

# Progress Update: Dementia Nomenclature Initiative

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STEERING COMMITTEE CO-CHAIRS

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# Examples of Today's Communications Problem

#### Between Patient and Provider:

• What's the difference between dementia and Alzheimer's?

#### The Public

 There is varying cultural sensitivity regarding terms like dementia.

#### Between Research Stakeholders

• What specifically do you mean by "Alzheimer's disease."

# Public Health Relies on Good Communication

#### Promoting public health requires:

· Clear, accessible communication

#### The Problem:

- Confusing explanations
- Inconsistent use of terminology
- Failure to communicate effectively

#### Results in:

- Stigma and isolation
- · Delays in diagnosis and care
- Barriers to public education, policy, research

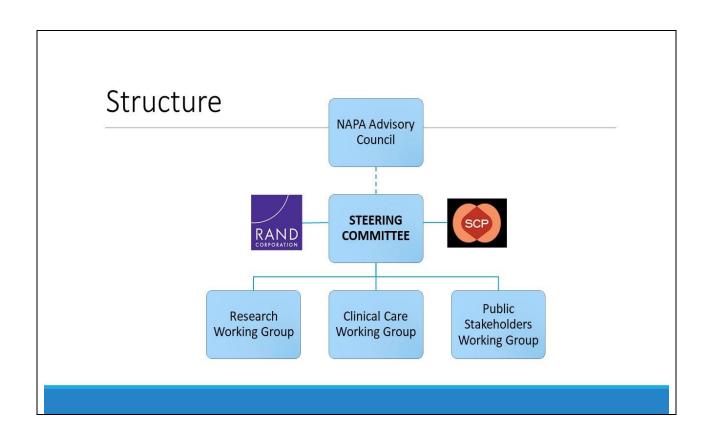
2016 ADRD Summit

Building Momentum for Change

Recurring Recommendations by Advisory Council

2017 Care and Services Summit

2019 ADRD Summit: Process Rec's on Dementia Nomenclature



# **DeNoml Collaborators**

#### STEERING COMMITTEE Ronald C. Petersen, MD, PhD Angela Taylor

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# Deliverables

#### All Groups:

 What words or terms could be used to describe the full spectrum of cognitive impairment.

#### Research

- Terms to describe the continuum of severity
- A standard framework to improve communications
- Implications for industry and regulatory groups

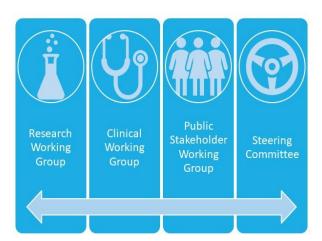
#### Clinical Care

- · Clinical management needs of terminology
- Implications of the proposed framework
- Clinical care
- $\bullet \, \mathsf{Payors}, \mathsf{health} \, \mathsf{systems}, \mathsf{EMR} \, \mathsf{vendors}$
- Public health science and training/education implications

#### **Public Stakeholders**

- Current barriers to diagnosis and research participation
- Implications of proposed framework
- For addressing stigma
- Cultural sensitivity of today's terms

# Iterative Input Process



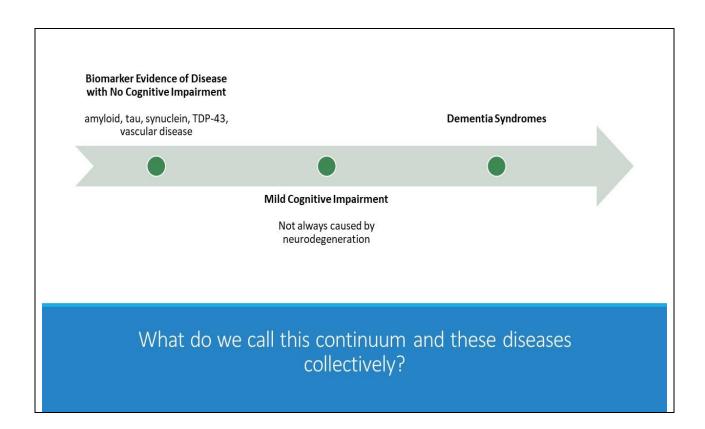
# Scope of Work

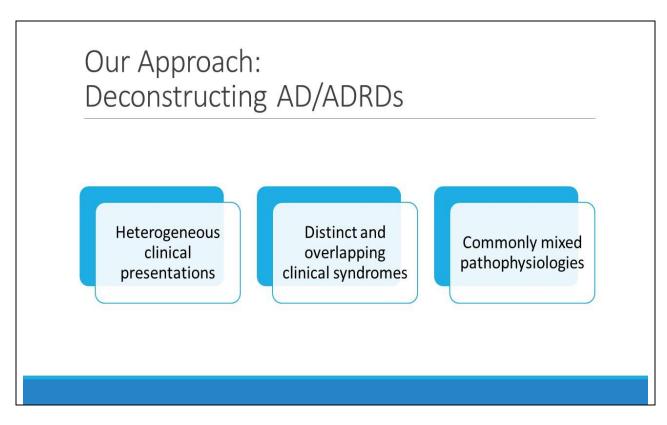
#### **Includes**

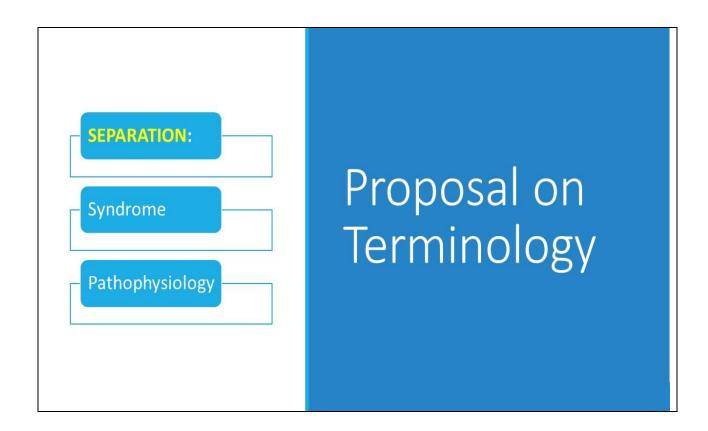
- Implementing process recommendations from 2019 the ADRD Summit:
  - Identify barriers, opportunities and strategies to improve communication
  - Focus from NAPA legislation: AD, FTD, LBD, VCID and mixed dementias

#### **Does NOT include**

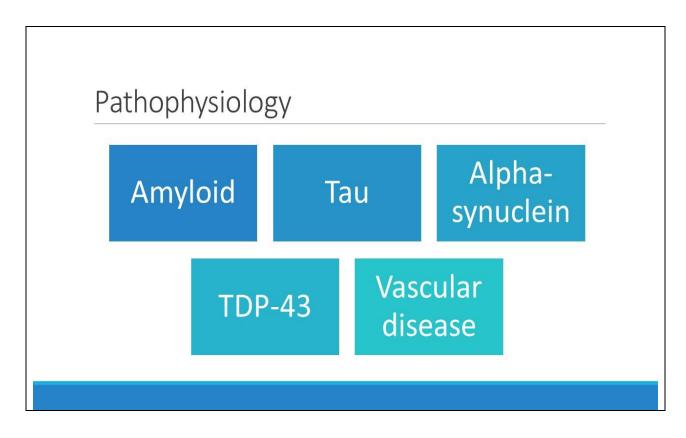
- Changing diagnostic criteria
- Recommending replacement terms
- Influencing funding priorities

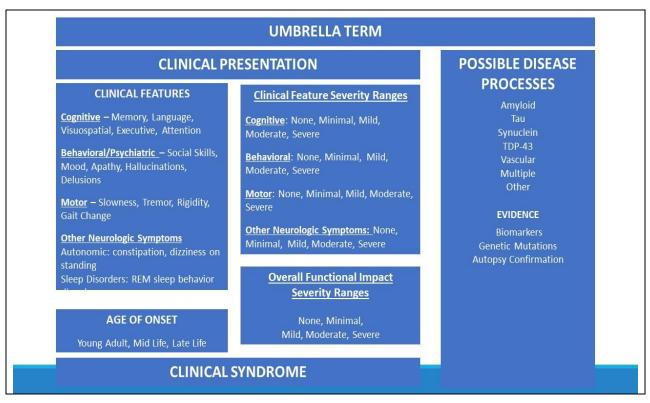






# Syndrome Syndrome Attention/Executive Visuospatial Skills Social/Behavioral Combinations





#### **UMBRELLA TERM**

#### **CLINICAL PRESENTATION**

#### **CLINICAL FEATURES**

<u>Cognitive</u> – <u>Memory, Language,</u> Visuospatial, <u>Executive</u>, Attention

<u>Behavioral/Psychiatric</u> – Social Skills, Mood, <u>Apathy</u>, Hallucinations, Delusions

<u>Motor</u> – Slowness, Tremor, Rigidity, Gait Change

#### **Other Neurologic Symptoms**

Autonomic: constipation, dizziness on standing

Sleep Disorders: REM sleep behavior disorder

#### **AGE OF ONSET**

Young Adult, Mid Life, Late Life

#### **Clinical Feature Severity Ranges**

<u>Cognitive</u>: None, Minimal, Mild, <u>Moderate</u>, Severe

Behavioral: None, Minimal, Mild,

Moderate, Severe

Motor: None, Minimal, Mild, Moderate,

Other Neurologic Symptoms: None, Minimal, Mild, Moderate, Severe

# Overall Functional Impact Severity Ranges

None, Minimal, Mild, Moderate, Severe

# POSSIBLE DISEASE PROCESSES

#### Amyloid

#### Tau

TDP-43 Vascular Multiple

#### **EVIDENCE**

Biomarkers Genetic Mutations Autopsy Confirmation

#### **CLINICAL SYNDROME**

#### **UMBRELLA TERM**

#### **CLINICAL PRESENTATION**

#### **CLINICAL FEATURES**

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Other Neurologic Symptoms: None,

Minimal, Mild, Moderate, Severe

Overall Functional Impact
Severity Ranges

None, Minimal, Mild, Moderate, Severe

# POSSIBLE DISEASE PROCESSES

Amyloid

#### Synuclein

TDP-43 Vascular Multiple Other

#### **EVIDENCE**

Biomarkers Genetic Mutations Autopsy Confirmation

#### **CLINICAL SYNDROME**

#### **UMBRELLA TERM CLINICAL PRESENTATION POSSIBLE DISEASE PROCESSES CLINICAL FEATURES Clinical Feature Severity Ranges Amyloid** Cognitive - Memory, Language, Cognitive: None, Minimal, Mild, Tau Visuospatial, Executive, Attention Synuclein Moderate, Severe TDP-43 Behavioral/Psychiatric - Social Skills, Behavioral: None, Minimal, Mild, Mood, Apathy, Hallucinations, Moderate, Severe Multiple Delusions Motor: None, Minimal, Mild, Moderate, Motor - Slowness, Tremor, Rigidity, **EVIDENCE Gait Change** Other Neurologic Symptoms: None, **Biomarkers** Other Neurologic Symptoms Minimal, Mild, Moderate, Severe **Genetic Mutations Autopsy Confirmation** Sleep Disorders: REM sleep behavior **Overall Functional Impact** disorder Severity Ranges AGE OF ONSET None, Minimal, Mild, Moderate, Severe Young Adult, Mid Life, Late Life **CLINICAL SYNDROME**

# Umbrella Term Criteria

- 1) coverage of the desired concepts
- exclusion of extraneous concepts;
- 3) agnostic to type of dementia/cognitive impairment and degree of functional impairment;
- specific enough to suggest that a change in cognitive function is occurring or will occur;
- 5) Understandable by the public and have the potential to mitigate stigma;
- 6) Usable by researchers and clinicians.

# **Umbrella Term Candidates**

**Adult Cognitive Diseases** 

**Adult Cognitive Disorders** 

# Phase 1: Early Feedback; Phase 2 Needed

# **Challenges**

- Change management, e.g., electronic health record, RCDC, NAPA
- Service eligibility

### **Advantages**

- Clarifies communication
- Supports workflow
- Streamlines drug development

Expand input on the Framework from dementia community across a range of patient and caregiver types

Build consensus on the Framework with professional societies, other sectors

Cycles of beta testing of the Framework in the clinic

Develop robust communications resources to drive uptake of the Framework

# Who else should be involved?

- · Professional societies like APA, AAN
- Advocacy organizations
- Multiple types of care and service providers
- Journal editors
- Media

Phase 2

Federal agencies

# Considerations for the Council

- ➤ How could clear, consistent nomenclature aid in the implementation of the National Plan?
- How might the uptake of the Framework contribute towards diversity, equity and inclusion in clinical care and research?
- > Does the Council endorse the initiative moving forward into a second phase and reporting back our progress?