

ESKENAZI

EALTH

INDIANA UNIVERSITY SCHOOL OF MEDICINE

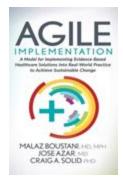
From JAMA to GUIDE: A 20 year plus Journey

Disclosures (Malaz Boustani)

• Equity Ownership in

RestUp, LLC Preferred Population Health Management, LLC Blue Agilis, LLC DigiCareRealized, Inc Mozyne Health, Inc

- Advisory board member in the past 12 months for : Biogen, Genentech, Lilly, Merck & Eisai
- Author with royalty for the following books
 - Agile Implementation; Agile Network, Agile Diffusion
- Teacher of
 - IU Graduate Certificate in Innovation and Implementation Science
- Scientist who receive funding from Federal agencies
 - NIH
 - AHRQ
 - CMS



Source of Funding:

- For Aging Brain Care Discovery:
 - K23AG026770; R01AG029884; R01AG040220; R01AG034205; P30AG024967; R01HS019818; and R01HS10884.
- For Aging Brain Care Delivery:
 - R24MH080827; 1C1CMS331000-01-00; 1L1CMS331444-01-00; Administration of Community Living; Eskenazi Health Foundation.

Objectives

 Discuss the individual, family and societal burden related to Alzheimer Disease and Related Dementias.

 Review the Discovery to Delivery two decades journey of the collaborative dementia care model.

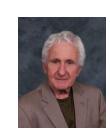
The Problem

- More than 3 million people with dementia experience cognitive, functional, behavioral and psychological disabilities
- Dementia generates significant financial and emotional stress for both the person with dementia and their unpaid caregivers:
 - Poor quality of life for both the person with dementia, and their unpaid caregivers
 - Higher emergency room utilization
 - More frequent hospital admissions
 - More days in nursing home facilities.
- Health Care Spending for Dementia population is very high
 - Medicare spending: **3x** greater for seniors with Alzheimer's Dementia
 - Medicaid spending: 19x greater for dual eligible beneficiaries with Alzheimer's Dementia



Our Scientific Village

























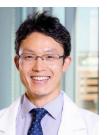
















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The Minimally Viable Solution

- Population-Based Care:
 - A panel of patients and informal caregivers living with recognized dementia.
- Measurement-Based Treatment to Target:
 - HABC-Monitor (Caregiver reported and patient reported)
- Dyad-Centered Collaboration:
 - Co-develop brain care plan
- Evidence-Based Care:
 - Caregiver stress prevention bundle
 - Medication Management
 - Transitional care
- Accountable Care
 - HABC-Monitor-CG total score < 15 within 12 months
 - 100% adherence to the caregiver stress prevention Bundle
 - 90 days readmission < 5%
 - # community days

Healthy Aging Brain Care Program

Obsession with Implementability, Scalability and Sustainability

- 1990's to 2001 (JAHF)
 - Designed the Aging Brain Care Model (ABC beta) based on IMPACT.
- 2001 to 2006 (AHRQ)
 - Evaluated the ABC model in randomized controlled trial.
- 2006 to 2012 (Eskenazi, NIMH, Forest, Novartis)
 - Developed IDND
 - Translated the model into a local **clinical** program (**ABC 1.0**).
 - Connected with UCLA, Hopkins and Greifswald
 - Developed and Validated the HABC-Monitor
 - Developed the eMR-ABC
 - Served 1,000 patients in Indianapolis.

Healthy Aging Brain Care Program

Obsession with Implementability, Scalability and Sustainability

- 2012-2023 (Eskenazi, NIA, CMS),
 - Developed and evaluated a scalable clinical version (ABC 2.0).
 - Connected with UCSF and UN
 - Co founded then sold PPHM
 - Served 5,000 patients in Indiana (2015).
- 2018 2023 (CMS, JAHF)
 - Build a village to create demand for the ABC Model
 - AA, AARP, USAgainst AD, JAHF, Milken Institute, NIA Summit on ADRD
 - Developed an Alternative Payment Model (2018)
 - Lessons learned from IMAPCT.
 - CMS GUIDE approved (July 31 2023)
 - GUIDE at Eskenazi

Healthy Aging Brain Care Program

Obsession with Implementability, Scalability and Sustainability

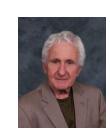
• 2016 – 2027 (NIA)

- Expanded the ABC to other vulnerable population (ICU survivors, Trauma Survivors, Delirium Survivors)
 - CCRP, TMH, DANE, Cirrhosis MH, Rx for Hope 2.0
- Developing a scalable community version (ABC 3.0)
 - iCare ABC
 - ABC Community
- Expanding to PALLAITIVE CARE:
 - ABC Virtual
 - INPEACE
- July 2024 (CMMI)
 - Expand HABC at Eskenazi to serve 1,800 patient per year.



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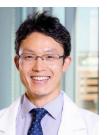
















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