

Supplemental Table 1. MaRISS participating hospitals, site principal investigator and principal coordinator.

Recruiting site (enrolled participants)	Site principal investigator	Principal coordinator
Rhode Island Hospital, Providence, RI (160)	Brian Mac Grory	Scott Moody
Ohio State University Wexner Medical Center, Columbus OH (79)	Deepak Gulati	Weiping Ye
Kaiser Permanente/Los Angeles Medical Center, Los Angeles, CA (71)	Navdeep S. Sangha	Vena Sobhawongse
Mercy Hospital, Oklahoma City, OK (69)	Jeffrey M. Craig	Heloisa Pearson
St. Luke's Hospital, Kansas City, MO (62)	Karin E. Olds	Deborah Summers
University of Rochester Medical Center, Rochester, NY (55)	Curtis G. Benesch, Adam Kelly	Christine Boerman
Faxton St. Luke's Healthcare, Utica, NY (52)	Scott S. Brehaut	Christy Rice
Providence St. Vincent Medical Center, Portland, OR (50)	Amit C. Kansara	Robin Kintner
Methodist Hospital-Merrillville, Merrillville, IN (49)	Mayumi Oka	Sarah Baran
Novant/Forsyth, Winston-Salem, NC (48)	Christina Roels	Maureen Dosunmu
Queen's Medical Center, Honolulu, HI (45)	Cherylee W. J. Chang, Jennifer Moran	Denise Ditrich
Conemaugh Memorial Medical Center, Johnstown, PA (44)	Nicholas Lanciano	Aimee Mann
UPMC Hamot, Erie, PA (42)	Charles E. Romero	Becky Thiele
Dignity Chandler Regional, Chandler, AZ (40)	David Salvatore	Annette Taylor
Greenville Memorial Hospital, Greenville, SC (38)	Neel Shah, Rodney Leacock, Angel Rochester	Fanny Guillerminet
Carolinas Healthcare, Charlotte, NC (37)	Jerry C. Martin	Johnny Jones, Nicol Brandon
Legacy Emanuel Medical Center, Portland, OR (37)	Vikas Grover	Maryika Gibson
Saint Anthony's Medical Center, St. Louis, MO (35)	Maheen Malik	Carol Mechem
Mercy at St Louis, St. Louis, MO (34)	William R. Logan	Camilla Cook
Spectrum Health, Grand Rapids, MI (31)	Muhib A Khan	Christa Rood
Mercy Hospital at Buffalo, Buffalo, NY (31)	Arun Babu	Leah Steinig
St Vincent, Erie, PA (31)	Jestin Carlson	Melanie Henderson
Ochsner New Orleans, New Orleans, LA (31)	Gabriel Vidal	Bethany Jennings
Cox Health, Springfield, MO (30)	Jennifer Lynch	Jessica Ratcliff
Montefiore Medical Center-Bronx, Bronx, NY (30)	Kathryn Kirchoff	Khadean Moncrieffe
Baylor Scott & White-Temple Hospital, Temple, TX (30)	Jennifer Rasmussen-Winkler	Leigh Allen
Riverside Univ Health System Med Center, Moreno Valley, CA (30)	Gary Thompson	Christopher Firek
Hackensack/Jersey Shore University Medical Center, Neptune, NJ (29)	Stephen Martino	Baher Georgy
Eastern Maine Medical Center, Bangor, ME (29)	Gillian L. Gordon-Perue	Nina Vekima
Houston Methodist Willowbrook, Houston, TX (29)	Kasey Gildersleeve	Marian Skewes
Kaiser Permanente Downey, Downey, CA (28)	Navdeep S Sangha	Christina Valdovinos
Hospital of Central Connecticut, Hartford, CT (26)	Timothy C. Parsons	Cynthia Marques
Orange County Global Medical Center, Santa Ana, CA (26)	John W. Chen, David Lombardi	Brenda Perez
Jackson Memorial Hospital, Miami, FL (25)	Jose Romano, Amer Malik	Kathy Hesse
Wake Forest University Health Sciences, Winston-Salem, NC (25)	Amy Guzik	Sandra E. Norona
Intermountain Health, Murray, UT (24)	Robert Hoesch	Jacki Anderson
Valley Hospital, Ridgewood, NJ (23)	Dorothea Altschul	Farah Fermin
New York-Presbyterian Brooklyn Methodist Hosp, Brooklyn, NY (23)	Miran Salgado	Jonathan Muller
Florida Hospital Orlando, Orlando, FL (23)	Indrani Acosta	Brooke Hartwell
Sacred Heart Pensacola, Pensacola, FL (23)	Terry A. Neill	Carrie Hundley
Overlake Hospital, Bellevue, WA (23)	Abhineet Chowdhary	Tina Fortney
Boston Medical Center, Boston, MA (21)	Jose Rafael Romero	Brandon Finn
St. Peter's Hospital, Albany, NY (21)	Refat Assad	Maggie Ellithorpe
University of Mississippi Medical Center, Jackson, MS (21)	Rebecca Sugg	Susan Hetzel
West Virginia University, Morgantown, WV (20)	Muhammad M. Alvi	Jay Sherman

Kaiser Permanente Sacramento, Sacramento, CA (20)	Jonathan Hartman	Tashia Orr
Osceola Regional Medical Center, Kissimmee, FL (19)	Ankur Garg	Melissa Turner
Baptist Health Lexington, Lexington, KY (19)	Curtis Given	Sara Renfrow
St. Vincent Indianapolis/Ascension, Indianapolis, IN (15)	Jeffrey Hilburn	Ellen Looney
University of Vermont, Burlington, VT (15)	Christopher Commichau	Paul Jarvis
UPMC Altoona, Altoona, PA (15)	Changsoo Hahm	Melissa Mccauley
St. David's NeuroTexas, Austin, TX (15)	Angel Pulido	Sergio Michel
Long Beach Memorial Medical Center, Long Beach, CA (15)	Nima Ramezan-Arab	Françoise Toussaint-Jones
Shands Hospital University of Florida, Gainesville, FL (14)	Anna Khanna	Esther Olosoji
Bon Secours DePaul Medical Center, Norfolk, VA (14)	Armistead Williams	Elizabeth Purrington
Health Network, Fort Worth, TX (14)	Ratna Reddy	Reene Potter
Pomona Valley Hospital, Pomona, CA (14)	Bhupat Desai	Karen Tse-Chang
Berkshire Medical Center, Pittsfield, MA (13)	Laurence Ufford	Leslie Drager
Mississippi Baptist Medical Center, Jackson, MS (13)	Keith O. Jones	Teresa Ellebusch
Ocean Medical Center, Brick, NJ (12)	Stephen Martino	Michelle Dobrzynski
University of Louisville, Louisville, KY (12)	Elizabeth H. Wise	Ann Jerde
Norton HealthCare, Louisville, KY (12)	Gauhar Chaudhary	Robyn McLean
MetroHealth Medical Center, Cleveland, OH (11)	Joseph Hanna	Dana Cook
Alexian Brothers, Arlington Heights, IL (11)	Franklin Marden	Jennifer Orde
Morton Plant, Clearwater, FL (11)	Ajay Arora	Shawna Miller
Penn State Hershey Medical Center, Hershey, PA (10)	Raymond Reichwein	Deborah Hoffman
Rochester General Hospital, Rochester, NY (10)	Kelly Matmati	Nabil Matmati
WellStar Kennestone Hospital, Marietta, GA (10)	Kumiko Owada	Laura Murphy
Integrus Baptist Medical Center, Oklahoma City, OK (10)	Ashish Masih	Bethany Fife
Saint Francis Hospital, Tulsa, OK (10)	Larry Shepherd	Matthew Holzmann
Kaiser Permanent NW Oregon, Clackamas, OR (10)	Stephen Gancher	Sabrina Enoch
Navicent Health, Macon, GA (9)	Matthew Smith	Denise Goings
Carolinas Healthcare Blue Ridge, Morganton, NC (8)	Joseph Mazzola, Edward Plyler	Lisa Landers
Aurora BayCare, Green Bay, WI (7)	James Napier	Laura Thoreson
SSM De Paul, St. Louis, MO (7)	Amer Alshekhlee	Michelle Raymond
Crouse Hospital, Syracuse, NY (7)	Tarakad Ramachandran, Michael Jorolemon, David Padalino, Collin Maloney	Jenny Rae Mott
Wesley Medical Center, Wichita, KS (6)	Laxmi P. Dhakal	Cindy Murphy
Seton Medical Center Austin, Austin, TX (6)	Truman J. Milling	Patrick Lawrence
Central DuPage Hospital, Winfield, IL (5)	Harish Shownkeen	Kathy Hansen
Ascension-St. John Providence, Detroit, MI (4)	Paul A. Cullis	Lynne Froehlich
Memorial Medical Center-Springfield, Springfield, IL (4)	Sajjad Mueed	Ryan Pavolka
SUNY Downstate Medical Center, Brooklyn, NY (4)	Steven R. Levine	Nadege Gilles
Seton Medical Center Brackenridge, Austin, TX (4)	Truman J. Milling	Laura LaChance
Providence Holy Cross Medical Center, Mission Hills, CA (4)	Kanwal Nayyar	Karen Klein
Aurora Grafton, Grafton, WI (3)	Rose Dotson	Kristopher Rowe
University of Cincinnati Medical Center, Cincinnati, OH (3)	Elisheva Coleman	Emily Sayles
Houston Methodist Hospital, Houston, TX (3)	Rajan Gadhia	Jason Lee
King's Daughters Medical Center, Ashland, KY (3)	Paul W. Lewis	Jenny Nunley
Aurora-St. Luke's, Milwaukee, WI (2)	Rehan Sajjad	Carol Halliday
Henry Ford Health System, Detroit, MI (2)	Angelos Katramados	Theresa Holmes
Ascension Borgess, Kalamazoo, MI (2)	Rashmikant Kothari	Linda Mader
Parkview Hospital, Fort Wayne, IN (2)	Fen Lei Chang	Kelly Western
Clear Lake Regional Medical Center, Webster, TX (2)	Kinjal Desai	Colleen Kehr

HonorHealth-Scottsdale Osborn, Scottsdale, AZ (2)	Gary Reese, Ashu Jadhav	Mackenzie Steinbach
University California Los Angeles Medical Center, Los Angeles, CA (2)	Jeffrey Saver	Gilda Avila
University Colorado Health Memorial, Colorado Springs, CO (1)	Janice A. Miller	Alicia Gneiting
Good Samaritan, Los Angeles, CA (1)	Matthew S. Tenser	Sarah Burke