonio Bayés de Luna)
Member, Editorial Board, EC Cardiology.

MEMBERSHIP PROFESSIONAL SOCIETIES

Honorary Member, Argentine Society of Cardiology
Emeritus Fellow American College of Cardiology
Honorary Fellow Spanish Society of Cardiology
Honorary Fellow Peruvian Society of Cardiology
Honorary Fellow Chilean Society of Cardiology
Heart Gold Member Fellow American Heart Association and Council of Clinical Cardiology
Member New York Academy of Sciences
Member, Honor Tribunal, Argentine Society of Cardiology
Full Member, Council of Notables, Executive Committee, Public Health and Biolaw Observatory.

ARGENTINE SOCIETY OF CARDIOLOGY

1963-present: Member Argentine Society of Cardiology
1977: President Scientific Committee XVI National Congress of Cardiology
1981-present: Peer Reviewed Argentine Journal of Cardiology
1982-present: Member Editorial Board Argentinian Journal of Cardiology
1985: Member Council of Electrocardiography, Electrophysiology and Arrhythmias
1986-1968: Director Council of Electrocardiography, Electrophysiology and Arrhythmias
1986-present: Professor, Continuous Medical Education Program.
1990 1991: Member Board of Directors
1993: Vice President, Argentine Society of Cardiology
1993-1996: Chairman, Continuous Medical Education Committee
1993: President, Scientific Committee, XX Argentine Congress of Cardiology
1993: Delegate, Argentine Society of Cardiology to the Inter American Society of Cardiology
1994: President, Argentine Society of Cardiology
1994 1997: Director, Specialty Training in Cardiology (Argentine Society of Cardiology and Buenos Aires University).
2005-2012: Director, Specialty Training in Cardiology, Buenos Aires University
2012-present: Member, Court of Honor.

SCIENTIFIC PUBLICATIONS

1. La reparación hidro-electrolítica del lactante con toxicosis. Elizari MV, Negri JC. Publicado por el Departamento de Maternidad e Infancia, Dirección General de Salud Pública, Pcia. La Pampa, 1961.
2. The mechanism of bidirectional tachycardia. Rosenbaum MB, Elizari MV, Lázari JO. *Am Heart J.* 78:4, 1969.
3. Five cases of intermittent left anterior hemiblock. Rosenbaum MB, Elizari MV et al. *Am J. Cardiol* 23: 1, 1969.
4. Wenckebach periods in the bundle branches. Rosenbaum EB, Nau GJ, Levi R, Elizari MV et al. *Circulation* 40: 79, 1969.
5. Intraventricular trifascicular blocks. The syndrome of right bundle branch block with intermittent left anterior and posterior hemiblock. Rosenbaum MB, Elizari MV et al. *Am. Heart J.* 78: 306, 1969.
6. Intraventricular trifascicular blocks. Review of the literature and classification. Rosenbaum MB, Elizari MV et al. *Am Heart J* 78: 450, 1969.
7. Right bundle branch block with left anterior hemiblock surgically induced in tetralogy of Fallot. Relationships to the mechanisms of the electrocardiographic changes in endocardial cushion effects. Rosenbaum MB, Corrado G, Oliveri R, Castellanos A, Elizari MV. *Am J Cardiol* 26: 12, 1969.
8. Anatomical basis of A V conduction disturbances. Rosenbaum MB, Elizari MV et al. *Geriatrics* 25:132.
9. Right bundle branch block and left anterior fascicular block (left anterior hemiblock) following tricuspid valve replacement. Aravindakshan B, Elizari MV, Rosenbaum MB. *Circulation* 42: 895, 1970.
10. Bilateral bundle branch block. Its recognition and significance. Rosenbaum MB, Elizari MV et al. *Cardiovascular Clinics* 2:151, 1971.
11. Effects of acetylcholine on automaticity and conduction in the proximal portion on the His Purkinje specialized conduction of the dog. Bailey JC, Greenspan K, Elizari MV, Anderson GJ, Fisch C. *Circ Research* 30: 210, 1972.
12. El diagnóstico diferencial de los hemibloqueos. Rosenbaum MB, Elizari MV, Lázari JO. *Medicina* 1972; 32(3):315.
13. Electrophysiological Mechanism of aberrant conduction of premature beats. Elizari MV, Greenspan K, Fisch C. *Circulation* 46: 106, 1972
14. A simple dissecting technique of the A V canine conducting system for electrophysiological studies. Elizari MV, Greenspan K, Fisch C. *Circulation* 46: 590, 1972
15. Phase 3 and phase 4 intermittent left anterior hemiblock. Report of the first case in the literature. Elizari MV et al. *Chest* 62: 663, 1972.
16. His bundle electrogram of the dog: A true representation of the intracellular events. Varghese JP, Elizari MV, Parameswaran R, Damato AN, Lau SH. Abstract. *Am J Cardiol* 31: 162, 1973.
17. Exposure of the canine proximal A V conducting system for electrophysiological studies. Elizari MV, Greenspan K, Fisch C. *J Applied Physiol.* 34: 538, 1973.
18. The mechanism of intermittent bundle branch block: Relationship to prolonged recovery, hypopolarization and spontaneous diastolic depolarization. Rosenbaum MB, Elizari MV et al. *Chest* 63: 666, 1973.
19. Paroxysmal atrioventricular block related to hypopolarization and spontaneous depolarization. Rosenbaum MB, Elizari MV et al. *Chest* 63: 678, 1973.
20. Left anterior and left posterior hemiblock. Electrocardiographic manifestations. Rosenbaum MB, Elizari MV. *Postgraduate Medicine* 53: 61, 1973.
21. Wenckebach periods of alternate beats. Clinical and experimental observations. Halpern MS, Nau GJ, Levi RJ, Elizari MV, Rosenbaum MB. *Circulation* 48: 41, 1973.
22. Left anterior hemiblock obscuring the diagnosis of right bundle branch block. Rosenbaum MB, Yesuron J, Lázari JO, Elizari MV. *Circulation* 48: 298, 1973.
23. Phase 3 and phase 4 intermittent left bundle branch block occurring spontaneously in a dog. Correlation with histological study of the conduction system. Elizari MV, Lázari JO, Rosenbaum MB. *Eur J Cardiol* 1: 95, 1973.
24. His bundle electrogram of the dog: correlation with intracellular recordings. Varghese PJ, Elizari MV, Sun H, Damato AN. *Circulation* 48: 753, 1973.
34. Las bases fisiológicas de los bloqueos de rama intermitentes. Rosenbaum MB, Elizari MV et al. *Medicina* 23: 377, 1973.
25. Periodos de Wenckebach de latidos alternos. Halpern MS, Nau GJ, Levi RJ, Rosenbaum MB, Elizari MV, Lázari JO. *Medicina* 23: 286, 1973.

26. Relationships between increased automaticity and depressed conduction in the main intraventricular conducting fascicles of the human and canine heart. Rosenbaum MB, Elizari MV et al. *Circulation* 49: 818, 1974.
27. The experimental production of rate dependent bundle branch block in the canine heart. Elizari MV et al. *Circulation Research* 34: 215, 1974.
28. The pharmacological effects of potassium: The occurrence of sinoventricular conduction. Greenspan K, Elizari MV. *J of Clinical Pharmacol* 14: 155, 1974.
29. Electrophysiological studies on intraventricular aberrant conduction. Elizari MV, Greenspan K, Fisch CH. *Advances in Cardiology* 14: 115, 1975.
30. Control of the tachyarrhythmias associated with the Wolff-Parkinson White syndrome by amiodarone hydrochloride. Rosenbaum I M, Chiale PA, Ryba D, Elizari MV. *Am J Cardiol* 33: 166, 1974.
31. Control of tachyarrhythmias associated with Wolff Parkinson-White syndrome by amiodarone hydrochloride. Rosenbaum MB, Chiale PA, Ryba D, Elizari MV. *Am J Cardiol* 34: 215, 1974.
32. Efecto de diferentes drogas antiarrítmicas sobre un caso de bloqueo de rama intermitente. Chiale PA, Levi RJ, Halpern MS, Elizari MV, Rosenbaum MB. *Medicina* 35: 1, 1975.
33. The occurrence of phase 4 block in the anomalous bundle of patients with Wolff Parkinson White syndrome. Przybylski J, Chiale PA, Quintero RA, Elizari MV, Rosenbaum MB. *European J Cardiol* 3/4:267, 1975.
34. The life on a thin line. Locating the cause and the site of heart block. Elizari MV. *Cardiology Today* 3: 1, 1975.
35. Clinical efficacy of amiodarone as an antiarrhythmic agent. Rosenbaum MB, Chiale PA, Halpern MS, Nau GJ, Przybylski J, Lázzari JO, Elizari MV. *Am J Cardiol* 38: 934, 1976.
36. Comparative effects of ajmaline on intermittent bundle branch block and the Wolff Parkinson White Syndrome. Chiale PA, Przybylski J, Halpern M.S, Lázzari JO, Elizari MV, Rosenbaum MB. *Am J Cardiol* 39: 651, 1977.
37. Existence of automaticity in the anomalous bundle of the Wolff Parkinson-White syndrome. Przybylski J, Chiale PA, Halpern MS, Elizari MV, Rosenbaum MB. *British Heart J* 40: 672, 1978.
38. Trastornos de conducción aurículoventriculares e intraventriculares en la insuficiencia coronaria. Elizari MV. En homenaje al Profesor Mauricio Rapaport. *Rev. AMA* 1979, pag. 74 80.
39. Mecanismos electrofisiológicos, localización de lesiones en un caso de bloqueo AV infrahisiano. Conti LA, Halpern MS, Chiale PA, Elizari MV, Lázzari JO, Przybylski J. *Medicina* 39: 645, 1979.
40. Unmasking of ventricular preexcitation by vagal stimulation or isoproterenol administration. Przybylski J, Chiale PA, Halpern MS, Nau GJ, Elizari MV, Rosenbaum MB. *Circulation* 61: 1030, 1980.
41. Las diferentes variedades de bloqueo A V paroxístico. Levi RJ, Elizari MV, Lázzari JO, Nau GJ, Rosenbaum MB. *Rev Latina de Cardiol Euroamericana* 1: 82, 1980.
42. La producción experimental del bloqueo AV paroxístico en fase 3, en fase 4 en una preparación del sistema de conducción canino. Elizari MV, Novakosky A, Levi RJ, Lázzari JO, Rosenbaum MB. *Rev Latina de Cardiología Euroamericana* 1: 68, 1980.
43. Drogas antiarrítmicas de fuerte efecto acumulativo en la prevención de la muerte súbita. Chiale PA, Halpern MS, Nau GJ, Tambussi AM, Sánchez R, Przybilski J, Lázzari JO, Elizari MV, Rosenbaum MB. *Rev Lat Cardiol* 1:26, 1980.
44. Effects of Isoproterenol on Abnormal Intraventricular Conduction. Halpern MS, Chiale PA, Nau GJ, Przybylski J, Lázzari JO, Elizari MV, Rosenbaum MB. *Circulation* 62:1357, 1980.
45. Concealed Ventricular Parasystole Uncovered in the form of Ventricular Escapes of Variable Coupling. Nau GJ, Aldariz AE, Acunzo RS, Chiale PA, Elizari MV and Rosenbaum MB. *Circulation* 64: 199, 1981.
46. Electrocardiographic Changes Evoked by Ajmaline in Chronic Chagas' disease without manifest Myocarditis. Chiale PA, Przybylski J, Laiño RA, Halpern MS, Sanchez RA, Gabrielli A, Elizari MV, Rosenbaum MB. *Am J Cardiol* 49: 14, 1982.
47. Usefulness of the Ajmaline Test in Patients with Latent Bundle Branch Block. Chiale PA, Przybylski J, Laiño RA, Halpern MS, Nau GJ, Sanchez RA, Lázzari JO, Elizari MV, Rosenbaum MB. *Am Heart J of Card* 49:21, 1982.
48. Modulation of Parasystolic Activity by Nonparasystolic Beats. Nau GJ, Aldariz AE, Acunzo RS, Halpern MS, Davidenko JM, Elizari MV and Rosenbaum MB. *Circulation* 66: 462, 1982.
49. Electrotonic Modulation of the T wave and Cardiac Memory. Rosenbaum MB, Blanco HM, Elizari MV, Lázzari JO and Davidenko JM. *Am J Cardiol* 50: 213, 1982.

50. Malignant Ventricular Arrhythmias in Chronic Chagasic Myocarditis. Chiale PA, Halpern MS, Nau GJ, Przybylski J, Tambussi AM, Lázari JO, Elizari MV, Rosenbaum MB, Pace 5:162, 1982.
51. Ventricular Fibrillation After intravenous Atropine in a Patient with Atrioventricular Block. Lázari JO, Benchuga EG, Elizari MV, Rosenbaum MB. Pace 5: 196, 1982.
52. Abnormal Q waves in right sided chest leads provoked by onset of Right Bundle Branch Block in Patients with Anteroseptal Infarction. Rosenbaum MB, Girotti LA, Lázari JO, Halpern MS, Elizari MV. Br Heart J 47: 227, 1982.
53. Chronic Manifestation in mice with Trypanosoma Cruzi. Bijovsky T. Elizari MV, Muller LA, Katzin VJ, Gonzalez Cappa SM. Rev Inst Med Trop (S. Pablo) 25 (5):207, 1983.
54. Supernormal Excitability and Conduction. Rosenbaum MB, Levi RJ, Elizari MV, Vetulli HM, Sánchez RA. Cardiology Clinics 1: 75, 1983.
55. Ten years of Experience with Amiodarone. Rosenbaum MB, Chiale PA, Haedo A, Lázari JO, Elizari MV. Am Heart J 1983; 106 (4) 957.
56. Efficacy of Amiodarone during Long Term Treatment of Potentially Malignant Ventricular Arrhythmias in Patients with Chronic Stable Ischemic Heart Disease. Kaski JC, Girotti LA, Elizari MV, Lázari JO, Goldbarg A, Tambussi AM, Rosenbaum MB. Am. Heart J 107: 656, 1984.
57. Is Amiodarone an ideal antiarrhythmic drug? Rosenbaum MB, Chiale PA, Kaski JC, Elizari MV. Pace 7: 272, 1984.
58. Efficacy of Amiodarone in Patients with Chagas' disease and Life-Threatening Arrhythmias. Kaski JC, Haedo A, Chiale PA, Elizari MV, Rosenbaum MB. British Heart Clin Pract 40: symposium supplement No. 44, 1986.
59. Role of Amiodarone in the Long-term Management of Potentially Malignant Ventricular Arrhythmias in Patients with Severe Chagasic Myocardiopathy. Chiale PA, Haedo AH, Pastori JD, Sánchez RA, Elizari MB, Rosenbaum MB. Clin Prog in Electrophysiology and Pacing 4: 331, 1986.
60. Comparative Antiarrhythmic Efficacy of Verapamil, 17 monochloroacetylalajmaline, Mexiletine and Amiodarone in Patients with Severe Chagasic Myocarditis: Relation with the Underlying Arrhythmogenic Mechanisms. Haedo AH, Chiale PA, Sanchez RA, Pastori JD, Elizari MV, Rosenbaum MB. Am Coll Card 7: 114, 1986.
61. Supernormal Conduction in the Accessory Pathway of Patients with Overt or Concealed Preexcitation. Przybylski J, Chiale PA, Sanchez RA, Pastori JD, Francos HG, Elizari MV, Rosenbaum MB. 1987. J Am Coll Cardiol 1987; 9(6):1269-78.
62. Chronic idiopathic idioventricular tachycardia caused by slow response automaticity. Chiale PA, Sicouri S, Elizari MV, Rosenbaum MB. Pace 10: 1371, 1987.
63. Excitabilidad y conducción supernormal en la electrocardiografía clínica. Elizari MV, Aldariz AE, Levi RJ. Actualizacáo Cardiologica (Brasil) 6: 1988.
64. Enfermedad del Nódulo Sinusal en la Enfermedad de Chagas. Elizari WV. Revista Federación Argentina de Cardiología 17 (2): 205, 1988.
65. Cellular effects of antiarrhythmic drugs. Remarks on methodology. Elizari MV, Levi RJ, Novakosky A, Lázari JO, Vetulli HM, Rosenbaum MB. Simposio Antiarrhytmic and antianginal drugs with cumulative effects. Sheinman M, Slama R. Sanofi Pharma International, Paris, Francia, 1980.
66. Contrasting Effects of Verapamil and Procainamide on Rate dependent Bundle Branch Block: Pharmacologic Evidence for the Role of Depressed Sodium Channel Responses. Chiale PA, Pastori JD, Sánchez RA, Elizari MV, Rosenbaum MB. J Am Coll Cardiol 15 (3): 633, 1990.
67. Manifest Fast and Slow Pathway Conduction Pattern and Reentry in a Patient with Dual AV Nodal Physiology, Elizari MV, Sanchez Chiale PA. J Cardiovasc Electrophysiol 1991; 2: 98.
68. Electrocardiographic Characteristics and Main Causes of Pseudo Primary T Wave Changes. Significance of Concordant and Discordant T Waves in the Human and Other Animal Species. Rosenbaum MB, Blanco HH, Elizari MV. "Electrocardiography. Past and Future". Editors. Coumel P and Gargein OB. Ann of Un. NY Sc of Sc. Vol. 601: 36,1990.
69. Rate dependence and supernormality in excitability of guinea pig papillary muscle. Davidenko JM, Levi RJ, Maid G. Elizari MV, Rosenbaum MB. Am J Physiol 1990; 251: 290.
70. Intermittent LBBB mimicked by early right ventricular activation through a nodo-fascicular fiber. Franco DA, Sánchez RA, Elizari MV, Chiale PA. Am Heart J 1991; 121: 1813.
71. Cambios en la conducción intraventricular inducidos por digital en pacientes con bloquea de rama intermitente. Sánchez RA, Chiale PA, Elizari MV, Halpern MS, Rosenbaum MB. Rev Latina de Cardiol 12: 76, 1991.

72. Cambios paradójicos de la excitabilidad dependientes de la frecuencia de estimulación en el musculo papilar de cobayo. Maid GF, Davidenko J, Escobar J, Levi RJ, Elizari MV. Rev. Latina de Cardiol 1991; 12: 76.
73. Intraventricular conduction disturbances in civilian flying personnel: left anterior hemiblock: Canaveris G, Halpern MS, Elizari MV. Aviat Space Environmental Medicine 63: 292, 1992.
74. Conducción anterógrada lenta por una vía anómala en un caso de bloqueo aurículoventricular completo en la vía normal. Corrado G, Przybyski J, Halpern MS, Sánchez RA, Elizari MV. Rev Argent de Card 60: 103, 1992.
75. Estudio comparativo de la eficacia antiarrítmica de la 17 monocloroacetilajmalina , mexiletina, amiodarona, administrados por vía intravenosa en el tratamiento de las arritmias malignas de la miocarditis crónica chagásica. Haedo AH, Chiale PA, Sánchez RA, Pastori JD, Elizari MV, Rosenbaum MB. Rev Lat de Cardiol 13: 259, 1992.
76. Manejo de los pacientes con bloqueo aurículoventricular. Elizari MV. Act Ter Cardiologia (Madrid) 3: No. 2, 92, 1992.
77. Cardiac arrhythmias in Chagas heart disease. Elizari MV, Chiale PA. J Cardiovasc Electrophysiol 4: 596, 1993.
78. Anticuerpos antirreceptores beta adrenérgicos en la enfermedad de Chagas crónica. Chiale PA, Feigelson EA, Levin M, Elizari MV, Hoebeke J, Rosenbaum MB. Rev Argent Cardiol 62 (1): 31, 1994.
79. Preservación del ritmo sinusal a largo plazo por amiodarona en la fibrilación auricular. Galperin J, Chiale PA, Elizari MV. Rev Argent Cardiol 1994; 62: 77.
80. Antibodies to Beta-Adrenergic receptors disclosing agonist like properties in idiopathic dilated cardiomyopathy and Chagas' heart disease. Rosenbaum MB, Chiale PA, Schejtman D, Levin M, Elizari MV. J Cardiovasc Electrophysiol 1994; 5: 367.
81. Variaciones de la periodicidad y de la ligadura en las extrasístoles ventriculares durante el marcapaseo auricular, esfuerzo máximo, sueño, sus implicancias electrofisiológicas, clínicas. Acunzo RS, Halpern MS, Tambussi AM, Aldariz AE, Elizari MV, Nau GJ. Rev Argent Cardiol 1994: 62: 121.
- 82.. Overdrive prolongation of refractoriness and fatigue in the early stages of human bundle branch disease. Chiale PA, Sánchez RA, Franco AD, Elizari MV, Rosenbaum MB. J Am Coll of Cardiol 1994; 23: 724.
83. Electrofisiología Cardíaca Normal. Marcelo V. Elizari, Vol. IV No. 1. Arritmias, 1994. Capítulos de Cardiología, Sociedad Argentina de Cardiología.
84. Fatiga de la conducción retrógrada en una vía anómala como mecanismo de interrupción de taquicardias paroxísticas subintrantes inducidas por ajmalina. Przybyski J, Halpern MS, Estrella JL, Gesualdo SN, Elizari MV. Rev Argent Cardiol 1994; 62: 369.
85. Actividad nerviosa autónoma sobre el corazón en hiper e hipotiroidismo. Guinjoan S, Girotti LA, Navarrane G, Ianovsky , Reyes A, Silva Croome MC, Villan CP, D'Negri C, Mantaras C, Elizari MV. Rev ArgentCardiol 1995; 63: 86. Molecular Mimicry between the immunodominant ribosomal Protein PO of Trypanosoma Cruzi and a functional epitope on the human beta 1 adrenergic receptor. Ferrari I, Levin M, Wallukat G, Elies R, Lebesque D, Chiale PA, Elizari MV, Rosenbaum MB, Hoebeke J. J Exp Med 1995; 182: 59 65.
87. Clinical aspects of cardiac memory revisited. Elizari MV, Chiale PA. Journal of Electrocardiology 1995; 28: 148 155.
88. High prevalence of antibodies against beta 1 and beta 2 adrener-gic receptors in patients with primary electrical cardiac abnormalities. Chiale PA, Elizari MV, Rosenbaum MB. J Am Coll of Cardiol, 1995; 26: 864 869.
89. Anticuerpos antirreceptores adrenérgicos beta con actividad agonista parcial en pacientes con cardiopatía eléctrica primaria. Chiale P, Vallaza M, Feigelson E, Caramés S, Ferrari I, Levin M, Elizari M, Rosenbaum M (Trabajo galardonado con el Premio Cossio). Revista Argentina de Cardiología 1996; 64: 2.
90. El tratamiento crónico con amiodarona disminuye la dispersión transmural de la repolarización inducida por el bloqueo de Ikr en el corazón canino. Moro S, Sicouri S, Nicola Siri L, Elizari MV. Medicina 1996: 56: 591.
91. Evolución de los pacientes fumadores con infarto agudo de miocardio. Ciruzzi, Garguichevich J, Badaracco R, Otatti L, Cagide A, Belziti C, Scapin O, Elizari M, Carbajales J, Girotti L. Rev Argent Cardiol 1996, 64 (1): 65 73.
92. Amiodarona y dispersión del intervalo QTc en el infarto agudo de miocardio. Bender D, Gagliano C, Cagide A, Be1ziti C, Martínez Martínez J, Ciruzzi M, Sirusi A, Scapin O, Carbajales J, Girotti L, Elizari M. Rev. ArgentCardiol 1996; 64: 147.
93. Cierre espontáneo de la comunicación interventricular. Una causa ignorada de trastornos de la conducción aurículoventricular e intraventricular. Elizari MV, Ansaldo MS, Chiale PA, Mosto H, Guerchi JP, Colombero D, Rosenbaum MB. Rev ArgentCardiol 1996; 64: 165.

94. Structural and functional analysis of the B cell epitopes recognized by antireceptor autoantibodies in patients with Chagas disease. Ellies R, Ferrari I, Wallukat G, Lebesque D, Chiale PA, Elizari MV, Rosenbaum MB, Hoebeke J, Levin M, J Immunol 1996; 157: 4203.
95. High prevalence of antibodies against BI and B2 adrenergic receptors in patients with primary electrical abnormalities. Chiale PA, Elizari MV, Rosenbaum MB. J Am Coll Cardiol 1996; 26, 864.
96. Clinical aspects of cardiac memory revisited. Elizari MV, Chiale PA. J Electrocardiol 1996; 28: 148.
97. Arrhythmias associated with Chagas disease. Elizari MV. Cardiac Electrophysiol Review 1997; 1: 270.
98. D sotalol induces marked action potential prolongation and early after depolarization in M but not in epicardial or endocardial cells of the canine ventricle. Sicouri S, Moro S, Elizari MV. J Cardiovasc Pharmacol Therapeut 1997; 2: 27.
99. Cholinergic autoantibodies in sinus-node dysfunction. Ferrari I, Levin M, Elizari MV, Rosenbaum MB, Chiale PA. Lancet 1997; 350: 262.
100. Muerte súbita ambulatoria. Acunzo RS, Halpern MS, Konopka I, Aldariz AA, Feigelson E, Elizari MV, Rev ArgentCardiol 1997; 65: 551.
101. Efectos de la administración precoz de amiodarona sobre la mortalidad en el infarto agudo de miocardio. Resultados del estudio GEMICA. Carbajales J, Martínez Martínez J, Belziti C, Ciruzzi M, Sinisi A, Scapin O, Garguichevich J, Girotti L, Elizari MV, Cagide A. Rev ArgentCardiol 1997; 65: 133.
102. Recurrencia de los episodios sincopales en pacientes con síncope neurocardiogénico. Tambussi A, Kochen S, Fossa Orlandini E, Elizari MV, Miranda E. Rev Argent Cardiol 1997; 65: 155 163.
103. Educación a distancia en Cardiología. Análisis poblacional de una nueva modalidad educativa. Iglesias R, Sosa Liprandi M, Blumberg E, Muratore C, Rabinovich R, Torre H, Elizari MV. Rev Argent Cardiol 1997; 65:651.
104. Insuficiencia autonómica en un caso de feocromocitoma con hipotensión postural. Girotti L, Guinjoan S, Navarrane G, Ianovsky O, Carbajales J, Lupi S, Pollina M, Elizari MV, Nicola Siri L. Rev Argent Cardiol 65:99,1997.
105. Chronic amiodarone reduces transmural dispersion of repolarization in the canine heart. Sicouri S, Moro S, Litovsky S, Elizari MV, Antzelevitch C. J Cardiovasc Electrophysiol 1997; 8 1269.
106. Incidence of conduction disturbances complicating acute myocardial infarction with amiodarone at moderate and high doses (Observations from GEMICA Study). V Sinisi, A Giniger, A Lapuente, J Carbajales, O Scapin, L Girotti, J Martínez Martínez, A Cagide, MV Elizari. J Am Coll Cardiol February 1997, 345A.
107. The global use of strategies to open occluded coronary arteries (GUSTO ITT) Investigators. A comparison of reteplase with alteplase for acute myocardial infarction. New Engl J Med 337: 1118 23, 1997.
108. Effect of prophylactic amiodarone on mortality after acute myocardial infarction and in congestive heart failure: meta-analysis of individual data from 6500 patients in randomized trials. Amiodarone Trials Metaanalysis Investigators. Elizari MV Lancet 3 50: 14171424, 1997.
109. Transmural electrical heterogeneity in the human ventricle is reduced in hearts with dilated cardiomyopathy. Moro Elizari MV, Sicouri S. PACE 1999; 22: 762.
110. Acute amiodarone and dronedarone reduce transmural dispersion of repolarization and abolished early depolarization (EADs) in the canine ventricle. Moro S, Celestino D, Elizari MV, Sicouri S. PACE 1999; 22: 786.
111. Dronedarone and amiodarone reduce transmural dispersion of repolarization in the canine heart. Sicouri S, Moro S, Celestino D, Elizari MV. Fundamental and Clinical Pharmacol 1999; 13: 72 (Suppl 1).
112. Comparison of two treatment direction (6 days and 14 days of low molecular weight heparin with a 6-day treatment of unfractionated heparin in the initial management of unstable angina or non Q wave myocardial infarction: FRAXIS. (Fraxiparine in Ischaemic Syndrome). The FRAXIS Study Group. European Heart J 1999: 20: 1553 1562.
113. Outcome of Hispanic patients treated with thrombolytic therapy for acute myocardial infarction. Results from the GUSTO I and -III Trials. Cohen MG, Granger CB, Ohman ME, Stebbins AL, Grinfeld IR, Cagide AM, Elizari MV, Betriu A, Kong D, Topol E, Califf R. J Am Coll Cardiol 1999; 34 (6): 1729 1737.
114. La miocardiopatía chagásica. Perspectiva histórica. Elizari MV. Medicina 1999; 59: 25.
115. Prevalencia, efectos funcionales, bioquímicos de los anticuerpos antirreceptores autonómicos cardiacos en pacientes con arritmias ventriculares y disfunción sinusal. Chiale PA, Ferrari I, Mahler E, Levin M, Elizari MV, Rosenbaum MB. Rev Argent Cardiol 2000; 68: 399.

116. Comportamiento farmacológico de una vía fascículoventricular. Utilidad para el diagnóstico electrocardiográfico diferencial con el síndrome de Wolff-Parkinson-White. Chisari C, Schmidberg J, Militello C, Contreras L, Elizari MV, Chiale PA. *Rev Argent Cardiol* 2000; 68: 719.
117. Differential profile and biochemical effects of antiautonomic membrane receptors antibodies in patients with cardiac arrhythmias. Ferrari I, Mahler E, Vallaza M, Levin J, Elizari MV, Rosenbaum MB, Gutkind S, Chiale PA. *Pacing Clin Electrophysiol* 2000; 23: 553.
118. Morbidity and mortality following early administration of amiodarone in acute myocardial infarction. Elizari MV, Martínez Martínez J, Belziti C, Ciruzzi M, Pérez de la Hoz R, Sinisi A, Carbajales J, Scapin O, Garguichevich J, Girotti L, Cagide A. *Eur Heart J* 2000; 21: 198.
119. Pharmacologic reversion of chronic atrial fibrillation with amiodarone predicts long term maintenance of sinus rhythm. Galperin J, Elizari MV, Chiale PA, Torres Molina R, Ledesma R, Scapin O, Vázquez Blanco M. *European Heart J* 2000; 21: 327.
120. Variabilidad de la frecuencia cardíaca y ritmo circadiano en pacientes con síndrome de intervalo QT largo congénito con síncope a repetición. Acunzo RS, Stambuli G, Konopka IV, Feigelson E, Elizari MV, Pizzarelli N. *Rev Argent Cardiol* 2000; 68: 203.
121. Class III and Multiclass investigational antiarrhythmics. Clinical Electrophysiology and first therapeutic experiences. Elizari MV. *Cardiov Drugs and Therapy* 2000; 14: 150.
122. Low urinary 6 sulphatoxymelatonin levels in patients with coronary artery disease. Girotti LA, Zago M, Ianovsky O, Carbajales J, Elizari MV, Brusco LI, Cardinali DP. *J Pineal Research* 2000; 29: 138.
123. Prevención primaria de la muerte súbita. Antiarrítmicos o desfibriladores implantables. ¿Hay evidencias fundamentadas para indicar unos u otros? Elizari MV, Pesce R. *Rev Argent Cardiol* 2000; 68: 831.
124. Lidocaine sensitive rate related repetitive atrial tachycardia. A new arrhythmogenic syndrome. Chiale PA, Franco A, Selva HO, Militello C, Elizari MV. *J Am Coll Cardiol* 2000; 36: 1637.
125. La heterogeneidad eléctrica en el ventrículo humano puede explicar la onda J (onda de Osborne) en la hipotermia. Moro S, Medei E, Rojas L, Elizari MV, Sicouri S. *Rev Argent Cardiol* 2000; 68.
126. Differential profile and biochemical effects of antiautonomic membrane receptor antibodies in ventricular arrhythmias and sinus node dysfunction. Chiale PA, Ferrari I, Mahler E, Vallaza M, Elizari MV, Rosenbaum MB, Levin MJ. *Circulation* 2001; 103: 1765.
127. Efficacy of amiodarone for the termination of chronic atrial fibrillation and maintenance of normal sinus rhythm: a prospective, multicenter, randomized controlled, double-blind trial. Galperin J, Elizari MV, Chiale PA, Torres Molina R, Ledesma R, Scapin O, Vázquez Blanco M. *J Cardiovasc Pharmacol Therapeut* 2001; 6 (4): 341.
128. Patrones múltiples de preexcitación ventricular en un paciente con dos vías accesorias AV izquierdas. Sánchez FA, González PE, Militello C, Franco A, Cecchi A, Elizari MV, Chiale PA. *Rev Argent Cardiol* 2002; 70: 407.
129. Elizari MV. Arrhythmias associated with Chagas' disease. *Cardiac Electrophysiol Rev* 2002; 6; 115.
130. Pharmacologic reversion of persistent atrial fibrillation with amiodarone predicts long-term sinus rhythm maintenance. Galperin J, Elizari MV, Chiale PA. *Journal of Cardiovascular Pharmacology and Therapeutics* 2003; 8: 179-186.
131. Fístulas coronarias múltiples con drenaje en las cavidades ventriculares asociadas con miocardiopatía hipertrófica no obstructiva. Benchuga EG, Girotti LA, Schmidberg JM, Paz SE, Papadopulos G, Sánchez FA, Elizari MV. *Rev Argent Cardiol* 2003; 71: 54.
132. Los anticuerpos antirreceptores β adrenérgicos en el síndrome de taquicardia sinusal inapropiada. ¿Un nuevo factor en su fisiopatogénesis? Meiller F, Schmidberg JM, Ferrarri I, Garro H, Elizari MV, Chiale PA. *Rev Argent Cardiol* 2003; 71: 186.
133. En memoria al Dr. Mauricio B. Rosenbaum. Elizari MV. *Rev Argent Cardiol* 2003; 71: 236.
134. In Memoriam. Dr. Mauricio B. Rosenbaum. Elizari MV. *J Cardiovasc Electrophysiol* 2003; 14: 1018.
135. Mauricio B. Rosenbaum. A revolutionary Electrocardiologist from the Southern Hemisphere. Elizari MV. *Circulation* 2003; 108: 780.
136. Dr. Mauricio B. Rosenbaum. Elizari MV. *Rev Fundación Fac. de Medicina* 2003; 13: 49.

137. La miocardiopatía dilatada induce el remodelado eléctrico en el ventrículo humano. Moro S, Sicouri S, Ferreiro M, Elizari MV. *Rev Argent Cardiol* 2004; 72: 109.
138. El papel de la heterogeneidad eléctrica celular del miocardio ventricular en la génesis de las arritmias cardíacas. Sicouri S, Civetta MM, Chiale PA, Elizari MV. *Rev Argent Cardiol* 2003; 71: 372.
139. Efecto de la ajmalina en pacientes con síndromes de intervalo QT largo hereditarios. Konopka IV, Acunzo RS, Sánchez RA, Feigelson E, Chiale PA, Elizari MV, Tca. Pizzarelli N. *Rev Argent Cardiol* 2004; 71: 154.
140. Pharmacologic reversion of persistent atrial fibrillation with amiodarone predicts long-term sinus rhythm maintenance. Galperin J, Elizari MV, Chiale PA, et al. *J Cardiovasc Pharmacol Therapeut* 2003; 8:179.
141. Los anticuerpos antirreceptores β adrenérgicos en el síndrome de taquicardia sinusal inapropiada. ¿Un nuevo factor en su fisiopatogénesis? Meiller F, Schmidberg J, Ferrari I, Garro HA, Elizari MV, Chiale PA. *Rev Argent Cardiol* 2003; 71: 186.
142. Low urinary 6 sulfatomelatonin levels in patients with severe congestive heart failure. Girotti LA, Lago M, Ianovsky O, Elizari MV, Dini A, Pérez Lloret S, Albornoz E, Cardinali DP. *Endocrine* 2003; 22: 245.
143. Comportamiento atípico del QTc, del ST en un caso con síndrome de Brugada. Acunzo RS, Konopka I, Sánchez R, Pizzarelli N, Guerra J, Elizari MV. *Rev Esp Cardiol* 2004; 57 (3):268.
144. Tolvaptan administration does not affect steady state amiodarone concentrations in patients with cardiac arrhythmias. Shoaf SE, Elizari MV, Wang Z, Sekar K, Grinfeld LR, Barbagelata NA, Lerman J, Bramer S L, Trongé J, Orlandi C. *J Cardiovasc Pharmacol Therapeut* 2005; 10: 165.
145. La conductividad supernormal en las vías accesorias aurículoventriculares del síndrome de Wolff-Parkinson-White: una propiedad electrofisiológica soslayada, con potencial impacto pronóstico. Albino E, Garro H, Selva H, Levi R, Sánchez RA, Álvarez CB, Elizari MV, Chiale PA. *Rev Argent Cardiol* 2005; 73: 370.
146. Utilidad del Doppler pulsado tisular en la detección precoz de anomalías diastólicas en familiares de primer grado de pacientes con miocardiopatía hipertrófica familiar. Saccheri MC, Cianciulli TF, Konopka IV, Guerra JE, Acunzo RS, Serans DF, Lax JA, Prezioso HA, Vidal LA, Elizari MV. *Rev Esp Cardiol* 2006; 59: 41-49.
147. Usefulness of pulsed Doppler tissue imaging in the early detection of diastolic myocardial abnormalities in first-degree relatives of patients with familial hypertrophic cardiomyopathy. Saccheri MC, Cianciulli TF, Konopka IV, Guerra JE, Acunzo RS, Serans DF, Lax JA, Prezioso HA, Vidal LA, Elizari MV. *Rev Esp Cardiol* 2006; 59(1):41.
148. Circadian analysis of myocardial infarction incidence in an Argentine and Uruguayan population (Research Article). D'Negri CA, Nicola-Siri L, Vigo DE, Girotti LA, Cardinali DP. *BMC Cardiovascular Disorders* 2006; 6: 1-8.
149. Hemiblocks Revisited. Elizari MV, Acunzo RS, Ferreiro M. *Circulation* 2007; 115: 1154-1163.
150. Abnormal expression of cardiac neural crest cells in heart development: a different hypothesis for the etiopathogenesis of Brugada syndrome. Elizari MV, Levi R, Acunzo RS, Chiale PA, Civetta MM, Ferreiro M, Sicouri S. *Heart Rhythm* 2007; 4: 359-365.
151. In vitro effects of acute amiodarone and dronedarone on epicardial, endocardial and M cells of the canine ventricle. Moro S, Ferreiro M, Celestino D, Medei E, Elizari MV, Sicouri S. *J Cardiovasc Pharmacol Therapeut* 2007; 12 (4): 314.
152. Supernormal conduction in the anomalous bundles of the Wolff-Parkinson-White syndrome: an overlooked electrophysiologic property with potential clinical implications. Chiale PA, Albino E, Garro H, Selva H, Levi RJ, Sánchez RA, Elizari MV, Alvarez CB. *J Cardiovasc Pharmacol and Therapeut* 2007; 12: 181.
153. Acute in vitro effects of dronedarone, an iodine-free derivative, and amiodarone, on the rabbit sinoatrial node automaticity: a comparative study. Celestino D, Medei E, Moro S, Elizari MV, Sicouri S. *J Cardiovasc Pharmacol and Therapeut* 2007; 12: 245.
154. Buscar la unidad en las semejanzas ocultas. Elizari MV. *Electrofisiología, Arritmias* 2008; 1: 2
155. Antibodies with beta adrenergic activity from chronic chagasic patients modulate the QT interval and M cell action potential duration by activation of IKs current. Medei EH, Nascimento JHM, Pedrosa RC, Masuda MO, Sicouri S, Elizari MV, Campos de Carvalho AC. *Europace* 2008; 10(7):868-876.
156. Mauricio Bernardo Rosenbaum. The internationally renowned electrocardiologist. South to the Equator. Elizari MV. *Ann Non Inv Electrocardiol* 2008; 13 (1); 86.
157. Mauricio B Rosenbaum (1921-2003): His main contributions to science and Electrocardiography. Pérez Riera A, Elizari MV. *Cardiology Journal* 2008; 15: 578-580.

158. Consenso de Miocardiopatía Hipertrófica. Comité Organizador Director. J. Casabé H. Comité de Redacción Acunzo R, Fernández A, Gabay J, Galizio N, Hita A, Ontiveros G, Peidro R, Elizari MV (Miembro del Comité Asesor de Normatizaciones, Consensos). Por Área de Normalizaciones, Consensos de la SAC. Sampó E. Rev Argent Cardiol 2009; 77: 151-166.
159. La reversión en la fibrilación auricular persistente con amiodarona oral, la duración previa de la arritmia vaticinan el control del ritmo a largo plazo. Galperin J, Elizari MV, Bonato R, Ledesma R, Lago M, Chiale PA. Rev Electro, Arritmias 2009; 2: 88-92.
160. Incidencias de terapias eléctricas durante el seguimiento a largo plazo de pacientes con síndrome de Brugada, cardiodesfibriladores implantables. Etcheverry D, Valera N, Faivelis L, Fernández P, Garro H, Pastori J, Elizari MV, Chiale PA. Electro, Arritmias 2009; 2: 116-119.
161. Reversal of primary and pseudo-primary T wave abnormalities by ventricular pacing. A novel manifestation of cardiac memory. Chiale PA, Pastori JD, Garro HA, Faivelis L, Ianovsky O, Sánchez RA, Alvarez CB, González M, Elizari MV. J Interv Card Electrophysiol 2010; 28(1):23-33.
162. Comentario Editorial. Bloqueo AV intrahisiano. Elizari MV. Rev Electro, Arritmias 2010; 3: 76-78
206. Distinct pharmacologic substrate in lidocaine-sensitive, repetitive atrial tachycardia. Chiale PA, Faivelis L, Garro HA, Fernández PA, Herrera Paz JJ, Elizari MV. J Cardiovasc Pharmacol Ther 2012; 17(2):146-52.
163. Intravenous amiodarone facilitates electrical cardioversion in patients with persistent atrial fibrillation pre-treated with oral amiodarone. Fernández PA, Bonato R, Galperin J, Sánchez RA, Garro HA, Acunzo RS, Lago M, Elizari MV, Chiale PA. Int J Cardiol. 2011;151(2):230-1.
164. A three-month treatment with amiodarone after reversion of a first episode of persistent atrial fibrillation significantly reduces recurrences at 18 months. Galperin J, Elizari MV, Bonato R, Ledesma R, Vázquez Blanco M, Lago M, Spada P, Sánchez J, Piasentin J, Chiale PA. Cardiol J. 2014;21(4):397-404.
165. La amiodarona intravenosa como adyuvante para la cardioversión eléctrica en pacientes con fibrilación auricular persistente refractaria en tratamiento con amiodarona oral. Fernández PA, Bonato R, Galperin J, Sánchez RA, Garro HA, Acunzo RS, Lago M, Elizari MV, Chiale PA. Rev Electro, Arritmias 2010; 4: 2-7.
166. Intravenous amiodarone facilitates electrical cardioversion in patients with persistent atrial fibrillation pre-treated with oral amiodarone. Fernández PA, Bonato R, Galperin J, Sánchez RA, Garro HA, Acunzo R, Lago M, Elizari MV, Chiale PA. Int J Cardiol. 2011; 151(2): 230-1.
167. Características clínicas, electrocardiográficas del síndrome de Andersen-Tawil. Acunzo RS, Sciolini SA, Konopka IV, Sánchez RA, Yoo, HS, Pizzarelli N, Chiale PA, Elizari MV. Rev Argent Cardiol 2011; 79: 144.
168. Memoria cardíaca "doble", efectos de la memoria cardíaca a corto plazo sobre la memoria cardíaca a largo plazo en pacientes con preexcitación ventricular sometidos a ablación por radiofrecuencia. Palma P, Cánova A, Garro HA, Pastori JD, Acunzo RS, Fernández PA, Elizari MV. Rev Argent Cardiol 2011; 79: 145.
160. Distinct Pharmacologic Substrate in Lidocaine-Sensitive, Repetitive Atrial Tachycardia. Chiale PA, Faivelis L, Garro HA, Fernández PA, Herrera Paz JJ, Elizari MV. J Cardiovasc Pharmacol 2012: 17 (2): 146-52.
170. High-degree right bundle branch block obscuring the diagnosis of Brugada electrocardiographic pattern. Chiale PA, Garro HA, Fernández PA, Elizari MV. Heart Rhythm 2012; 9: 974-76.
171. Electrocardiographic manifestation of the middle fibers/septal fascicle block: a consensus report. Bayés de Luna A, Pérez Riera A, Baranchuk A, Chiale P, Iturralde P, Pastore C, Barbosa R, Goldwasser D, Alboni P, Elizari M. J Electrocardiol 2012; 45: 431-40.
172. The electrocardiographic features of complete and partial left anterior and left posterior hemiblock. Elizari MV, Chiale PA. J Electrocardiol 2012; 45: 528-35.
173. The electrocardiographic diagnosis of intraventricular blocks coexisting with ventricular preexcitation. Chiale PA, Elizari MV. J Electrocardiol 2012; 45: 515-24.
174. Distinct pharmacologic substrate in lidocaine-sensitive, repetitive atrial tachycardia. Chiale PA, Faivelis L, Garro HA, Fernández PA, Herrera Paz, Elizari MV. Cardiovasc Pharmacol Ther. 2012; 2:146-52.
175. Evaluación de la sincronía ventricular en pacientes con estimulación ventricular prolongada desde el ápex del ventrículo derecho, asintomáticos, sin cardiomegalia. Favaloro I, Falcinelli F, Mosto H, Rivas CA, Pastori JD, Elizari MV, Chiale P. Revista Electrofisiología, Arritmias 2012; 5:1.

176. La visión de Buenos Aires. Elizari MV. Síndrome de Brugada. *Rev Electrofiol Arritmias* 2012; 5: 86-96
177. Síncope recurrente de causa inexplicable. Utilidad de la prueba de ajmalina durante el estudio electrofisiológico. Falcinelli F, Paolucci A, Bonacina J, Etcheverry D, Garro HA, Elizari MV. *Rev Electrofiol, Arritmias* 2012; 6: 32-38.
178. Foreword to the book: *Clinical Electrocardiology: A Text Book. (Fourth Edition)*. Antoni Bayés de Luna, Wikey Blackwell Publ (with other Foreword written by Eugene Branwald). Elizari MV. 2012
179. A reappraisal on lidocaine-sensitive repetitive uniform atrial tachycardia. *Annals of Non-Invasive Electrophysiology*. Garro H, Elizari MV, Baranchuk A, Femenía F, Chiale PA. *Annals of Noninvasive Electrocardiology* 2013; 18: 1-11.
180. Masquerading Bundle Branch Block: A Variety of Right Bundle Branch Block with Left Anterior Fascicular Block. Elizari MV, Baranchuk A, Chiale PA. *Expert Rev Cardiovasc Ther* 2013;11(1): 69-75.
181. Clinical Evaluation of Losartan and Diltiazem on the Development of T Wave Memory by Right Apical Ventricular Pacing. Chiale PA, Etcheverry D, Pastori J, Garro HA, Fernández PA, González M, Elizari MV. *J Am Coll Cardiol*. 2014; 63:1929-1931.
182. The Multiple Electrocardiographic Manifestations of Ventricular Repolarization Memory. Chiale PA, Etcheverry D, Pastori JD, Fernández PA, Garro HA, González MD, Elizari MV. *Curr Cardiol Rev* 2014; 10: 190-01.
183. Clinical and Experimental Evidence of Supernormal Excitability and Conduction. Elizari MV, Schmidberg J, Atienza A, Paredes DV, Chiale PA. *Curr Cardiol Rev* 2014; 10: 202-21.
184. Short-term amiodarone therapy after reversion of persistent atrial fibrillation reduces recurrences at 18 months. Galperin J, Elizari M.V, Bonato R, Ledesma R, Blanco M.V, Lago M., Spada P, Sánchez J., Piasentini J, Chiale PA. *Cardiology J* 2014; 21: 397-04.
185. Pause-dependent normalization of ST-segment elevation during the ajmaline test in a patient with Brugada syndrome. Baranchuk A, Sicouri S, Elizari MV, Chiale PA. *Heart Rhythm* 2014; 11: 707-709.
186. In Memoriam: Dr. Pablo A. Chiale. Elizari MV. *Rev. Argent Cardiol* 2014; 82: 549.
187. The mechanisms of spontaneous termination of reentrant supraventricular tachycardias. Chiale PA, Baranchuk A, González MD, Sánchez RA, Garro HA, Fernández PA, Avalos CQ, Enriquez A, Elizari MV. *Int J Cardiol* 2015; 191: 151-8.
188. Pause-dependent normalization of ST-segment elevation during the ajmaline test in a patient with Brugada syndrome. . Baranchuk A, Sicouri S, Elizari MV, Chiale PA. *Heart Rhythm* 2014; 11: 707-709.
189. Accelerated idioventricular rhythm unmasking the brugada electrocardiographic pattern. Elizari MV, Conde D, Baranchuk A, Chiale PA. *Ann Noninvasive Electrocardiol*. 2015 ;20: 91-3.
190. In Memoriam: Pablo A. Chiale, MD. Elizari MV. *Heart Rhythm*. 2015; 12: 1.
191. Fenómeno de fatiga, en una vía accesoria manifiesta, luego de la aplicación de radiofrecuencia. Pellizzon O, Nannini S, González M, Elizari MV. *Rev Federación Argent Cardiología* 2015; 44: 226.
192. Editorial Comment on Dr. Velislav N. Batchvarov's cardionote entitled "Clinical ECG practice should not be confused with theory of electrocardiography". Elizari MV. *Expert Opinion for CardioDebate*, March, 2016.
193. Comentario Editorial invitado por Elsevier Health Sciences sobre el artículo "Randomized Trial of Benznidazole for Chronic Chagas' Cardiomyopathy", Elizari MV. *New England Journal of Medicine*, 2015.
194. Expert cardiologists cannot distinguish between Brugada phenocopy and Brugada syndrome electrocardiogram patterns. Gottschalk B, Anselm D, Brugada J, Brugada P, Wilde A, Chiale PA, Pérez-Riera A, Elizari MV, Bayés de Luna A, Krahn A, Tan HL, Postema PG, Baranchuk A. *Europace* 2016;7: 1095-100.
195. The normal variants in the left bundle branch system. Elizari MV. *J Electrocardiol* 2017; 50(4):389-99.
196. An appraisal about the etiopathogenesis of the so-called idiopathic cardiac arrhythmias. Elizari MV. *EC Cardiology* 2017; 3,4: 143-147.
197. Chronic myocardial infarction: where is it located? Goldwasser D, Elizari MV, Bayés de Luna A. *Circulation* 2017; 136: 966-968.
198. Trigemina de la bigemina ventricular por mecanismo reentrante: reentrada de la reentrada. Pellizon OA, Elizari MV. *Medicina* 2017; 77: 515.
199. Second-degree interatrial block: Brief review and concept. Bayés de Luna A, Baranchuk A, Niño Pulido C, Martínez-Sellés M, Bayés-Genís A, Elosua R, Elizari MV. *Ann Noninv Electrocardiol* 2018; 23(6):e12583.
200. Mauricio B. Rosenbaum and the Argentinian School of Electrocardiography. Elizari MV. *J Electrocardiol*. 2018; 51(2): 346-353.

201. Endocardial approach for substrate ablation in Brugada syndrome: epicardial, endocardia, or transmural substrate? Tauber PE, Mansilla V, Brugada P, Sánchez SS, Honoré, Elizari MV et al. Clin Exp Res Cardiol 2018; 4: 101
202. Cardiac automaticity: basic concepts and clinical observations. Vetulli HM, Elizari MV, Naccarelli GV, González MD. J Interv Card Electrophysiol 2018; 52: 263-70.
203. Fascicular Blocks: Update 2019. Elizari MV. Curr Cardiol Rev Julio 8, 2020. Publicado online. In Press
204. Foreword to the book: Clinical Electrocardiography: A Text Book (Fifth Edition). Antoni Bayés de Luna (ed). Wiley-Blackwell (another Foreword by Pedro Brugada). Elizari MV. 2021, In press.
205. Foreword to the book I Disturbi del Ritmo Cardiaco: meccanismi, diagnosi e terapia delle aritmie. Marcello Constantini (ed). Mc Graw Hill Co, 2021. In press.

CHAPTERS IN BOOKS AS AN AUTHOR OR CO-AUTHOR AND CONTRIBUTIONS

1. "Arritmias". In: "Infarto de Miocardio. Su cuidado Intensivo en la Unidad Coronaria", Eds. Inter Médica, Buenos Aires, 1971, pp. 33-71.
2. "Anatomical Basis of A-V Conduction Disturbances", "Symposium on Cardiac Arrhythmias", Elsinore, Denmark, abril 23-25, 1970. Eds. E. Sandoe, E. Flensted-Jensen, KH Olesen, AB Astra, Sodertalje, Sweden, 1970. pp 147-165;
3. "The Mechanisms of Narrow Ventricular Ectopic Beats". Same book, pp. 223-247
4. "QRS Patterns heralding the Development of Complete Heart Block". Same book. pp 249-269.
5. "Differential Electrocardiographic Manifestations of Hemiblocks, Bilateral Bundle Branch Block and Trifascicular Blocks". In: "Advanced Electrocardiography", Symposium, May 10, 1971, Eds W Hurst, R Schlant, CV Mosby Co. pp. 145-182
6. "The Clinical Causes and Mechanisms of Intraventricular Conduction Disturbances". Same book. pp.183-220.
7. "Five Cases of Intermittent Left Anterior Hemiblock". In Year Book 1971, Eds. Year Book Medical Publishers
8. "The Mechanism of Bidirectional Tachycardia". Same book.
9. "Wenckebach Periods in the Bundle Branches". Same book.
10. "The clinical causes and mechanisms of intraventricular conduction disturbances". Same book. pp 183 220
11. "The Physiologic Basis of Intermittent Bundle Branch Block". In: "Cardiac Arrhythmias" Eds. L.S. Dreifus, W.Likoff, Grune & Stratton, 1973, pp. 349-361.
12. "Left Anterior and Posterior Hemiblocks. Electrocardiographic Manifestations", Monograph "Principles of Cardiac Arrhythmias", E. K. Chung, Mc Graw-Hill Inc., pp 61-66.
13. "Mechanisms of Intermittent Bundle Branch Block and Paroxysmal Atrioventricular Block". Same monograph. pp. 87-92.
14. "Electrocardiograma de Reposo en la Insuficiencia Coronaria. In "Cardiopatía Isquémica", Eds F Batlle, C Bertolasi, Editorial Inter Medica, Buenos Aires, 1974.

15. "Arritmias". Same book.
16. "The Different Varieties of Intermittent Bundle Branch Block". In: "Cardiologia d'Oggi", A. Bereta Anguissola, V. Puddu Eds, C.G. Edizione Medico-Scientifiche, Roma, Italia, 1974.
17. "Electrophysiological Studies on Intraventricular Aberrant Conduction". In: "Recent Advances in Ventricular Conduction". Eds M Cerqueira Gomes, Porto, Portugal, Karger, Basel, Adv. Cardiol Vol 14, pp. 115-124, 1975.
18. "The Role of phase 3 and phase 4 Block in Clinical Electrocardiography". In: "The Conduction System of the Heart. Structure Function and Clinical Implications", HJJ Wellens, KI Lie, MJ Janse (eds). Stenfert KroeseBV, Leiden, Holanda, 1976. pp 126-142
19. "The Experimental Evidence for the Role of Phase 3 and Phase 4 Block in the Genesis of A-V Conduction Disturbances". Same book. pp 360-376.
20. Gli Emiblocchi. Rosenbaum MB, Elizari MV, Lázari JO, Piccin Editore, Padua, Italia, 1976. Full translation to Italian of the 1968 Spanish version.
- 20." Extrasistolia Ventricular. In the Chapter: "Diagnóstico, Tratamiento de los Ritmos Activos Ventriculares". In: "Diagnóstico, Tratamiento de las Arritmias Cardiacas", Eds A. Bayés, J. Cosín. Ediciones Doyma SA, Barcelona, Spain, 1978. pp. 241 255.
21. "Conducción Intraventricular Aberrante de Latidos Supraventri-culares Prematuro"s. Same book. pp 232 235.
22. "Amiodarone: A New Antiarrhythmic Drug with Strong Cumulative Effect". In: "Selected Topics in Cardiac Arrhythmias". Eds Befeler, R Lazzara, B Sherlag. Futura Publishing Co., New York, 1980, pag. 143 150.
23. " Relevance of Phase 3 and Phase 4 block in Clinical Electro-physiology. Same book. pp. 197 217.
24. "El electrograma de Reposo en la Insuficiencia Coronaria". In:"Cardiopatía Isquémica", F Batlle, CA. Bertolassi. Inter Medica, Buenos Aires, 1980. pp. 57-79
25. "Arritmias". Same book. pp 559-613.
- 26 "Amiodarone: A new drug with strong cumulative effect. In: "Selected Topics in Cardiac Arrhythmias", Eds B Befeler, R Lazzara, B Scherlag. Futura Publishing Co. New York 1980.pp 143-150.
27. "Relevance of Phase 3 and Phase 4 block in clinical electrophysiology". Same book. pp 197-217.
28. " Intermittent Intraventricular Block: Pathophysiological Problems". In: "Cardiac Electrophysiology Today", Eds A. Masoni, P. Alboni. Academic Press, London and New York, 1982. pp 523-533.
29. "Heart Rate and Electrotonic Modulation of the T wave". In: "Cardiac Electrophysiology and Arrhythmias" Ed. Zipes D, Jalife J. Grune & Stratton Inc. New York, 1985.pp 885
30. "Electrocardiographic Characteristics and Main Causes of Pseudo Primary T Wave Changes. Significance of Concordant and Dsicordant T Waves in the Human and Other Animal Species". In:Electrocardiography. Past and Future". Eds. Coumel P, Gargein OB. Ann of Un. NY Sc of Sc. Vol. 601: 36, 1990.

31. "Electrofisiología de las Arritmias en la Cardiopatía Isquémica". In: "Capítulos de Cardiología. Cardiopatía Isquémica", Vol. II No. 3. Eds Sociedad Argentina de Cardiología, 1990.
32. "El Diagnóstico Electrocardiográfico en la Enfermedad Arterial Coronaria". In: "Capítulos de Cardiología. Cardiopatía Isquémica", Vol. II No. 4. Eds Sociedad Argentina de Cardiología, 1990.
33. "Heart Rate and Electrotonic Modulation of the T wave: A Singular Relationship". In "Cardiac Electrophysiology and Arrhythmias" Ed. por Zipes DF, Jalife J. Grune & Stratton Inc. 1985. Pag. 485 488.
34. "Modulación Electrotónica de la Repolarización Ventricular, Memoria Cardíaca". In "Fronteras de la Electrofisiología Cardíaca". Eds Rosenbaum MB, Elizari MV. Intermedica, Buenos Aires, 1985, pp. 63.
35. "El Automatismo Ventricular Normal y Anormal en el Corazón Humano". Same book. pp 149.
36. "El Mecanismo de las Arritmias Ventriculares". Same book, pp. 227,
37. "La Recuperación de la Conducción del Impulso en las Ramas del Haz de His del Corazón Humano. Diferentes Variedades de Bloqueo de Rama en Fase 3". Same book. pp 397.
38. "Reevaluación de la Conducción Supernormal". Same book. pp 407.
39. "El mecanismo del Bloqueo Tipo Mobitz II". Same book. pp 443.
40. "Las Diferentes Variedades del Bloqueo de Rama 2:1". Same book. pp 465.
41. "Manifestaciones Electrocardiográficas, Mecanismos de la Conducción Intraventricular Aberrante". Same book. pp 579.
42. "Las Etapas Iniciales del Bloqueo de Rama Crónico". Same book. pp 625.
43. "Propiedades Fisiológicas de las Vías Accesorias". Mismo Libro, Rosenbaum MB. Same book. pp 669.
44. "Excitabilidad, conducción supernormal en la electrocardiografía clínica". In: "Diagnóstico, Tratamiento de las Arritmias Cardíacas. 10 Años de Progreso". Eds. Cosin J, Bayés de Luna A, García Civera R, Cabades A. Doyma, Barcelona, 1988.
45. "Arritmias Ventriculares". In: II Cardiología. Eds. Esper R., Suarez L. Biblioteca de Medicina, Semiología, Patología Clínica. El Ateneo, Buenos Aires.
46. "Electrofisiología Cardíaca". In: "Fisiología Humana". Volume 2. Eds M E Celis, Sil Mar SRL, Córdoba, Argentina, 1997, pp.189-217.
47. "Bases fisiopatológicas de las arritmias cardíacas". Chapter 5. In: "Cardiología 2000". Eds. Carlos Bertolassi, Editorial Panamericana, Buenos Aires, 1997, pp 135 190.
48. "La Electrofisiología Cardíaca Normal". In: "Arritmias Cardíacas. Bases Moleculares, Diagnóstico, Tratamiento". Eds. Elizari MV, Chiale PA et al. Editorial Propulsora, 1998. pp. 17.
49. "Las Bases Celulares de la Propagación Normal, Anormal del Impulso Cardíaco". Same book. pp. 31.

50. "Los Bloqueos Aurículoventriculares. Mecanismos, Significación Clínica". Same book. pp.188.
51. "Arrhythmia Management in Chagas Disease". In: "Chagas Disease". Eds Tentori C, Segura E, Hayes D. Futura Publishing Co. USA, 1999, pp. 95-116.
52. "Arritmias Cardíacas". In: "Cardiología 2000". Bertolasi C ed. Editorial Panamericana, Volume 4, 2000, pp. 3441.
53. "La Biología Molecular de los Canales Iónicos". In: "Arritmias Cardíacas. Fundamentos Celulares, Moleculares, Diagnóstico y Tratamiento". 2nd ed. Elizari MV, Chiale PA (eds), Editorial Panamericana, Buenos Aires, 2003. pp. 31.
54. "La Electrofisiología Normal del Corazón". Same book. pp 41-52.
55. "Las Bases Celulares e Iónicas de la Propagación Normal, Anormal del Impulso Cardíaco". Same book. pp. 53-80.
56. "Los Bloqueos Aurículoventriculares. Mecanismos, Significación Clínica". Same book. pp. 305-328.
57. "Las Arritmias Cardíacas en la Enfermedad de Chagas". Same book. pp. 797-808.
58. "Guías para el Manejo de la Hipertensión Arterial". In: "Hipertensión Arterial", ed Romero Villanueva H, Domine EM, Editorial Roemmers, Buenos Aires, 2008, pp 191-195.
59. "Estratificación del Riesgo Arrítmico en la Insuficiencia Cardíaca". In: "Insuficiencia Cardíaca". (eds) Romero Villanueva H, Vidal L, Salzberg S, Hishon Prado A, Domine E. Azcune Hnos, Buenos Aires, 2008.
60. Foreword to the book: "Fibrilación Auricular en la Práctica Clínica". Handbook, 2010, Buenos Aires
61. Foreword to the Chapter "Anatomía del Sistema de Conducción" In: "El ABC del Corazón", Abuin G, Cichero F, Barceló A. Ed Tres Ediciones, 2010.
62. "La Anatomía y la Fisiología del Sistema de Conducción Cardíaco. El Sistema Venoso Coronario". In: "Terapéutica Electromecánica de la Insuficiencia Cardíaca". Pastori JD, Chiale PA (Eds), 2014.
63. "Indicaciones, Resultados de la Terapia de Resincronización Cardíaca. Same book. pp 129-144.
64. "El Valor del Electrocardiograma para la Indicación de la Terapia de Resincronización Cardíaca, la Predicción de sus Resultados". Same book. pp 144-155.
65. "El Sistema Nervioso Autónomo, su Importancia en la Génesis de las Arritmias Cardíacas". In: "Neurocardiología: Aspectos Fisiopatológicos e Implicaciones Clínicas". Gelpi RJ, Buchholz B (eds). Elsevier, Spain, 2018.
66. Bloqueos de Rama, Bloqueos Fasciculares. Texto de Cardiología SIAC (Sociedad Interamericana de Cardiología) 2018.
67. Desde la Observación de un Electrocardiograma a la Concepción de la Trifascicularidad del Sistema de Conducción cardíaco". De los Santos AR (ed), (to be published).
68. Foreword to the book: Clinical Electrocardiography: A Textbook, 5th Edition. Bayés de Luna A, Fiol-Sala M, Bayés-Genís A, Baranchuk A. Wiley Blackwell (eds). En prensa, 2021.

69. Foreword to the book: Arritmias Cardíacas y Electrofisiología Clínica, de la Teoría a la Práctica. Pellizón O, González M. En prensa, 2021.

70. Foreword to the book: Dispositivos Eléctricos Implantables. Julio D. Pastori y col. Sociedad Argentina de Electrofisiología Cardíaca. En prensa, 2021.

BOOKS

1. Los Hemibloqueos. Rosenbaum MB, Elizari MV, Lázari JO. Editorial Paidós, Buenos Aires, 1968. 731 pages, 450 figures. 1967 Rafael Bullrich Award, Argentina, National Academy of Medicine.
2. Gli Emiblocchi. Rosenbaum MB, Elizari MV, Lázari JO, Salerno A, Casari A (eds). Piccin-Nuova Libreria, 1976 - 668 pages
3. The Hemiblocks. New Concepts of Intraventricular Conduction Based on Human Anatomical, Physiological and Clinical Studies. Rosenbaum MB, Elizari MV, Lázari JO. Tampa Tracings, Oldsmar, Florida, EEUU, 1970 (269 pages, 100 figures). Introduction by Richard Langendorf, Alfred Pick. Foreword by Hans H. Hecht.
3. Frontiers of Cardiac Electrophysiology (multiauthor book). Rosenbaum MB, Elizari MV. Martinus Nijhoff, The Hague, 1983, 800 pages, 500 illustrations.
4. Fronteras de la Electrofisiología Cardíaca. Spanish Version. Editorial Intermedica, Buenos Aires, 1985.
5. Arritmias Cardíacas. Bases Celulares, Moleculares, Diagnóstico, Tratamiento. Elizari MV, Chiale PA (eds) 532 pages, 432 illustrations (multiauthor book). Propulsora Literaria, Buenos Aires, 1998.
6. Arritmias Cardíacas. Bases Celulares, Moleculares, Diagnóstico, Tratamiento. 2nd edition. Elizari MV, Chiale PA (eds), Editorial Panamericana, Buenos Aires, 2003.

OTHER ACADEMIC, SCIENTIFIC AND TEACHING BACKGROUND

From his graduation to this day, he has participated as a full member, guest panelist, coordinator and president of scientific sessions in 202 national and international congresses, symposia and workshops. Invited lecturer in Argentina, Latin America, USA, Europe and South Africa in sessions of congresses, symposia, courses, scientific societies and academic institutions.

Director and Coordinator of more than 40 courses on electrocardiography, cardiac electrophysiology and arrhythmias in Argentina and abroad (Chile, Peru, Venezuela, Dominican Republic and the USA).

Author and co-author of 430 scientific works presented in congresses, symposia and workshops as free communications and published as abstracts.

In the teaching field, Dr. Elizari has focused on training cardiologists and researchers working as residency trainees and Scholars by running attendance-based courses and organizing seminars and lectures at the Ramos Mejía Hospital (a Public Health Hospital of Buenos Aires). As a Head of Unit in the Division of Cardiology in 1984 and then Chief, Division of Cardiology until retirement, he trained a permanent staff of 12 residents and at least 6 scholars yearly to achieve a high level of technical and professional competence and instilled them in humanistic behaviours in patients' health care. All the residents pursue a post-doctoral career of Specialists in Cardiology at the University of Buenos Aires for two years. In order to graduate as a university cardiologist they have to produce a research work to be presented in a Congress of Cardiology and write a monograph. From 1987 to 2012, Dr. Elizari tutored these research works and monographs. He has directed 7 doctoral theses, 2 degree courses and more than 100 scholarships and has been member

of the jury of 12 doctoral theses and 8 degree courses and of 30 scientific awards for the National Academy of Medicine of Buenos Aires. He has also acted as a member of the jury for the appointment of university lecturers, members of the National Academy of Medicina and hospital directors and chiefs of divisions.

Main Investigator of 21 international research trials funded by companies or government institutions.