

## Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Stone GW, Witzenbichler B, Guagliumi G, et al. Bivalirudin during primary PCI in acute myocardial infarction. *N Engl J Med* 2008;358:2218-30.

*Participating countries (with total enrollment), hospitals and principal investigators:*

**Argentina** (total enrollment = 207): Fundación Favalaro, Capital Federal, Buenos Aires, Oscar A Mendiz; Hospital Alemán, Buenos Aires, Jose Amadeo Alvarez; Hospital Britanico, Buenos Aires, Jose Alvarez; Hospital Espanol de La Plata, La Plata, Buenos Aires, Diego David Grinfeld; Hospital Gral. de Agudos Dr. Cosme Argerich, Capital Federal, Buenos Aires, Miguel Angel Riccitelli; Hospital Italiano de Buenos Aires, Capital Federal, Buenos Aires, Daniel Berrocal; Instituto Cardiovascular de Buenos Aires, Capital Federal, Buenos Aires, Jorge Belardi; Instituto Cardiovascular de Rosario, Rosario, Santa Fe, Anibal Agustin Damonte; Sanatorio Argentino de la Plata, La plata, Buenos Aires, Guillermo Cugat; Sanatorio Otamendi, Buenos Aires, A. Rodriguez; Sanatorio Modelo Quilmes, Quilmes, Buenos Aires, Ernesto M. Torresani; Sanatorio Allende, Cordoba, Hugo F. Londero; **Austria** (total enrollment = 143): AKH Wien, Vienna, Dietmar Glogar; Wilhelminen Hospital, Vienna, Kurt Huber; Hanusch-Krankenhaus, Vienna, George Gaul; St. Johannis-Spital, Landeslinik fur Innere Medizin II und Kardiologie, Salzburg, Johann Altenberger; Universitätsklinik für Innere Medizin II, Innsbruck, Othmar Pachinger; **Germany** (total enrollment = 791): Asklepios Klinik Langer, Langen, Hans-Georg Olbrich; Charité Campus Benjamin Franklin, Berlin, Bernhard Witzenbichler; Charite/CVK, Berlin, Martin Moeckel; Charité Universitätsmedizin Campus Mitte, Berlin, Wolfgang Rutsch; Heart Center Siegburg, Siegburg, Eberhard Grube; Herzzentrum Segeberger Kliniken GmbH, Bad Segeberg, Gert Richardt; Klinik Innere Medizin I Friedrich-Schiller-University Jena, Jena, Klaus Pethig; Klinikum Dachau d. Amperkliniken AG Kardiologie, Dachau, Martin Desaga; Klinikum Darmstadt Medizinisch Klinik I, Darmstadt, Gerald Werner; Klinikum Coburg, Coburg, Johannes Brachmann; Universitätsklinikum Heidelberg / Kardiologie, Heidelberg, Helmut Kuecherer; University Hospital Aachen, Aachen, Rainer Hoffmann; Universitätsklinikum Schleswig-Holstein, Lübeck, Franz Hartmann; University Hospital Eppendorf Department of Cardiology, Hamburg, Stefan Willems; University of Ulm Head Interventional Cardiology Leiter Forschungsgruppe Interventionelle, Ulm, Jochen Wöhrle;

Silesian Medical Academy, Munich, Adnan Kastrati; **Israel** (total enrollment = 526): Assaf Harofe Medical Center Catheterization Laboratory, Cardiology Department, Zrifin, Ricardo Krakover; Bnei Zion Medical Center, Haifa, Uri Rosenschein; Carmel Medical Center, Haifa, Basil S. Lewis; Hadassah Hebrew University Medical Center-Jerusalem, Jerusalem, Morris Mosseri; Rabin Medical Center-Belinson Campus, Ran Petach-Tikva Kornowski; Rambam Medical Center-Department of Radiology, Haifa, Luis Gruberg; Shaare Zedek Medical Center-Jerusalem, Jerusalem, Yaron Almagor; Sheba Medical Center-Tel-Hashomer Heart Institute, Ramat-Gan, Victor Guetta; Sourasky Medical Center-Tel Aviv Head Dept of Cardiology, Tel Aviv, Ariel Finkelstein; Wolfson Holon, Holon, Yoseph Rozenman; **Italy** (total enrollment = 219): Ospedali Riuniti di Bergamo, Bergamo, Giulio Guagliumi; Ospedale San Raffaele Milano U.O di Emodinamica e di Cardiologia Interventistica, Milan, Antonio Colombo; **Netherlands** (total enrollment = 133): Catharina Hospital Dept. R&D, Eindhoven, Hans Bonnier; Hospital De Weezenlanden, Zwolle, Harry Suryapranata; Medisch Centrum Rijnmond-Zuid, Rotterdam, Peter Smits; **Norway** (total enrollment = 79): Haukeland University Hospital, Department of Heart Disease, Bergen, Jan Erik Nordrehaug; Stavanger University Hospital, Rogaland, Dennis Nilsen; **Poland** (total enrollment = 582): Institute of Cardiology - Haemodynamics Dept, Warsawa, Witold Ruzyllo, Adam Witkowski; Jagiellonian University, Krakow, Dariusz Dudek; Medical University of Gdask, Gdask, Andrzej Rynkiewicz; Silesian Center for Heart Disease, Lodz, Jan Z Peruga; Silesian Medical Academy, Katowice, Andrzej Ochala; Szpital Jana Pawla II - Dept. of Hemo and Angio, Krakow, Krzysztof Zmudka; Klinika Kardiologii Inwazyjnej CSK MSWiA, Warsaw, Robert Gil; **Spain** (total enrollment = 6): Hospital General Universitario de Alicante, Alicante, Pascual Bordes; **United Kingdom** (total enrollment = 102): John Radcliffe Hospital, Oxford, Adrian Banning; Leeds Teaching Hospital NHS Trust, Leeds, Daniel Blackman; Manchester Heart Center, Manchester, Magdi El-Omar; Royal Sussex County Hospital, Brighton, East Sussex, Adam De Belder; Northern General Hospital, Sheffield, Ever Grech; Wythenshawe Hospital, Manchester, Bernard Prendergast; **United States** (total

enrollment = 814): Alexian Brothers Medical Center, Elk Grove Village, IL, Sarah Johnson; Anderson Area Medical Center, Anderson SC, Brent McLaurin; Bakersfield Memorial Hospital, Bakersfield, CA, Tommy, Lee; Beth Israel Deaconess Medical; Cardiovascular Division, Boston, MA, Duane S Pinto; Bethesda North Hospital, Montgomery, OH, Joe Choo; Brotman Medical Center, Culver City, CA, Ronald Karlsberg; Cannon Cardiac & Vascular Research Ctr. of Northern Michigan, Petoskey, MI, Louis A. Cannon; Cardiovascular Medicine Associates, Middleburg Heights, OH, Trilok Sharma; Christiana Care Health Services, Newark, DE, James Ritter; Columbia University, New York, NY, Leroy Rabbani; Deaconess Medical Center, Spokane, WA, Pierre P. Leimgruber; Doctors Hospital at Renaissance, Edinburg, TX, Ofsman Quintana; Doylestown Hospital, Doylestown, PA, Joseph McGarvey, Jr; El Paso Heart Clinic, El Paso, TX, Oscar Aguilar; Emory University School of Medicine Emory Crawford, Atlanta, GA, Henry Liberman; Geisinger Medical Center, Danville, PA, Jim Blankenship; Good Samaritan Hospital, Cincinnati, OH, Ali Razavi; Harrisburg Hospital/Pinnacle Health, Harrisburg, PA, Rajesh Dave; Heart Care Midwest/St. Francis Medical Center, Peoria, IL, John Rashid; Heart Care Research Foundation, Merrionette Park, IL, Joseph F. Stella; Innovis Health, South Fargo, ND, Edmund Finkinski; Jersey Shore University Medical Center, Neptune, NJ, Matthew Bach; LeBauer CV Research Foundation/Moses Cone Hospital, Greensboro, NC, Bruce Brodie; Maine Medical Center, Portland, ME, Mirle A. Kellett, Jr.; McAllen Heart Hospital, McAllen, TX, Ofsman Quintana; MedStar Research Institute, Cardiovascular Research, Washington, D.C. Ron Waksman; Mid Carolina Cardiology/Presbyterian Hospital, Charlotte, NC, Robert Iwaoka; Mid Ohio Heart Clinic, Inc., Mansfield, OH, Gregory M. Eaton; Northwest Indiana Cardiovascular Physicians, Valparaiso, IN, Keith Atassi; NYU Medical Center, New York, NY, Michael Attubato; Oklahoma Heart Institute, Tulsa, OK, Raj Chandwaney; Providence Heart and Vascular Institute, Portland, OR, Bradley Evans; Providence Memorial Hospital, El Paso, TX, Oscar Aguilar; Research Associates of Jackson, Jackson, TN, Henry Lui; Scottsdale Healthcare – Osborn, Scottsdale, AZ, David Rizik; Scottsdale Healthcare-Shea, Scottsdale, AZ, David Rizik;

Sentara Virginia Beach General Hospital, Virginia Beach, VA, John Griffin; Somerset Medical Center, Bridgewater, NJ, Jason O. Hall; South Carolina Heart Center, Columbia, SC, Michael C. Foster; Sparks Regional Medical Center, Fort Smith, AR, Jorge A. Hernandez; St. James Hospital & Health Centers Chicago Heights, Chicago Heights, IL, Noel Camba; St. John Hospital, Detroit, MI, Thomas LaLonde; St. Josephs Regional Medical Center, Paterson, NJ, Mahesh, Bikkina; St. Luke's Hospital MAHI, Kansas City, MO, Barry Rutherford; Suncoast Cardiovascular Research, Saint Petersburg, FL, Vibhuti Singh; Tennessee Cardiovascular Research Institute, Nashville, TN, John McPherson; The Cardiovascular Specialists/Cape Cod Hospital, Hyannis, MA, Richard B. Zelman; The Care Group Hospital: The Heart Center of Indiana Clinical Laboratory / St. Vincent's Hospital, Indianapolis, Indiana, James B. Hermiller; The Charlton Memorial Hospital, Fall River, MA, Kenneth S. Korr; The Heart Center/Cardiovascular Associates, P.C., Kingsport, TN, Christopher Metzger; The Miriam Hospital, Providence, RI, Paul Gordon; The Valley Hospital, Ridgewood, NJ, Cary Hirsch; The Western Pennsylvania Hospital, Pittsburgh, PA, Venkatraman Srinivasan; Valley Baptist Medical Center, Brownsville, TX, Kalim Habet; Washington Adventist Hospital, Takoma Park, MD, Mark A. Turco; Watson Clinic Center for Research Inc., Lakeland, FL, Douglas Ebersole; William Beaumont Hospital, Royal Oak, MI, Cindy L. Grines.