Emergency Physician Expert Witness

ADDRESS: 13319 Poway Road #179 Poway, CA 92064



Highlights	 Board Certified in Emergency Medicine Extensive experience as a medical expert witness Acclaimed International public speaker emergency medicine, advanced resuscitation, shock, cardiac arrest, and heart-lung bypass (ECMO), hospital administration Chief-of-Staff Elect at Sharp Memorial Hospital (San Diego, CA) Immediate Past Chief of the Department of Emergency Medicine Chairman of the Sharp Healthcare Foundation Board of Directors Author of numerous textbook chapters and peer-reviewed journal articles Founded the first World's first Emergency Department ECMO Program Producer/Host/Co-Founder: the <u>REANIMATE Conference</u>
Current Positions	Emergency Physician (2003-present) Sharp Metropolitan Medical Campus San Diego, California Chief-of-Staff Elect, Sharp Memorial Hospital (January 2022-present) Sharp Metropolitan Medical Campus San Diego, California Medical Staff Officer, Sharp Memorial Hospital (January 2020-present) Sharp Metropolitan Medical Campus
	San Diego, California Chairman, Sharp Healthcare Foundation Board of Directors (October 2021-present) Sharp Healthcare Foundation San Diego, California Board Member, Sharp Healthcare Board of Directors (October 2021-present)

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Sharp Healthcare
San Diego, California

Board Member, Sharp Healthcare Information Technology Board of Directors

(January 2022-present) Sharp Healthcare San Diego, California

Board Member, Sharp Healthcare Quality and Patient Safety Board of Directors

(January 2022-present) Sharp Healthcare San Diego, California

Board Member, Medical Executive Committee

(January 2016-present) Sharp Metropolitan Medical Campus San Diego, California

Producer/Host/Co-Founder: The REANIMATE Conference

(2014-present) www.reanimateconference.com

• Co-developer, co-producer, and co-host of the endovascular resuscitation conference REANIMATE: <u>www.reanimateconference.com</u>, a resource dedicated to teaching physicians and nurses cutting-edge hyper-invasive care of critically ill patients.

Emergency Department ECMO Co-Director

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(2010-present)
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Department of Emergency Medicine, Sharp Memorial Hospital

• Established the first Emergency Department ECMO program in the Western Hemisphere and was the first Emergency Physician in history to successfully use resuscitative ECMO to save a patient's life (July 28, 2010)

Member, Emergency Medicine Supervisory Committee

(October 2010-present) Sharp Memorial Hospital

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Medical Board	Diplomate, American Board of Emergency Medicine
Certification	(2003-present)
Professional	American College of Emergency Physicians (ACEP)
Memberships	(2021-present)
Previous Positions	 Secretary/Treasurer, Sharp Memorial Hospital Medical Staff (January 2020-January 2022) served as the Secretary/Treasurer of our hospital Medical Staff until elected Chief- of-Staff Elect beginning January 1, 2022 Podcast/Blog Co-Host: The EDECMO Podcast (2014-2021) Co-hosted the podcast/blog/educational website teaching advanced resuscitation techniques, including extracorporeal cardiopulmonary resuscitation. www.edecmo.org Co-Founder, 2Vital2Die 501(c)3 Foundation (2019-2021) Co-owned and co-founded the 501(c)3 healthcare Foundation 2Vital2Die, a Foundation dedicated to raising revenue to support the San Diego Emergency Medical Services community with tools necessary to assist resuscitation and transport of patients who suffer out-of-hospital cardiac arrest. This Foundation was closed in 2021 after its mission was met. Chief, Department of Emergency Medicine (January 2016-2020) Elected Chief of the Department of Emergency Medicine in 2016 & served 4 years in that role until elected Secretary/Treasurer of the Medical Staff at Sharp
	Memorial Hospital on January 1, 2020. Ultrasound Director, Department of Emergency Medicine (2006-2012) Sharp Memorial Hospital Owner and Operator, Bill's Dive Locker

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	(2001-2002) Oahu, Hawaii • <i>DIVEMASTER :SCUBA training, instruction, and guided tours</i> Emergency Physician (2001-2002) Emergency Physician St. Francis Hospital Honolulu, Hawaii Emergency Physician (1999-2001) Emergency Physician
	Kaiser Permanente Hospital San Diego, California
State Medical Licenses	California State Medical License Number: A067932 (10/31/2002-present) Hawaii State Medical License Number: MD-11566 (06/01/2001-05/31/2003)
Education	Residency in Emergency Medicine (7/1/1998 - 6/30/2001) Department of Emergency Medicine University of California, San Diego Internship in General Surgery (7/1/1997 – 6/30/1998) Department of Surgery University of California, San Diego Medical Doctor (M.D.) (8/17/1992 - 6/6/1997)
	St. Louis University School of Medicine

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	Bachelor's Degree (1991) Loyola Marymount University
Awards & Recognitions	M.D. with Distinction in Research (1997)
	Howard Hughes Medical Institute Student Research Fellow (1996)
	Full Scholarship - Varsity Baseball (1989-1991)
	Loyola Marymount University Los Angeles, California
	Full Scholarship - Varsity Baseball (1986-1991) University of Nevada, Las Vegas
	Las Vegas, Nevada
	Drafted by the Houston Astros in the MLB June Amateur Baseball Draft (1986)
Professional Certifications	Board Certified, Emergency Medicine (2003-present)
	Advanced Cardiac Life Support (ACLS) (1997-present)
	Advanced Trauma Life Support (ATLS) (1997-present)
Conferences Hosted	REANIMATE 8 (September 7-8, 2022)

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www.reanimateconference.com
Paradise Point Resort
San Diego, California
REANIMATE Intensive: Sharp Healthcare ECPR Conference
(March 9, 2022)
REANIMATE Labs
Alpine, California
2021 Sharp Memorial Hospital ECMO Training Conference
(March 8, 2021)
REANIMATE Labs
Alpine California
REANIMATE 7
UCSD Center for the Future of Surgery (September 17-18, 2019)
REANIMATE 6
UCSD Center for the Future of Surgery (February 1-2, 2019)
2018 New Mexico Presbyterian ECMO Training Conference
(November 9, 2018)
REANIMATE 5
UCSD Center for the Future of Surgery (March 7-8, 2018)
REANIMATE 4
UCSD Center for the Future of Surgery (September 21-22, 2017)
REANIMATE 3
UCSD Center for the Future of Surgery (March 2-3, 2017)
REANIMATE 2 UCSD Center for the Future of Surgery (September 8-9 2016)
Cost center for the ruture of Surgery (September 6-3 2010)
REANIMATE 1

www.joebellezzo.com

UCSD Center for the Future of Surgery (February 2-3 2016)

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Live Presentations	Bellezzo J. <i>ECMO in the Emergency Department.</i> HR2022 Conference. Montreal.
	Bellezzo J. <i>Why ECPR & the Three Stages of ECMO</i> . 2022 REANIMATE INTENSIVE Sharp Healthcare ECMO Training Conference (2022)
	Bellezzo J. <i>ECPR Al Fresco.</i> 2022 REANIMATE INTENSIVE Sharp Healthcare ECMO Training Conference (2022)
	Bellezzo J. <i>The Three Stages of ECMO</i> . 2021 Sharp Memorial Hospital ECMO Training Conference (2021)
	Bellezzo, J. <i>Extracorporeal Cardiopulmonary Resuscitation</i> . The Cooper Conference (2021)
	Bellezzo, J. <i>Resuscitative ECMO: A Bridge to Life.</i> Sharp Healthcare CME Presentation (2021)
	Bellezzo, J . <i>Extracorporeal Membrane Oxygenation</i> American Association of Critical Care Nurses CME Lecture (October 17, 2020)
	Bellezzo, J. Extracorporeal Cardiopulmonary Resuscitation in the Emergency Department
	Kaiser Permanente Emergency Department Grand Rounds (September 22, 2020)
	Bellezzo, J. <i>ECMO for Dying Patients</i> Tijuana International Resuscitation Conference (June 6, 2019)
	Bellezzo, J. <i>Transvenous Pacemakers 201: Stop Being so Oversensitive!</i> Essentials of Emergency Medicine 2017 The Chelsea Theatre at the Cosmopolitan Hotel
	Las Vegas, Nevada
	Bellezzo, J. Using D-Dimer in the Real World Essentials of Emergency Medicine 2017 The Chelsea Theatre at the Cosmopolitan Hotel

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Las Vegas, Nevada
Bellezzo, J. Vascular Access Tips and Tricks in the Anticoagulated Patient Essentials of Emergency Medicine 2017 The Chelsea Theatre at the Cosmopolitan Hotel Las Vegas, Nevada
Bellezzo, J. ECPR: Where We Were, Where We Are Now Essentials of Emergency Medicine 2017 The Chelsea Theatre at the Cosmopolitan Hotel Las Vegas, Nevada
Bellezzo, J. <i>Cardiopulmonary Bypass in the Emergency Department</i> Getinge CME Conference (January 7, 2017)
Bellezzo, J. Overdrive: Torsades de Pointe Essentials of Emergency Medicine 2015 The Chelsea Theatre at the Cosmopolitan Hotel Las Vegas, Nevada
Bellezzo, J. Orthodromic/Antidromic Supraventricular Tachycardia Essentials of Emergency Medicine 2015 The Chelsea Theatre at the Cosmopolitan Hotel Las Vegas, Nevada
Bellezzo, J. <i>Transvenous Pacemakers</i> Essentials of Emergency Medicine 2015 The Chelsea Theatre at the Cosmopolitan Hotel Las Vegas, Nevada
Bellezzo, J . Cutting Edge Resuscitation in the Community ED. Social Media and Critical Care (SMACC) Chicago 2015 <u>https://smacc.net.au/2015/12/cutting-edge-resuscitation-in-the-community-ed-by-bellezzo/</u> Chicago, Illinois
Chris Ho vs. Joe Bellezzo. ECPR is a Step Too Far

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	Social Media and Critical Care (SMACC) Chicago 2015 https://smacc.net.au/2016/02/chris-ho-vs-joe-bellezzo-ecpr-is-a-step-too-far/ Chicago, Illinois
	Bellezzo, J. ECPR in the Emergency Department Bring Me Back to Life 2014 Montreal, Quebec Bellezzo, J. Advanced Resuscitation Bring Me Back to Life 2014 Montreal, Quebec
	Bellezzo, J. <i>ECMO in the ED: The Time is NOW!</i> Essentials of Emergency Medicine 2014 San Francisco Marriott Marquis Ballroom San Francisco, California
	Bellezzo, J. <i>Not Your Mama's ACLS</i> Essentials of Emergency Medicine 2014 San Francisco Marriott Marquis Ballroom San Francisco, California
	Bellezzo, J. <i>Cardiopulmonary Bypass in the Emergency Department</i> San Diego Resuscitation Conference (May 23, 2011)
Book Chapters Authored	 Bellezzo, J (Sept 9, 2021). <i>Running an ECPR Code</i>. In Badulak (Ed.), ECPR and Resuscitative ECMO. P 73-88. Bellezzo, J (2017). <i>Extracorporeal Membrane Oxygenation</i>. In M. Winters (Ed.), Emergency Department Resuscitation of the Critically Ill (2nd ed., pp 87-94). Dallas, TX: American College of Emergency Physicians.
	 Bellezzo JM, (2014) <i>Emergency Department ECPR</i>. Roberts and Hedges (6th Ed). Philadelphia, PN. Elsevier, Inc.

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	4. Bellezzo JM , Shinar Z. (March 20102) <i>Extracorporeal cardiopulmonary</i> <i>resuscitation in the emergency department.</i> Evidence-Based Medicine Special Report; <u>ebmedicine.net</u> .
Journal Articles Authored (Peer Review)	 Swol J, Brodie D, Willers A, Zakhary B, Bellezzo J, Shinar Z, Weingart S, Haft J, Lorusso R, Peek G. Human Factors in ECLS – a keystone for safety and quality – a narrative review for ECLS providers. Artificial Organs. 2021 Nov;
	 <u>Emergency Physician-Initiated Resuscitative Extracorporeal Membrane</u> <u>Oxygenation.</u> Zachary Shinar, Lee Plantmason, Joshua C. Reynolds, Walter P. Dembitsky, Joseph Bellezzo, ChristopheJournal of Emergency Medicine 2019 Jun 1 https://pubmed.ncbi.nlm.nih.gov/31031069/
	 Extracorporeal life support in the emergency department: A narrative review for the emergency physician. Justyna Swol, Jan Belohlavek, Daniel Brodie, Joseph Bellezzo, Scott D. Weingart, Zachary Shinar, AndResuscitation 2018 Dec 1 https://pubmed.ncbi.nlm.nih.gov/30336233/
	 Early ECPR for out-of-hospital cardiac arrest: Best practice in 2018. Hutin A, Abu-Habsa M, Burns B, Bernard S, Bellezzo J, Shinar Z, Torres EC, Gueugniaud PY, Carli P, LResuscitation 2018-05-05 https://pubmed.ncbi.nlm.nih.gov/29738799/
	 Burns B, Reid C, Scott R, Bernard S, Lamhaut L, Bellezzo J, et cal. Authors' response: Extracorporeal cardiopulmonary resuscitation probably good, but adoption should not be too fast and furious! Emerg Med J. 2017 Aug;34(8):557. doi: 10.1136/emermed-2017-206801. Epub 2017 Jun 1
	 <u>Chest compressions may be safe in arresting patients with left ventricular</u> <u>assist devices (LVADs).</u> Zachary Shinar, Joseph Bellezzo, Marcia Stahovich, Sheldon Cheskes, Suzanne Chillcott, Walter P. DemResuscitation 2014 May 1 https://pubmed.ncbi.nlm.nih.gov/24472494/
	 Emergency department initiation of cardiopulmonary bypass: a case report and review of the literature Shinar Z, Bellezzo J, Paradis N, Dembitsky W, Jaski B, Mallon W, Watt T J

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Emerg Med. 2012 Jul;43(1):83-6. doi: 10.1016/j.jemermed.2011.06.134. Epub 2012 Feb 9
12. <u>Emergency physician-initiated extracorporeal cardiopulmonary resuscitation</u> Joseph Bellezzo, Zack Shinar, Daniel P. Davis, Brian E. Jaski, Suzanne Chillcott, Marcia Stahovich,Resuscitation 2012 Aug 1 https://www.resuscitationjournal.com/article/S0300-9572(12)00045-7/fulltext
13. What size chest tube for this pneumothorax Joseph M Bellezzo, Steve KarasJournal of Emergency Medicine 2002 Jan 1 https://pubmed.ncbi.nlm.nih.gov/11809565/
https://publicu.incbi.inin.inin.gov/1100/303/
14. Coma and respiratory depression following the ingestion of GHB and its precursors: three cases.
Marianne Ingels, Cyrus Rangan, Joseph M Bellezzo , Richard F. ClarkJournal of Emergency Medicine 2000 Jul https://pubmed.ncbi.nlm.nih.gov/10863118/
 Modulation of lipopolysaccharide-mediated activation in rat Kupffer cells by antioxidants Joseph M. Bellezzo, Karen A. Leingang, Gary A. Bulla, Robert S. Britton, Bruce R. Bacon, Eben S. FoxJournal of Laboratory and Clinical Medicine 1998 Jan 1. https://pubmed.ncbi.nlm.nih.gov/9452125/
16. N-acetylcysteine and alpha-tocopherol reverse the inflammatory response in activated rat Kupffer cells. Fox, E. S., Brower, J. S., Bellezzo, J. M., Leingang, K. AJ Immunol 1997 Jun 1 https://pubmed.ncbi.nlm.nih.gov/9164963/
17. Fibronectin and cytokines increase JNK, ERK, AP-1 activity, and transin gene expression in rat hepatic stellate cells John E. Poulos, Jason D. Weber, Joseph M. Bellezzo, Adrian M. Di Bisceglie, Robert S. Britton, BruceAmerican Journal of Physiology- gastrointestinal and Liver Physiology 1997 Oct 1 https://pubmed.ncbi.nlm.nih.gov/9357821/
 <u>LPS-mediated NF-kappa beta activation in rat Kupffer cells can be induced</u> <u>independently of CD14</u> Joseph M. Bellezzo, Robert S. Britton, Bruce R. Bacon, Eben S. FoxAmerican Journal of Physiology-gastrointestinal and Liver Physiology

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 Thiol regulation of endotoxin-induced release of tumour necrosis factor alpha from isolated rat Kupffer cells. Brent A. Neuschwander-Tetri, Joseph M. Bellezzo, Robert S. Britton, Bruce R. Bacon, Eben S. Fox...Biochemical Journal 1996 Dec 15 https://pubmed.ncbi.nlm.nih.gov/9003392/