

Clinical Trials

 September 11-13, 2017 San Antonio, USA

Developing an Alzheimer's clinical trial network with the Carolinas healthcare system, a large fully integrated health care system

Oleg V Tcheremissine and James C Rachal
Carolinas HealthCare System, USA

Alzheimer's disease (AD) is a progressive neurodegenerative disorder with a wide range of symptoms affecting memory, concentration, volition, and almost all aspects of human behavior. The prevalence of patients with AD is increasing due to an aging population. There is real possibility that without medical breakthroughs, the current 5.3 million Americans diagnosed will triple to 13.8 million by 2050. Delivery of compressive care is facing a crisis stemming from a combination of factors like the growing demand for such care, insufficient number of those specialized in this therapeutic area, rising costs of care, the complexity of the diseases and lack of effective treatment. Despite massive research efforts in recent decades, new treatments for AD remain elusive. Since 1998, there have been more than 100 attempts to develop new pharmacological agents, and all have failed. Patient population included in these clinical trials typically suffered from mild-moderate AD. Most of them were initially diagnosed and treated by their primary care providers. Early identification of a cohort of those who will benefit from clinical trial participation by is a strategic priority. CHS has made an investment in developing a comprehensive dementia care through a collaboration of different service lines including Neurosciences, Behavioral Health, Primary Care and Geriatrics. This bidirectional reciprocity allows aligning the process of drug development with information derived at the point of care, and provides an opportunity to further breach the efficacy-effectiveness gap, commonly defined as the differences between two populations of patients, those enrolled in clinical trials and those who will be treated in real clinical settings.

Biography

Oleg V Tcheremissine, MD, is a Professor of Psychiatry and Research Director for the Carolinas HealthCare System Department of Psychiatry and Behavioral Sciences. He is a board-certified Psychiatrist and Clinical Investigator with more than 25 years of medical and more than 20 years of research experience in human behavioral and clinical psychopharmacology. He has successfully combined his research interest, teaching, clinical, and administrative responsibilities while focusing on eliminating external and internal barriers to development of novel and innovative treatments with the overall goal of reducing health disparities, improving access to care and increasing the generalizability of clinical trials results.

Oleg.Tcheremissine@carolinashealthcare.org

Notes: