

## Online Appendix

**The HELPS Trial Collaboration** is listed in the order that participating centers joined the HELPS trial and with number recruited in each center given at end. Principal investigators (PI) were responsible for obtaining local IRB/ethics approval and provided and cared for study patients and in some units collected data as well. Local coordinators had the major data collection responsibility.

Western General Hospital, Edinburgh- Principal Investigator Phil White, Coordinator Lynn Forrester (105 patients); Queens Medical Centre, Nottingham- PI Norman McConachie, Coordinator Alison Southam (35 patients); University Hospital of Wales, Cardiff - PI Shawn Halpin (22 patients); Newcastle General Hospital, Newcastle- Principal Investigator Anil Gholkar, Coordinator Nicola Hind (12 patients); Oregon Health & Science University, Oregon - PI Stan Barnwell, Coordinator Sarah Ross (79 patients); Hope Hospital, Salford - PI Roger Laitt, Coordinator Elaine Wilkins (13 patients); Queen Elizabeth Hospital, Birmingham - PI Sal Lamin, Coordinator Beverley Hudson (11 patients); Walton Centre, Liverpool - PI Hans Nahser, Coordinator Sam Saminaden (54 patients) Cleveland Clinic, Ohio - PI David Fiorella, Coordinator Terese Wheeler (28 patients); Southampton General Hospital, Southampton - PI John Millar, Coordinator Sarah Halcrow (12 patients); Hospital Das Clinicas, Sao Paulo - PI Jose Guilherme Caldas (10 patients); University of Essen, Essen - PI Isabel Wanke, Coordinator Sophia Goricke (13 patients); St Josephs Hospital, Phoenix - PI Cameron McDougall, Coordinator Mary Harrigan (19 patients); The Methodist Hospital, Houston - PI Richard Klucznik, Coordinator Denise Meyer (20 patients); Henry Ford Hospital, Detroit - PI William Sanders (2 patients); Royal Prince Alfred Hospital, Sydney - PI Geoffrey Parker, Coordinator Victoria Dunne (13 patients); Neuroradiologie Hopital Purpan, Toulouse - PI Christophe Cognard (5 patients); University of Virginia HealthScience Centre, Virginia - PI Mary Jensen, Coordinator Patty Schweickert (10 patients); Henri Mondor Hopital, Creteil Paris - PI Andre Gaston, Coordinator Raphael

Blanc (8 patients); ENERI, Buenos Aires - PI Pedro Lylyk, Coordinator Carlos Miranda (7 patients); Royal Victoria Hospital, Belfast - PI Ian Rennie (2 patients); Hopital Gui de Chauliac, Montpellier - PI Alain Bonafe, Coordinator Marinette Moynier (11 patients); University of Texas South Western, Dallas - PI Lee Pride, Coordinator Kim Dutton (3 patients); Leeds General Infirmary, Leeds - PI Tony Goddard (5 patients).