Davos Alzheimer's Collaborative
HEALTHCARE SYSTEM PREPAREDNESS

The Davos Alzheimer's Collaborative Healthcare System Preparedness (DAC-SP) Program

The Davos Alzheimer's Collaborative (DAC) Healthcare System Preparedness (DAC-SP) program addresses the readiness of our healthcare systems worldwide for a global aging population, with an initial focus on improving rates of early detection and the timely and accurate diagnosis of Alzheimer's disease. DAC-SP applies implementation science methods to turn research breakthroughs into lasting improvements in clinical practice.

To accelerate and scale the delivery of cutting-edge treatments and innovations globally, DAC-SP shares learnings and best practices through Learning Laboratory meetings and its Early Detection Blueprint microsite. In collaboration with our partners around the world, DAC-SP serves as a catalyst for transformative improvement within healthcare systems.

Early Detection of Cognitive Impairment:

- DAC-SP's first implementation program had two approaches:
  (1) Flagship program including 7 healthcare systems across 6 countries: Brazil, Jamaica, Japan, Mexico, Scotland and US
  (2) Grant program with locally designed projects in 12 healthcare systems in 8 countries: Armenia, Brunei, Canada, Cuba, Germany, Japan, Kenya, and US
- Goal of the flagship program was to increase the rate of early detection of cognitive impairment in primary care and non-specialty settings by implementing a digital cognitive assessment.
- The AD Data Initiative's AD Workbench served as the data and analytical platform for the flagship program. The advanced data sharing, management, and analysis tools are integral to DAC-SP programs.

Ongoing Implementation Programs:

Accurate Diagnosis: 8 healthcare systems across 5 countries (Germany, Japan, Netherlands, UK, US) will implement blood biomarkers in primary and specialty care settings to improve healthcare system readiness for timely and more accurate diagnosis of Alzheimer's disease and related dementias.

U.S. Early Detection Healthcare System Fellowship: 10 healthcare systems focused on improving rates of early detection in primary care settings will implement and evaluate the Early Detection Blueprint with the aim of creating a U.S.-specific version at the end of the program.

IHI AD-RIDDLE: 8 sites across 6 European countries (Sweden, UK, Netherlands, Italy, Finland, Spain) over a 5-year initiative, are aiming to revolutionize the way Alzheimer's disease is detected, diagnosed, prevented, and treated by implementing a 'toolbox platform' of validated resources for patients, caregivers, and healthcare providers.

***U.S. Brain Health Navigator*:** Rapid coordination among stakeholders is crucial for effective AD care pathways. DAC-SP will co-create and implement a brain health navigator model with 6 sites in the U.S. to help provide timely care for patients with cognitive decline.

DAC-SP Blueprint:

- Learnings from the Early Detection program were synthesized into a practical, digital blueprint as an operational roadmap for healthcare systems to drive adoption of best practices for Alzheimer's care.

Scan to access the DAC-SP Early Detection Blueprint

- The blueprint will continue to evolve, and future versions will include insights from our ongoing implementation programs.

Learning Laboratory Meetings:

- DAC-SP hosts biannual webinars to bring together leaders from government, healthcare, and industry across all resource settings to drive evidence-based changes to policy and practice. By fostering global collaboration and sharing learnings, new innovations can be more effectively adopted by other communities and systems.
- Previous meeting recordings are available on our YouTube channel.

DAC-SP Publications:

- Foundational framework: *Ball D. et al. Alzheimer's Dement. 2023; 19: 1568–1578. https://doi.org/10.1002/alz.12869*
- Cross-site flagship results: *Ozawa, T., et al. The Journal of Prevention of Alzheimer's Disease, 12(3), 100038. https://doi.org/10.1016/j.tjpad.2024.100038*

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