



2023 **ALZHEIMER'S DISEASE FACTS AND FIGURES**



While only 4 in 10 Americans talk to their doctor right away when experiencing early memory or cognitive loss,



7 in 10 would want to know early if they have Alzheimer's disease if it could allow for earlier treatment.

More than 6 million Americans

are living with Alzheimer's

.a number expected to double by 2050

In 2023, Alzheimer's and other dementias will cost the nation

\$345 billion

By 2050, these costs could rise to nearly \$1 trillion

Over 11 million **Americans**

provide unpaid care for people with Alzheimer's or other dementias

These caregivers provided more than 18 billion hours valued at nearly

\$340

billion



seniors dies with Alzheimer's or another dementia

It kills more than breast cancer

prostate cance

The for women lifetime risk for Alzheimer's at age 45 is for men

Between 2000 and 2019, deaths from heart disease has

> decreased 7.3%



while deaths from Alzheimer's disease have

increased

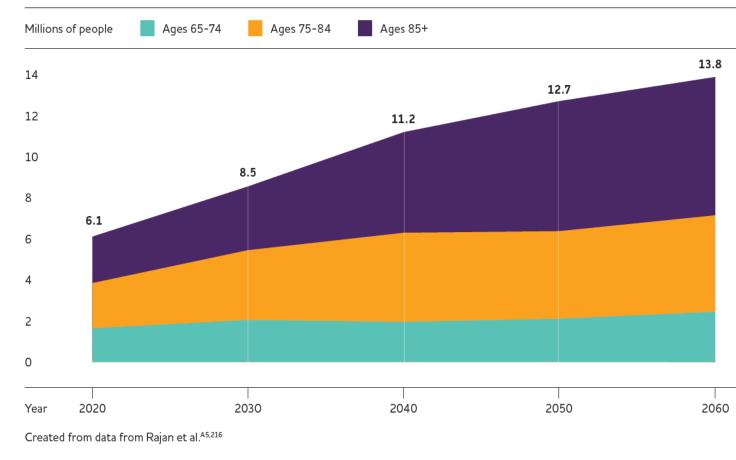
145%

Prevalence

An estimated 6.7 million Americans are living with Alzheimer's dementia.

The number of Americans
65+ living with Alzheimer's is
expected to nearly double
by 2050.

Projected Number of People Age 65 and Older (Total and by Age) in the U.S. Population with Alzheimer's Dementia, 2020 to 2060



Gender and Racial Differences in Alzheimer's Prevalence



Almost **two-thirds** of Americans with Alzheimer's are **women**



Older Blacks/African Americans and Hispanics/Latinos are disproportionately more likely than older non-Hispanic Whites to have Alzheimer's or other dementias



Population-based studies for other racial/ethnic groups are needed

What May Impact Risk of Cognitive Decline or Dementia



Constellation of reasons may be fundamental and unique to each individual

Social determinants of health may impact some or all of these factors

Strength of our understanding is different across risk factors

Need to Study Risk from ALL Angles

Causes of Cognitive Impairment

Currently Irreversible

Neurodegenerative

Nerve cell death selective for cognitive networks

- Alzheimer's Disease
- Lewy Body Disease
- Frontotemporal Disorders
- Huntington's Disease
- Parkinson's Disease

Vascular

- Stroke
- Small vessel disease
- Micro-bleeds
- Blockage of vessels

Potentially Reversible

Rarer Causes

- Metabolic
- Toxicity (including alcohol)
- Vitamin deficiencies
- Tumor lesion
- Medication side effect
- Sleep disturbance

Clinical Symptoms of Dementia

COGNITIVE

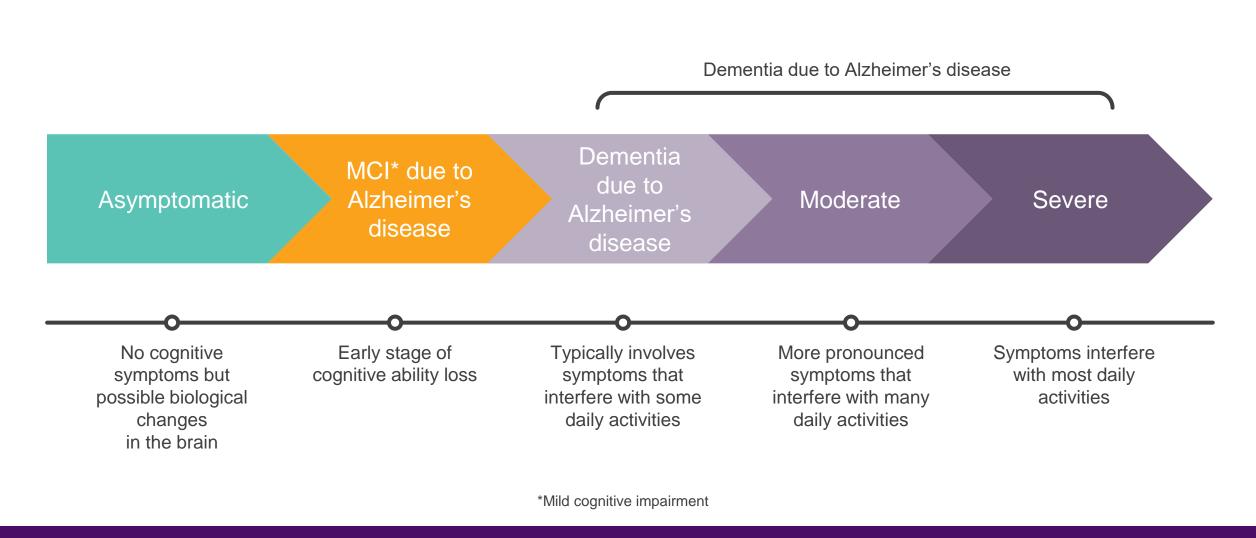
- Memory
- Learning
- Thinking
- Planning

NON-COGNITIVE (BEHAVIORAL & PSYCHOLOGICAL)

- Personality changes
- Depression
- Anxiety
- Delusions
- Hallucinations
- Apathy
- Agitation
- Sleep disturbances



Alzheimer's Disease is a Continuum



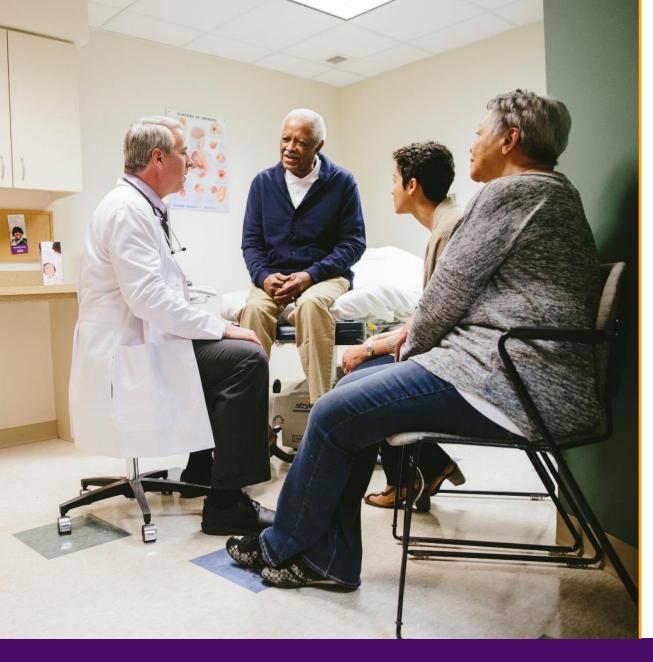


S Early Detection and Diagnosis





ALZHEIMER'S \\ ASSOCIATION



An early diagnosis can have emotional, social and medical benefits

- Understand symptoms
- Explore treatment options
- Improve health outcomes
- Prevent complications
- Make legal and financial decisions
- Access care services
- Participate in clinical trials
- Effectively manage the cost of care

Revising the Diagnostic Guidelines for Alzheimer's and MCI

1984

2001

2011

2018





Alzheimer's & Dementia 14 (2018) 535-562



2018 National Institute on Aging—Alzheimer's Association (NIA-AA) Research Framework

NIA-AA Research Framework: Toward a biological definition of Alzheimer's disease

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SPECIAL ARTICLE

LEVEL OF RECOMMENDATION

Practice guideline update summary: Mild cognitive impairment

Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology

Ronald C. Petersen, MD, PhD, Oscar Lopez, MD, Melissa J. Armstrong, MD, MSc, Thomas S.D. Getchius, Mary Ganguli, MD, MPH, David Gloss, MD, MPH&TM, Gary S. Gronseth, MD, Daniel Marson, JD, PhD, Tamara Pringsheim, MD, Gregory S. Day, MD, MSc, Mark Sager, MD, James Stevens, MD, and Alexander Rae-Grant. MD

Neurology® 2018;90:126-135. doi:10.1212/WNL.0000000000004826

Abstract

Objective

To update the 2001 American Academy of Neurology (AAN) guideline on mild cognitive impairment (MCI).

Methods

The guideline panel systematically reviewed MCI prevalence, prognosis, and treatment articles according to AAN evidence classification criteria, and based recommendations on evidence and modified Delphi consensus.

Correspondence

American Academy of Neurology guidelines@aan.com

MORE ONLINE

Podcast

Dr. Jeff Burns talks with Dr. Ronald Petersen about the updated AAN guideline on mild cognitive impairment.

NPub.org/ojn0w9



Need for Greater Diagnostic Accuracy

- 2011 NIA-AA Diagnostic Guidelines and 2018 NIA-AA Research Framework outlined more clearly the opportunities to increase the certainty of a diagnosis.
- This paired with the updated 2018 AAN guidance on all-cause MCI, and other evolving data tell
 us that the 1984 NINCDS-ADRDA diagnosis is effective and accurate about 70% of the time and in those other instances, the use of biomarkers will increase the certainty.



.....of individuals clinically diagnosed as Alzheimer's disease dementia by experts **DO NOT** display Alzheimer's disease neuropathologic changes at autopsy or in brain scans

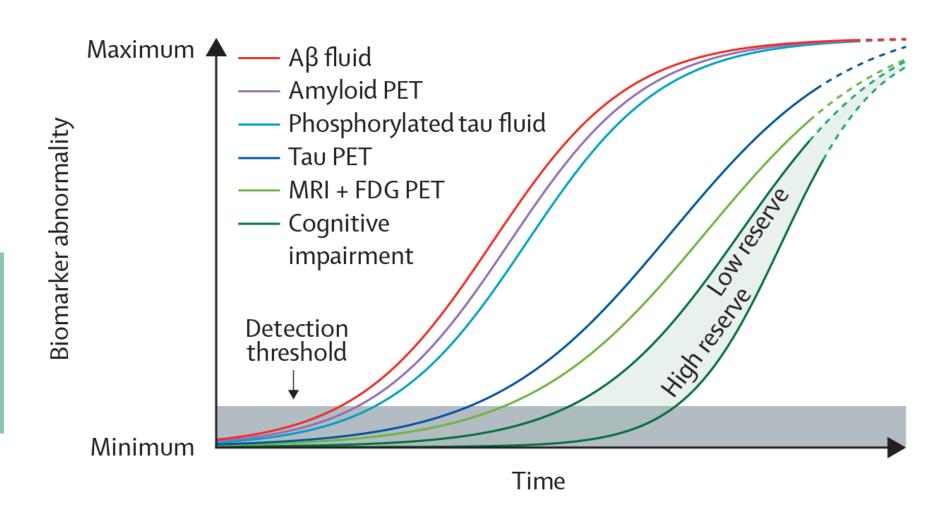
BIOMARKERS ARE CHANGING THE GAME ACCELERATING THE SPEED OF RESEARCH **Biofluid Analysis Brain Imaging Emerging Markers**

ALZHEIMER'S PS ASSOCIATION

Modernizing the Diagnosis

20

years or more before symptoms appear, the brain changes of Alzheimer's may begin.



Translating Biomarker Results for the Patient: Quantification Matters and Informs Treatment and Care

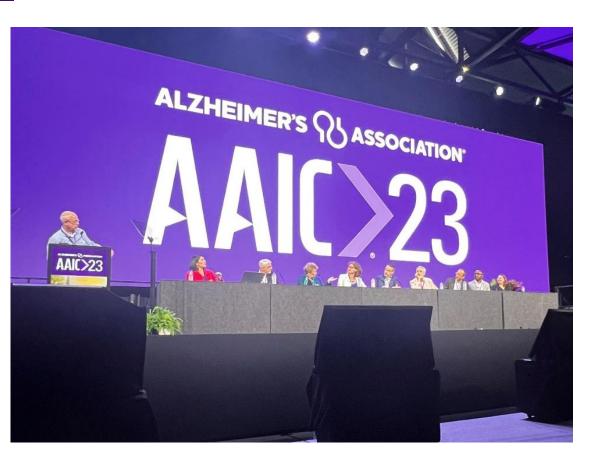
We are in the midst of a paradigm shift



Quantification matters, Clinicians must answer questions:

- Am I at risk?
- What is my diagnosis?
- What stage is my disease?
- How fast will I progress?
- What treatments are appropriate?
- Is the treatment working?
- Can my dosing be adjusted?
- Can my treatment be stopped?
- What are my next steps?

Revised Criteria For Diagnosis and Staging of Alzheimer's Disease: Alzheimer's Association Workgroup



Charge is to examine the 2011 NIA-AA clinical guidelines and 2018 NIA-AA research framework in the context of the current scientific knowledge, and, if appropriate, revise the criteria for diagnosis and staging of Alzheimer's disease.

Workgroup members represent a broad and diverse range of scientific and medical expertise, including various institutions (public, academic and private) and professional organizations involved with Alzheimer's research and care.

Draft criteria were presented publicly at AAIC 2023, CTAD 2023, AD/PD 2024 and were open for public comments from the scientific community

Revised criteria were submitted for publication in early 2024



Conceptual Foundation for Criteria

Alzheimer's on a cont beginning disease brain chan people asympton

Disease progre through stag increasing changes, ev leading appearance progressic clinical sympte

Alzheim defined by (bioma through disease c

Incorporates
Biological and
Clinical Staging
(like is done in
Oncology)

Appropriate Use Criteria for Amyloid PET

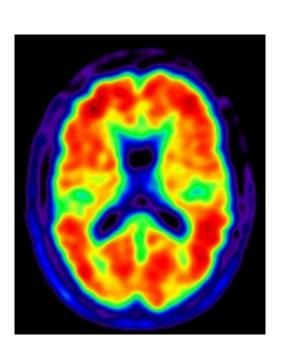
Alzheimer's Dementia

Alzheimer's & Dementia 9 (2013) e1-e16

- International, multidisciplinary workgroup convened by Alzheimer's Association and SNMMI
- Preparing final manuscript for submission
- Publication Q2 of 2024

Appropriate use criteria for amyloid PET: A report of the Amyloid Imaging Task Force, the Society of Nuclear Medicine and Molecular Imaging, and the Alzheimer's Association

Keith A. Johnson^a, Satoshi Minoshima^b, Nicolaas I. Bohnen^c, Kevin J. Donohoe^d, Norman L. Foster^e, Peter Herscovitch^f, Jason H. Karlawish^g, Christopher C. Rowe^h, Maria C. Carrillo^{i,*}, Dean M. Hartleyⁱ, Saima Hedrick^j, Virginia Pappas^j, William H. Thiesⁱ





Co-Chair Gil Rabinovici, MD



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Javier Arbizu, MD. PhD



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Tammie Benzinger, Kevin Donohoe, MD. PhD



Jennifer Hagerty Lingler, PhD





MD, PhD



MD, PhD



Satoshi Minoshima, Melissa E. Murray, PhD



Oskar Hansson, Peter Herscovitch, MD



Julie Price, **PhD**



David Knopman, MD



Stephen Salloway, MD

FDA Approved Glucose PET Marker

18F-Fludeoxyglucose

FDA Approved β-amyloid PET Markers

- 18F-Florbetaben (Neuraceq)
- 18F-Florbetapir (Amyvid)
- 18F-Flutemetamol (Vizamyl)

FDA Approved Tau PET Marker

18F-Flortaucipir (Tauvid)



Positron emission tomography (PET) scan results aid doctors in diagnosing and treating memory conditions

FDA Approved Cerebrospinal Fluid (CSF) Biomarkers

Lumipulse® G β-Amyloid Ratio (1-42/1-40)

Abeta 42/40

Elecsys® Phospho-Tau (181P) CSF / Elecsys® β-Amyloid (1-42) CSF II Ratio

pTau 181, Abeta 42 Ratio

Elecsys® Total -Tau CSF / Elecsys® β-Amyloid (1-42) CSF II / Ratio

Total Tau, Abeta 42 Ratio

There are also additional CSF biomarker tests on the market, however they are not currently FDA approved*

Blood Biomarkers on the Horizon

Tau	Amyloid-β	Neurodegeneration	Additional
pTau 217/npTau 217	Αβ 42/40	NfL	APOE
pTau 181			Vitamin's TSH
			Folate
			Others

Markers listed are examples of what blood tests can measure that are currently available in the clinic today

 While progress is being made toward Blood Biomarker Discovery, there are currently no FDA-approved blood biomarkers for Alzheimer's *

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REVIEW ARTICLE
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The Alzheimer's Association appropriate use recommendations for blood biomarkers in Alzheimer's disease

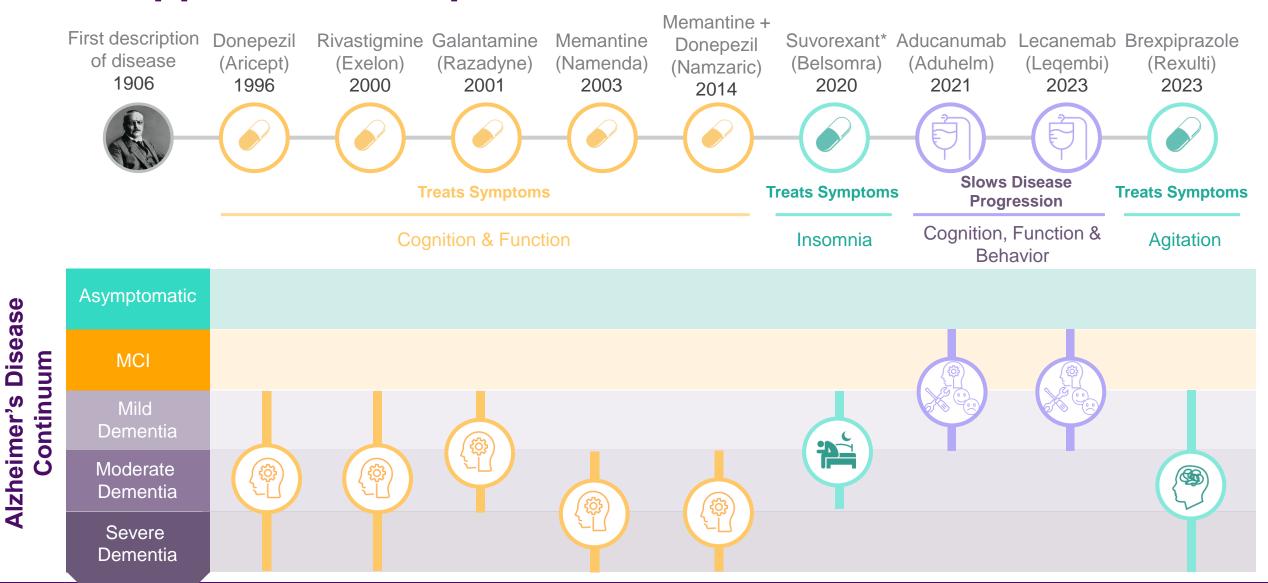
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Oskar Hansson<sup>1,2</sup> | Rebecca M. Edelmayer<sup>3</sup> | Adam L. Boxer<sup>4</sup> | Maria C. Carrillo<sup>3</sup> | Michelle M. Mielke<sup>5</sup> | Gil D. Rabinovici<sup>4</sup> | Stephen Salloway<sup>6</sup> | Reisa Sperling<sup>7</sup> | Henrik Zetterberg<sup>8,9,10,11,12</sup> | Charlotte E. Teunissen<sup>13</sup>
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Why is Early Detection so Important? Understanding the Treatment Landscape





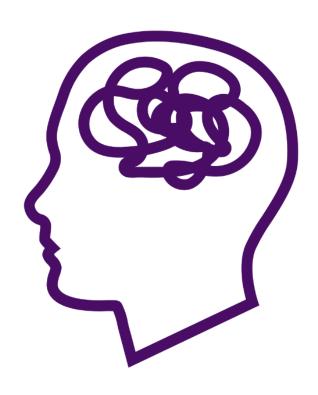
FDA Approved Therapies for Alzheimer's Disease



Medicines Focused on Behavioral and Psychological Symptoms of Dementia

Brexpiprazole (Rexulti)

- First drug indicated for the treatment of Agitation
 Associated with Dementia Due to Alzheimer's Disease
- Submission was based on two Phase 3, 12-week, randomized, double-blind, placebo-controlled fixed-dose studies
- Primary endpoint was a change in agitation symptom frequency on the Cohen-Mansfield Agitation Inventory (CMAI)
- 31% greater reduction from baseline in frequency of agitation symptoms vs placebo





Deeper Dive: A New Phase of Treatment

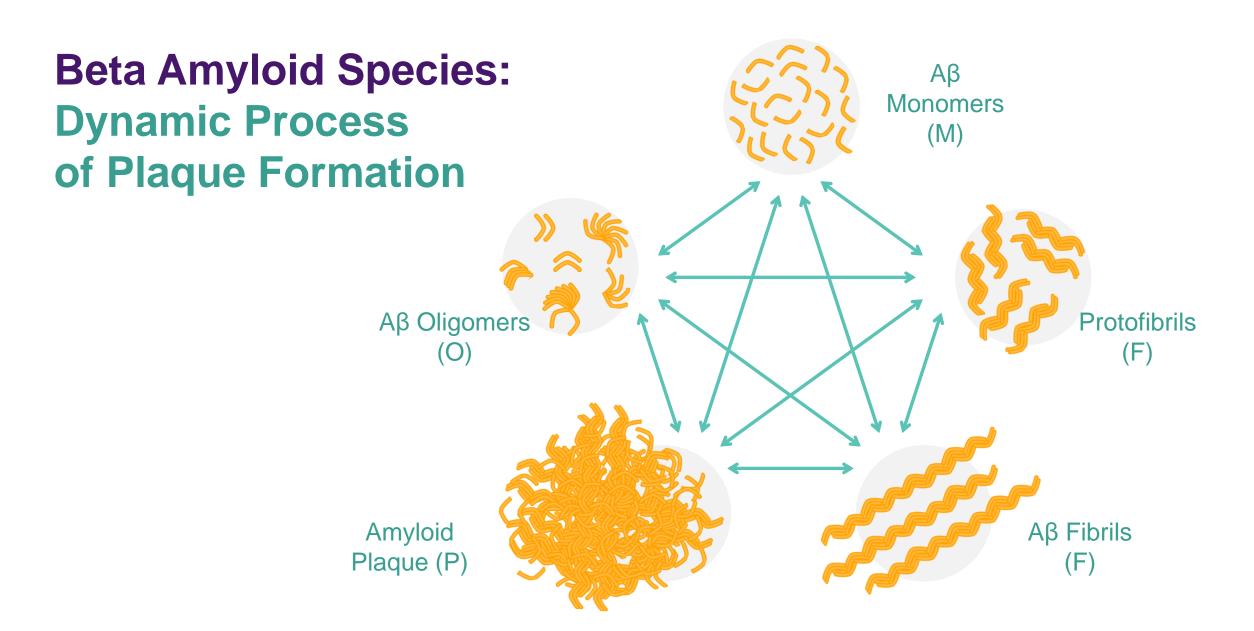


Aducanumab
(Aduhelm™)
Approved in 2021
Targets Beta Amyloid

Limited Availability
Will be Discontinued

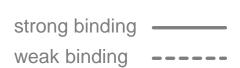
Lecanemab
(Leqembi ™)
Approved in 2023
Targets Beta Amyloid

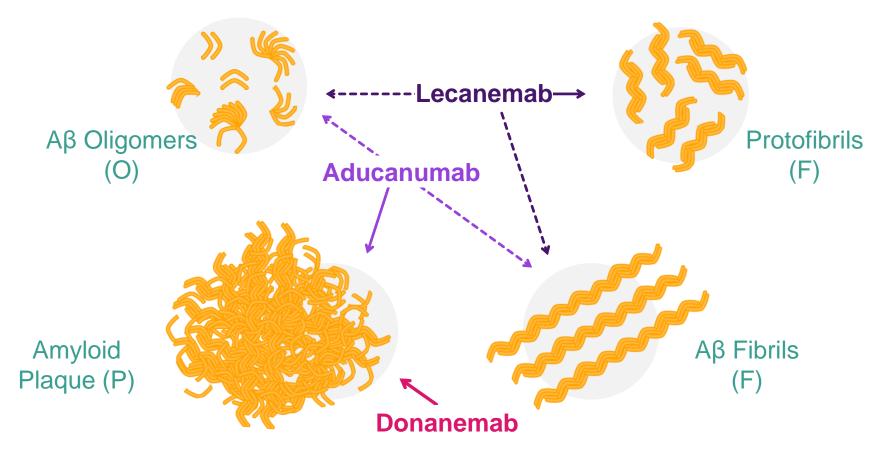
Donanemab
Pending FDA Review
2024
Targets Beta Amyloid



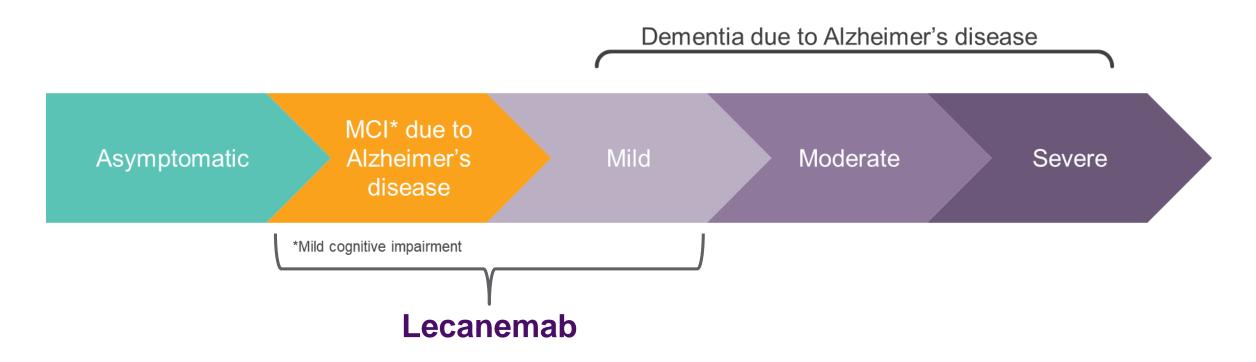
Monoclonal Antibodies (mAbs) Targeting Beta Amyloid







Prescribing Information for Newly Approved Treatments



- Ages 50-90
- Mild cognitive impairment (MCI) due to Alzheimer's OR mild Alzheimer's dementia
- Evidence of a buildup of amyloid plaques in the brain

Prescribing Information for Newly Approved Treatments: Warnings & Precautions (Lecanemab label)

Amyloid Related Imaging Abnormalities

(ARIA): Enhanced vigilance monitoring for ARIA is recommended during first 14 weeks

APOE genetic testing: ARIA risk increased in individuals with two copies of the APOEe4 gene compared to others.

What is Clinically Meaningful?

Alzheimer's & Dementia®
THE JOURNAL OF THE ALZHEIMER'S ASSOCIATION

PERSPECTIVE

Expectations and clinical meaningfulness of randomized controlled trials

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Ronald C. Petersen<sup>1</sup> | Paul S. Aisen<sup>2</sup> | J. Scott Andrews<sup>3</sup> | Alireza Atri<sup>4</sup> | Brandy R. Matthews<sup>5</sup> | Dorene M. Rentz<sup>6</sup> | Eric R. Siemers<sup>7</sup> | Christopher J. Weber<sup>8</sup> Maria C. Carrillo<sup>8</sup>
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- Slowing the progression of Alzheimer's disease rather than halting it, which may come eventually — has measurable and meaningful benefits for patients and their families, especially in early Alzheimer's when cognition and memory are mostly intact.
- Discussions on what is considered clinically meaningful change during a randomized controlled trial will help define our expectations of outcomes from therapeutic interventions in AD.

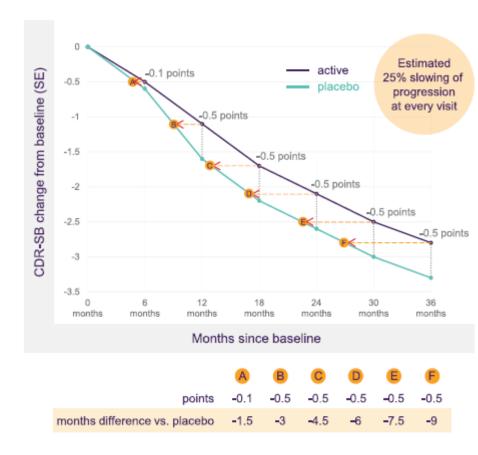


FIGURE 1 A progression model for repeated measures (PMRM), adapted from Raket, ²⁶ illustrates the time savings between a CDR-SB change score at a specific time point and the slowing or delay of disease progression

Leqembi (Lecanemab): Appropriate Use Recommendations

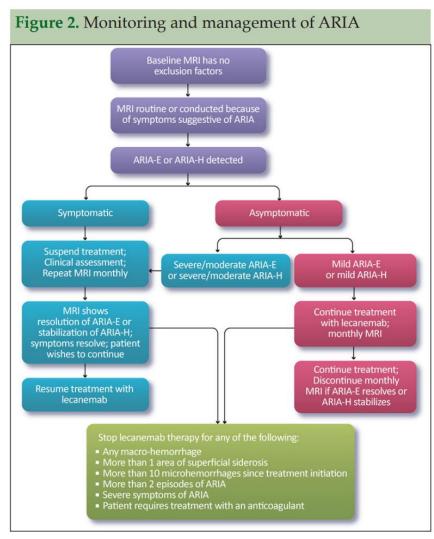
Published in JPAD March 27, 2023 - Over 42K Downloads



J. Cummings¹, L. Apostolova², G.D. Rabinovici³, A. Atri⁴, P. Aisen⁵, S. Greenberg⁶, S. Hendrix⁷, D. Selkoe⁸, M. Weiner⁹, R.C. Petersen¹⁰, S. Salloway¹¹, For the Alzheimer's Disease and Related Disorders Therapeutics Work Group

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Figure 1. MRI monitoring for lecanemab MRI if any symptoms suggestive of ARIA occur T1 T2 T3 T8 T26 T4 T5 T6 T7 T14 W14 W28 W52 MRI prior MRI for MRI within MRI prior MRI prior selected to 5th to 14th 1 year prior to 7th patients infusion infusion to initiation infusion



Leqembi (Lecanemab): Clinician Toolkit and Resources

Based on Published Appropriate Use Recommendations

Patient Eligibility Criteria



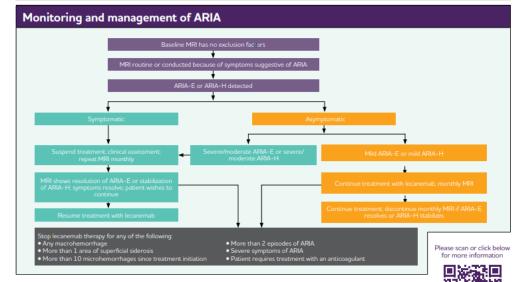
Eligibility Criteria Used in the CLARITY AD Pivotal Trial of Lecanemab	Eligibility Criteria for Lecanemab Treatment From the AUR					
Inclusion Criteria (ie, required criteria for an individual to be considered)						
Diagnosis of MCI or mild AD dementia	Clinical diagnosis of MCI or mild AD dementia					
Objective impairment in episodic memory as indicated by at least 1 standard deviation below age-adjusted mean in the WMS-IV LMII	Clinical diagnosis of MCI or mild AD dementia					
Positive biomarker for brain amyloid pathology	Positive amyloid PET or CSF studies indicative of AD					
50-90 years of age	Physician judgement used for patients outside the 50-90 year age range					
MMSE score >22 at screening and baseline and <30 at screening and baseline	MMSE 22-30 or other cognitive screening instrument with a score compatible with early AD					
BMI >17 and <35 at screening	Physician judgement used for patients at the extremes of BMI					
If receiving an acetylcholinesterase inhibitor (donepezil, rivastigmine, galantamine) or memantine or both must be on a stable dose for at least 12 weeks prior to baseline	Patients may be on cognitive enhancing agents (donepezil, rivastigmine, galantamine, or memantine) for AD; patients may not be on aducanumab					
Unless otherwise stated, participants must have been on stable doses of all other (that is, non-AD-related) permitted concomitant medications for at least 4 weeks prior to baseline	Patients may be on standard of care for other medical illnesses (see below for specifics regarding anticoagulation)					
Have an identified study partner	Have a care partner or family member(s) who can ensure that the patient has the support needed to be treated with lecanemab					
Provide written informed consent	Patients, care partners, and appropriate family members should understand the requirements for lecanemab therapy and the potential benefit and potential harm of treatment					

Management of ARIA



In the CLARITY AD phase 3 trial of lecanemab, rates of ARIA for those on lecanemab were 12.6% for ARIA-E and 17.3% for ARIA-H vs 1.7% and 9.0%, respectively, for those on placebo.

Description of mild, moderate, and severe radiographic ARIA (from the Prescribing Information)							
ARIA Type	Radiographic Severity						
	Mild	Moderate	Severe				
ARIA-E	FLAIR hyperintensity confined to sulcus and/or cortex/subcortex white matter in 1 location <5 cm	FLAIR hyperintensity 5 to 10 cm in single greatest dimension, or more than 1 site of involvement, each measuring <10 cm	FLAIR hyperintensity >10 cm with associated gyral swelling and sulcal effacement. One or more separate/ independent sites of involvement may be noted				
ARIA-H Microhemorrhage	≤4 new incident microhemorrhages	5 to 9 new incident microhemorrhages	10 or more new incident microhemorrhages				
ARIA-H Superficial Siderosis	1 focal area of superficial siderosis	2 focal areas of superficial siderosis	>2 areas of superficial siderosis				



AD, Alzheimer's disease; ARIA, amyloid-related imaging abnormalities; ARIA-E, ARIA with edema; ARIA-H, ARIA with hemorrhagic changes; FLAIR, fluid attenuated inversion recovery; HCP, healthcare provider; MCI, mild cognitive impairment; MRI, magnetic resonance imaging.

Cummings J, Apostolova L, Rabinovici GD, et al. Lecanemab: appropriate use recommendations. J Prev Alzheimers Dis. 2023;10(3):362-377. doi:10.14283/jpad.2023.30

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Donanemab Trial Shows Clear Slowing of Cognitive Decline



Unique aspects

1736 participants with early symptomatic AD with amyloid & low/medium or high tau

Half of participants met threshold of amyloid reduction to stop taking donanemab at 12 months



Key Results

Study met primary and secondary endpoints

Donanemab slowed clinical decline by 35% and 40% in ability to perform activities of daily living

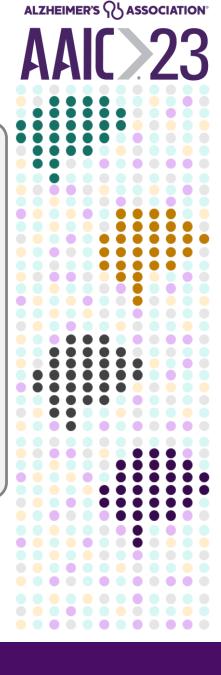
Greater benefit of donanemab in participants with low-medium tau (earlier stage of disease)



Learnings

Early detection & intervention leads to greater benefit

Donanemab will significantly change the course of the disease



TRAILBLAZER-ALZ 2 clinical trial results of donanemab showed **significant slowing** of **cognitive** and **functional decline** in **early** symptomatic **Alzheimer's disease**

Donanemab is currently pending FDA review and waiting for and Advisory Committee meeting date

A New Phase of Treatment

Targets amyloid



Targets amyloid



Targets amyloid



2021

Aducanumab Lecanemab (Aduhelm™) Will be

discontinued 2024

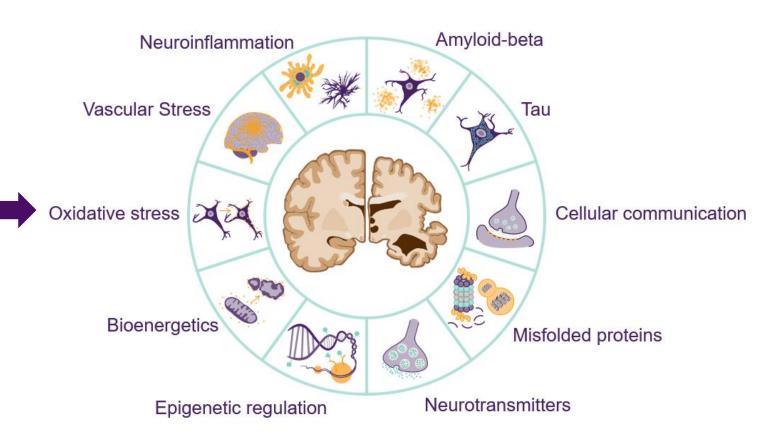
2023

(Leqembi™)

Donanemab

FDA review pending 2024

Today, Over 140 Unique Therapies Being Tested in Clinical Trials that Target Multiple Aspects of Alzheimer's Biology



ALZHEIMER'S DISEASE DRUG DEVELOPMENT PIPELINE: 2023

In 2023, there are

141 UNIQUE THERAPIES in **187** CLINICAL TRIALS

for Alzheimer's disease as registered on clinicaltrials.gov

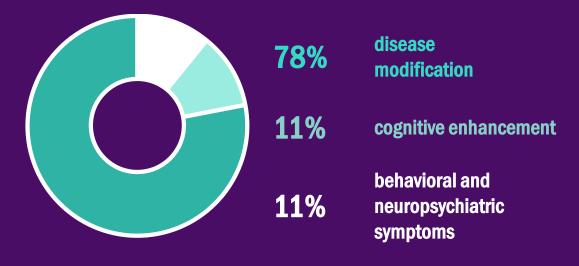
58 new agents have entered the pipeline in the past year



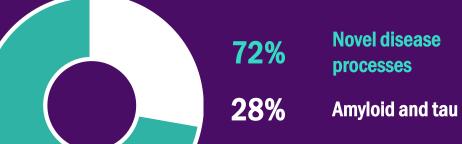
The total number of participants needed to populate all currently active trials (Phases 1, 2 and 3) is

57,465

Targets of agents currently in clinical trials include







Inflammation and synaptic plasticity are the most novel themes in the pipeline

The Future of Alzheimer's and Dementia Diagnosis, Treatment and Care





Alzheimer's Network for Treatment and Diagnostics (ALZ-NET):

A Real World Network to Inform the Future of Alzheimer's Research, Treatment and Care

LAUNCHED AUGUST 2022





ALZ-NET is building an integrated care network for ALL communities supported by real-world data.



A voluntary health care provider-enrolled patient network that collects longitudinal data on patients being evaluated or treated for Alzheimer's disease.



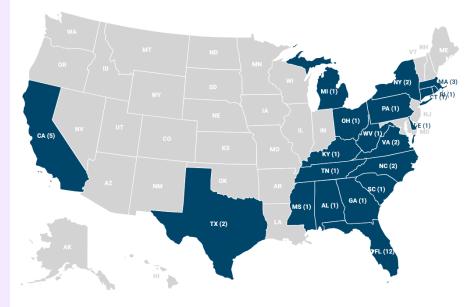
Currently enrolling patients being evaluated for or treated with novel Alzheimer's treatments approved by the FDA in 2021 or after, including treatments that slow disease progression, or address cognition/function, or address neuropsychological/ behavioral symptoms.



Implemented in real-world clinical practice.
Al 7-NFT is **not a clinical trial**.

ALZ-NET will expand and evolve over time

Over 190 sites in various stages of activation and start up



Active Sites

Sites in Start Up

125

Sites in Queue

Patients Registered

Next Invitation Cycle

March 2024

*As of 3/19/24





What is ALZ-NET?

- Multi-site network that will **collect a minimum** core set of regulatory-grade patient data including diagnostic, treatment, measures of cognition, function and safety.
- Collect, archive and share de-identified data including demographic, medical, neurologic, imaging, biomarker, genetic and biospecimens.
- Can collaborate with affiliated studies conducted by academia, industry, federal or ALZ-NET study teams.
- Track health outcomes and resource **utilization** of participants to inform clinical care.

ALZ-NET DATA COLLECTION	SITE START-UP ¹	CASE REGISTRATION ²	BASELINE ³	FOLLOW- UP ³			
Participating Site Characteristics	х						
Site Investigator (Prescribing Clinician) Characteristics	x						
Informed Consent		×					
Eligibility Assessment		x					
Patient Demographics		x					
Concurrent Study Enrollment			х	x			
Patient Characteristics			х	o			
Medical History			х	х			
Lifestyle Data			х	О			
Vital Signs			х	х			
Clinical Features of Co-pathology			х	х			
Additional Measures (Cognitive, Functional, and			x	x			
Behavioral)			-				
AD Diagnosis, Characteristics, and Biomarkers			х	х			
Brain Imaging Clinical Data ⁴			х	х			
Brain Image(s) Transmission ⁵			х	x			
Concomitant Medications			x	x			
AD Treatment and Dosing Log			х	х			
MRI Assessment			х	x			
Healthcare Encounters (Hospitalizations and ER Visits)			х	x			
Adverse Events (AEs)			х	x			
End of Participation (Death, Lost to Follow up, Consent Withdrawn) – only if applicable				х			
x = Required form o = Optional form							







Leveraging ALZ-NET to build RWE for diagnostics and treatments that support future innovative research and ultimately improve health equity and patient outcomes for Alzheimer's disease.

Questions ALZ-NET could address:

- What is the long-term effectiveness of a treatment?
- What are long-term safety considerations?
- Who is most likely to respond well and benefit from different treatments?
- Who is most likely to have treatment-related side effects?
- How do new treatments interact with other medications people are taking?
- What happens when the available treatments target different aspects of the disease?
- Which treatments might work well together as combination therapies?
- And much more.





ALZ-NET is a resource for the community

Included in the Prescribing Information for Aducanumab (Aduhelm™) and Lecanemab (Leqembi™)

WARNINGS AND PRECAUTIONS

Monitoring and Dose Management Guidelines

The Alzheimer's Network for Treatment and Diagnostics (ALZ-NET) is a voluntary provider-enrolled patient registry that collects information on treatments for Alzheimer's disease, including [ADUHELM or LEQEMBI]. Providers may obtain information about the registry at www.alz-net.org or contact alz-net@acr.org.

PATIENT COUNSELING INFORMATION

Patient Registry

Advise patients that the Alzheimer's Network for Treatment and Diagnostics (ALZ-NET) is a voluntary provider-enrolled patient registry that collects information on treatments for Alzheimer's disease, including [ADUHELM or LEQEMBI]. Encourage patients to participate in the ALZ-NET registry [see Warnings and Precautions (5.1)].

MEDICATION GUIDE

General information about the safe and effective use of [ADUHELM or LEQEMBI].

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. You can ask your pharmacist or healthcare provider for information about [ADUHELM or LEQEMBI] that is written for healthcare professionals. There is a registry that collects information on treatments for Alzheimer's disease. The registry is named ALZ-NET (Alzheimer's Network for Treatment and Diagnostics). Your healthcare provider can help you become enrolled in this registry





ALZ-NET Affiliated Coverage with Evidence Development (CED) Study

- ALZ-NET is approved by the Centers for Medicare and Medicaid Services (CMS) as a Coverage with Evidence Development (CED) study and can be used as a pathway to Medicare coverage for anti-amyloid Alzheimer's therapies that have received traditional FDA approval.
- The principal purpose of the study is to investigate the longterm effectiveness and safety of new treatments and whether these treatments improve patient health outcomes.
- This is the first of ALZ-NET's affiliated studies that utilizes the infrastructure of the national ALZ-NET provider-enrolled patient registry protocol to conduct specific and detailed analysis on ALZ-NET data.



Medicare Coverage for New Alzheimer's Drugs Things to know for people with Medicare

As of July 6, 2023, Medicare covers a new type of medication to treat Alzheimer's disease more broadly. The Food and Drug Administration (FDA) gave traditional approval to the first drug of this kind, Legembi (generic name lecanemab), for treatment in July 2023.

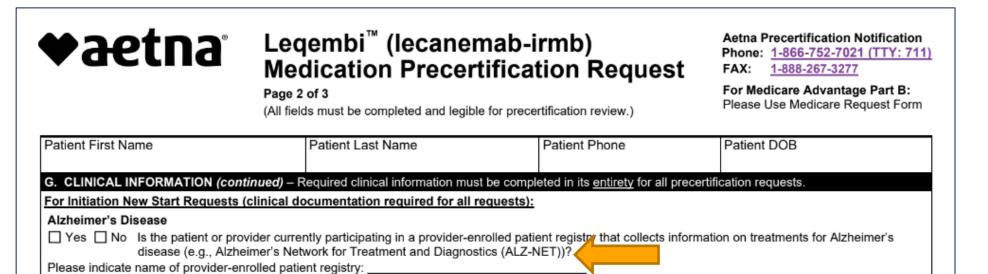


Medicare Billing - Coverage with Evidence Development (CED)

January 2024



Private Payers Also Including ALZ-NET as Registry Example





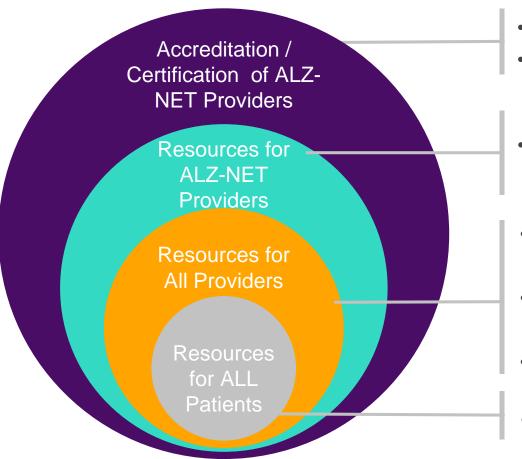
- Prescriber attests that the prescriber's site is currently registered or will seek registration with the Alzheimer's Network for Treatment and Diagnostics (ALZ-NET) or other comparable patient registry that collects information on treatments for Alzheimer's disease, including Leqembi; and
- o Legembi dosing is in accordance with the United States Food and Drug Administration approved labeling; and
- Initial authorization will be for no more than 6 months

For continuation of therapy, all of the following:

- Patient continues to have one of following diagnoses based on National Institute on Aging and the Alzheimer's Association (NIA-AA) criteria^{22,55}:
 - Mild cognitive impairment (MCI) due to Alzheimer's disease; or
 - Probable Alzheimer's disease dementia



Creating an environment for better clinical care



- Site accreditation and certification for ALZ- NET providers
- Quality improvement programs, including reporting of site benchmarking in the context of local and national care standards
- Specially developed CME/CEU/training for all levels of staff of various specialties (e.g., NPs, APPs, neurologists, radiologists, and others)
- Compiled Guidelines/AUR/AUC for assessment, diagnosis, treatment, and care
- Access to CME, including material developed by ALZ Association, ASNR, ACR, and others
- Partner to enhance care and improve clinical outcomes
- Offer education and support resources for patients and families





ALZ-NET will lead the way through innovation and by building an integrated care network for ALL communities supported by real-world evidence (RWE).

Improves provider practice

Increases quality care planning and treatment

Improve patient experience

Drive health equity through inclusive science



Addressing provider hesitancy

Reduces provider burden

Increases our comprehensive understanding

Accelerates ability to evaluate novel and combination therapies

Supports quality improvement strategies



1 In Summary...

- Exciting time in research
 - A paradigm shift for diagnosis and staging
 - New tools for detection and diagnosis
 - New approved treatments
 - Growing diversity of therapies under investigation
 - RWD / RWE are the next frontier
- It is a NEW ERA of Research, Diagnosis, Treatment & Care



Vision: A world without

Alzheimer's disease

and all other dementia.™

1-800-272-3900



ALZ.ORG

