UNDERSTANDING RISK FACTORS for Alzheimer's Disease and Related Dementias

Dementia results from a variety of diseases and injuries that affect the brain. Alzheimer's disease (AD) is the most common cause of dementia contributing to 60-80% of cases.1

AD is a progressive neurodegenerative disorder that results in increasingly debilitating cognitive, functional, and behavioral impairments.²

The number of people living with AD and related dementias is expected to substantially increase over the coming decades.^{1,3}

of people in the US

aged 85 or older have AD dementia

Nonmodifiable Risk Factors for Alzheimer's Disease¹



Age (Greatest risk factor)¹



of people in the US aged 65 to 74 have AD dementia



of people in the US aged 75 to 84 have AD dementia

33.4%

Note: Age alone does not cause AD, nor is it a normal part of aging.

Genetics^{1,4}

Of genes that increase The risk of developing AD increases with one ε 4 copy ~15-25% of people risk, APOE ɛ4 has the and even more with two copies compared to $\varepsilon 2$ or ΑΡΟΕ **ε4** have one $\varepsilon 4$ allele, and strongest impact on the ε 3 forms, but having ε 4 form doesn't guarantee an 2-5% have two copies. risk of late-onset AD. individual will develop AD dementia in their lifetime. **AD Risk Impact** The ε 3 allele (the most common) ΑΡΟΕ ε3 is thought to be neutral in terms **Everyone inherits one of three** of AD risk. alleles of the APOE gene from each parent— **2, 23, or 24** The $\varepsilon 2$ allele may be protective ΑΡΟΕ **ε2** (decreased risk); ~5-10% of people have this allele.



Family History¹

Having a first-degree relative with AD increases risk independent of genetic risk factors such as APOE £4, but AD can also occur without any family history.

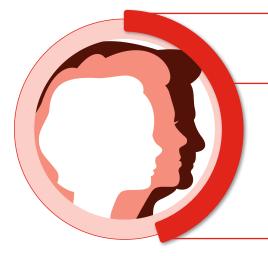


Modifiable Risk Factors

for Dementia³

Up to 45% of Dementia Cases May Be Attributable to 14 Potentially Modifiable Risk Factors³

Early Life



Less education (5%*)

Midlife

Hearing loss (7%*)
High LDL cholesterol (7%*)
Depression (3%*)
Traumatic brain injury (3%*)
Smoking (2%*)

Physical inactivity (2%*) Diabetes (2%*) Hypertension (2%*) Obesity (1%*) Excessive alcohol consumption (1%*)

Late Life

Social isolation (5%*) Air pollution (3%*) Untreated vision loss (2%*)



of older adults in the US who received a dementia diagnosis received it from a PCP.⁵

Primary care practitioners (PCPs) follow patients across their lives and are uniquely positioned to screen, detect, and inform patients about AD risk factors.⁵

7 lifelong goals to monitor⁶



Nonsmoking status

Untreated blood pressure < 120/<80 mm Hg

Physical activity



Untreated total cholesterol <200 mg/dL

Body mass index <25 kg/m²



Healthy diet



Fasting blood glucose < 100 mg/dL

Addressing tomorrow's dementia risk starts today. Learn more at: medical.lilly.com/us/diseases/cognitivehealth

*Indicates the potential reduction in dementia cases if this risk factor is eliminated.

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