

TOCÖVID™
SupraBio™

FOR MILD COGNITIVE
IMPAIRMENT (MCI)

**EARLY
ACTIONS
REDUCE
RISK
OF
DEMENTIA**



EACH YEAR, 10% TO 15% OF INDIVIDUALS WITH MCI
GO ON TO DEVELOP DEMENTIA¹

EARLY PROTECTION with TOCOVID PROMEMO TO SUPPORT BRAIN HEALTH

HOW IT WORKS ?

WML

PROTECT
Brain Cells from Damage

Reduce White
Matter Lesion
(WML)

**Palm Tocotrienols
Suprabio 200mg**
attenuates the progression
of WML⁴

CH3

BOOST
Brain Cognitive Function

Improve
Cognition

Folic Acid promotes
methylation pathway
to increase brain
neurotransmitters
production⁵

HCY

FIGHT
against HCY Damage

Reduce
Brain Atrophy

Anti-HCY Vitamin Bs
fight against
brain cell destruction⁶

TOCOVID PROMEMO

CLINICALLY PROVEN FOR BRAIN HEALTH

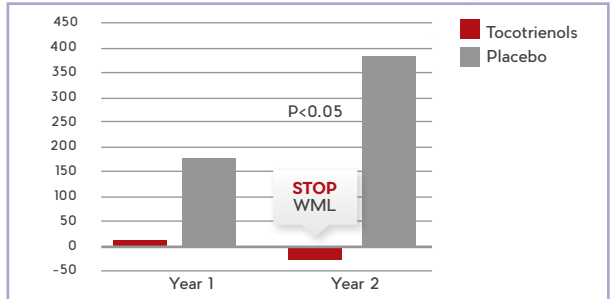
PROTECT

BOOST

FIGHT

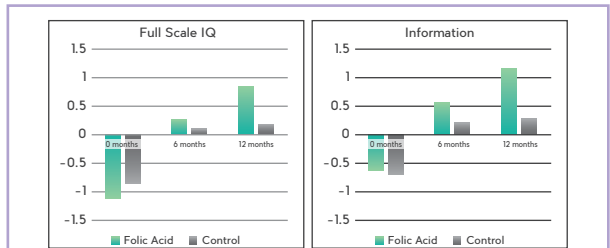
1. Palm Tocotrienols **PROTECT** brain cell from damage

A clinical study proves that Palm Tocotrienols 200mg could **stop progression of WML formation from year 1.**⁴



2. Folic Acid **BOOSTS** brain performance

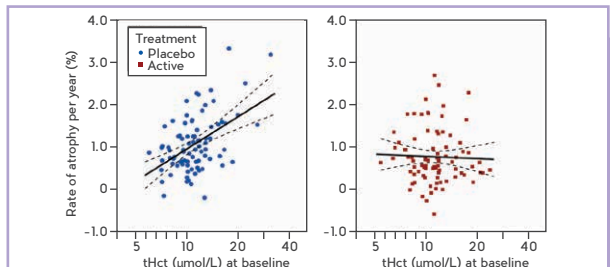
A randomized clinical trial proves that daily oral administration of a 400- μ g folic acid supplement to MCI subjects for 12 months can **significantly improve cognitive performance.**⁵



Folic acid significantly improved the Full Scale Intelligence Quotient (IQ) and Information at 12 months

3. Anti-HCY Vitamin Bs **FIGHT** against brain cell destruction

Vitamin B6, B12 and Folic Acid at high dose are clinically proven to **reduce brain atrophy by reducing homocysteine (HCY) level** in brain.⁶



A reduction of brain atrophy by almost 30% by receiving vitamin Bs' treatment

START EARLY with TOCOVID PROMEMO to Support Brain Health



PROTECT

200mg Mixed Palm Tocotrienols Suprabio Maximize Brain Cells Protection

- Anti-inflammatory & Antioxidant
- Arteriogenesis properties



BOOST

400µg Folic Acid Stimulate Brain Performance

- Increase brain neurotransmitter functions



FIGHT

10mg B6, 250µg B12 & 400µg Folic Acid Fight Against Brain Cell Destruction

- Reduces neurotoxic damages caused by high HCY level



Dosage & Administration:

ONE softgel a day



for early stage of MCI

TWO softgels a day



for moderate to severe stage of MCI

References:

1. Morley JE. Mild Cognitive Impairment—A Treatable Condition. Journal of the American Medical Directors Association. 2014;15(1):1-5. 2. Alzheimer's Association. Mild Cognitive Impairment (MCI)[Internet]. 3. Progression of Alzheimer's. <https://www.mccare.com/education/alzprogression.html>. 4. Gopalan Y, Shuaib IL, Magosso E, Ansari MA, Bakar MRA, Wong JW, et al. Clinical Investigation of the Protective Effects of Palm Vitamin E Tocotrienols on Brain White Matter. Stroke. 2014;45(5):1422-8. 5. Folic acid supplementation improves cognitive function by reducing the levels of peripheral inflammatory cytokines in elderly Chinese subjects with MCI. Sci. Rep. 6, 37486; doi: 10.1038/srep37486 (2016). 6. Smith AD, et al. Homocysteine—Lowering by B Vitamins Slows the Rate of Accelerated Brain Atrophy in Mild Cognitive Impairment: A Randomized Controlled Trial. PLoS ONE. 2010;5(9).



Mild Cognitive Impairment (MCI)

causes a slight but noticeable and measurable decline in cognitive abilities, including memory and thinking skills.²

Approximately **15% to 20%** of people age 65 or older have MCI.³

Progression of MCI TO Alzheimer's³

MILD COGNITIVE IMPAIRMENT



Duration:
7 years

Disease begins in
Medial
Temporal Lobe

MILD ALZHEIMER'S



Duration:
2 years

Disease spreads
to Lateral
Temporal &
Parietal Lobes

MODERATE ALZHEIMER'S



Duration:
2 years

Disease
spreads to
Frontal
Lobe

SEVERE ALZHEIMER'S



Duration:
3 years

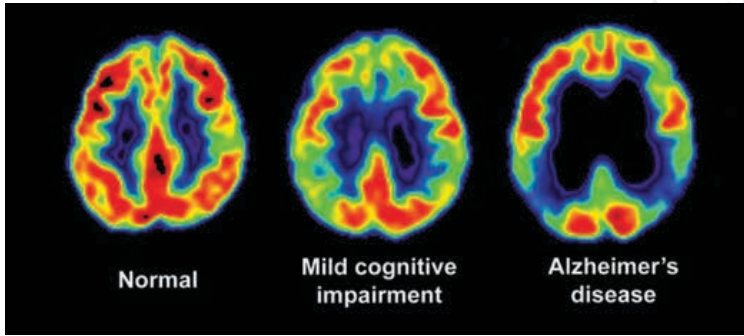
Disease
spreads to
Occipital
Lobe

According to *Dement Geriatr Cogn Disord* 2006;22:312-319

3 years follow up of MCI PATIENT

65% progressed to Dementia | **24%** Death

Amyloid PET Imaging Changes from MCI into Dementia



Increased in **White Matter Lesion (WML) & Brain Atrophy** accelerates the conversion to Alzheimer's^{4, 6}

SIGNS AND SYMPTOMS OF MCI VS DEMENTIA³

MCI	VS	DEMENTIA
<ul style="list-style-type: none"> • Newly aggravating issues with memory • Taking longer time to perform more difficult mental activities • Difficult in solving complex problem or making decision • Having more trouble coming up with words than other people of the same age 		<ul style="list-style-type: none"> • Memory loss • Mentally decline severe enough to disrupt daily life • Inability to reason • Inability to learn new information • Difficulty in planning and organizing • Change in behaviour and personality • Loss of interest in activities