



Yuko Y. Palesch, PhD, is Professor of Biostatistics and the Director of the Data Coordination Unit (DCU) in the Department of Biostatistics, Bioinformatics & Epidemiology at the Medical University of South Carolina. She has extensive experience in clinical trials, particularly in acute stroke. She is currently the PI for the ALIAS/IMS III Statistical and Data Coordinating Center Cooperative Agreement (U01 NS054630), the Neurological Emergencies Treatment Trials (NETT) Network (U01 NS059041), and several Phase I/II clinical trials in neurology. She is a statistical co-investigator of the NET-PD trials (U01 NS0431279). She also has collaborated in multicenter clinical trials either as a leading study statistician or co-investigator in other clinical

areas (e.g., a large, randomized study of sertraline for the treatment of general anxiety disorder sponsored by Pfizer, large multicenter diagnostic evaluation trials of virtual colonoscopy and RT-PCR for breast cancer). Dr. Palesch was responsible for the independent analyses for data and safety monitoring committees of two industry-sponsored Phase III clinical trials for stroke prevention and for Parkinson's disease. She has also served on the NSD-K Study Section as well as on numerous grant review committees for the NIH. In addition, she has participated in the DSMB for multiple studies sponsored by NIH and industry. For the last several years, Dr. Palesch has taught a course in clinical trials design and conduct and a course on statistical issues in clinical trials.

Representative Publications:

Hill MD, Moy CS, **Palesch YY**, Martin RH, Dillon CR, Waldman BD, Patterson L, Mendez IM, Ryckborst K, Tamariz D, Ginsberg MD, for the ALIAS Investigators. Albumin in Acute Stroke Trial (ALIAS): design and methods. *International Journal of Stroke* 2007;1:212-217.

Hill MD, Wright C, Martin R, Mitchell JR, Frayne R, Demchuk AM, Ryckborst KJ, Tamariz D, Ginsberg MD, **Palesch YY**: MR evidence of reduced lesion volume after human albumin therapy for acute ischemic stroke. The ALIAS Pilot Trial. *Neurology* 2007;68 (Suppl 1):A186.

Tomsick T, Broderick J, Carrozzella J, Khatri P, Hill MD, **Palesch YY**, Khoury J, for IMS II Investigators. Revascularization results in IMS II. *AJNR* 2008;29: 582-587.

Khatri P, Hill M, **Palesch Y**, Spilker J, Jauch E, Carrozzella J, Demchuk A, Martin R, Mauldin P, Dillon C, Ryckborst K, Janis S, Tomsick T, Broderick J, for the IMS III Investigators. Methodology of the Interventional Management of Stroke (IMS) III Trial. *International Journal of Stroke* 2008;3:130-137.

Mauldin PD, Simpson KN, **Palesch YY**, Spilker JA, Hill MD, Khatri P, Broderick JP for the IMS III Investigators. Design of the Economic Evaluation for the Interventional Management of Stroke (III) Trial. *International Journal of Stroke* 2008; 3:138-144.