



Worldwide FINGERS Network Teleconference

www.alz.org/wwfingers

August 5, 2021 at 9 am Central (US) Time

Meeting Summary

I. Welcome and WW-FINGERS Network Highlights

a. *Welcome and AAIC Recap*

Maria Carrillo

AAIC 2021 took place as a hybrid conference with an in-person meeting in Denver, CO USA and a virtual component. In the future, AAIC will continue to provide both an in-person and virtual experience in order to bring together as much of the international AD community as possible.

b. Updates on WW-FINGERS Network

Miia Kivipelto

The WW FINGERS network comprises of more than 40 countries. The network continues to grow with the newest members Greece, Mauritius and the Philippines and ongoing discussions with teams in Burundi, Nigeria, Oman and South Africa. The WW FINGERS Network was highlighted at an Alzheimer's Disease International webinar in March that was targeted for countries that have been underrepresented in clinical trials. Network studies have continued to move forward in the current environment.

II. New WW-FINGERS Members Highlights

Turkey

Ahmet Turan & Derya Kaya

The Izmir Multi-Domain Geriatric Intervention Study to Prevent Cognitive Impairment (Izmir-FINGER) study is a one-year pilot study that recently began recruitment in Izmir, Turkey.

III. WW FINGERS SARS CoV-2 Initiative

The WW FINGERS SARS CoV-2 survey aims to identify changes in lifestyle, medical care of chronic disorders, brain health and mental wellbeing during the pandemic. As of July 2021, nearly 18,000 older adults have completed the survey in 18 countries either in clinical or in population settings using pen and paper or digital methods. Network studies have made this tool applicable to their own populations by adjusting questions and translating the survey into local languages. REDCap has been used for harmonized data entry, which allows for joint analysis and global integration of survey results. Moving forward, the survey will continue to be distributed in the global community with the development of a follow up survey and additional time points.

Welcome to Dr. Ana Sabsil Lopez Rocha who will be working on the WW FINGERS Scientific and Coordination teams as REDCap specialist and coordinator of the WW-FINGERS-SARS-CoV-2 project.

IV. Workgroup Updates

Progress updates were shared from workgroups within the WW FINGERS Network, including the Data Infrastructure Workgroup, Data Survey Infrastructure Workgroup and the Methodological Challenges Workgroup. The goal of these workgroups is to provide an open forum to assist in harmonization, design and problem solving for studies within

the network, also in response to RCTs changes triggered by the COVID-19 pandemic. The Data Infrastructure Workgroups have focused on the use of REDCap and ease of sharing and harmonization of data using this tool. The Methodological Challenges Workgroup has focused on common issues and resolutions to promote harmonization and a community within the network studies. Forums hosted by this workgroup has led to collaborative publications, which the group hopes to continue.

V. Updates of Ongoing and Completed WW FINGERS Network RCTs

Updates from FINGER, MIND-ADmini, SINGER, US POINTER and Canada THUMBS-UP were highlighted during this session. Follow up visits for the FINGER trial have continued with 5 and 7 year follow ups, the COVID survey was done at 10 year follow up and an 11 year follow up will begin in September 2021. MIND-ADmini is a pilot study as a precursor to the FINGER 2.0 intervention model that includes pharmacological interventions to the multidomain lifestyle intervention. The trial was completed in 2019 and preliminary results focus on study feasibility. The SINGER study has expanded to include a longitudinal study of brain, retinal and blood markers. The study continues to address the challenges of the pandemic by transitioning to virtual platforms for participants. Recruitment in the US POINTER trial is ongoing and includes four sub-studies for brain imaging, sleep, microbiome and neurovascular studies. Canada THUMBS UP SYNERGIC trial enrolled 200 participants and 20 of those participants were transitioned to a virtual intervention at the time of the pandemic. This has led to the SYNERGIC@HOME trial that utilizes digital platforms for in-home interventions. The upcoming SYNERGIC-2 trial will enroll 550 participants and will align outcomes to FINGER and other WW FINGERS Network trials.

VI. New WW FINGERS Network RCTs

New studies and member countries that have recently joined the WW FINGERS Network were highlighted in this session. MET-FINGER-APOE is in the FINGER 2.0 model that combines lifestyle intervention with metformin in a population enriched for APOE4 carriers. Netherlands FINGER will recruit 1,206 participants from the Dutch Brain Research Registry and through local sites. The hybrid intervention model will begin in Fall 2021 and will be supported by a personalized online study dashboard that includes reminders and motivation as well as a means to collect data with online questionnaires. The CITA Go On study is based on the data obtained from the pilot study GOIZ ZAINDU to evaluate the FINGER method to the Basque region. A hybrid design will include virtual tools for assessment and intervention activities. The AGELESS Malaysia study began screening participants in April 2021 and the study intervention is expected to begin September 2021. Preliminary results from the validation studies are available and baseline measurements are in progress. The global pandemic delayed initiation of the LatAm FINGERS study, which allowed time for additional preparation. REDCap will be used for data collection between the 12 countries in Latin America and during this time implementation, organization and validation of this tool were completed. Over 5,000 participants were included in baseline assessment of MIND CHINA. A pilot study was conducted in early 2019 and interventions began in October 2019 with annual follow up that has continued through 2021. In the Philippines, INDAK (Improving Neurocognition through Dance and Kinesthetics) was a small study was conducted using dance as the physical intervention over 12 months in 2015. From this study, the Filipino Multicomponent Intervention to Maintain Cognitive Performance in High-Risk Population (FINOMAIN) is a study that uses dance in participants with vascular risk. The study has been interrupted by the pandemic and is piloting a transition to virtual dance activities.