

**ESKENAZI** 

EALTH

INDIANA UNIVERSITY SCHOOL OF MEDICINE

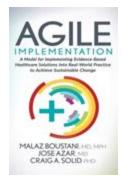
## From JAMA to GUIDE: A 20 year plus Journey

## **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**









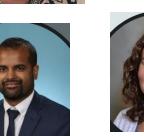
















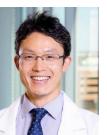
















Erin









### **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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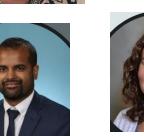
















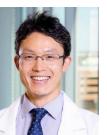
















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