

# WHEN ALZHEIMER'S TREATMENTS ARRIVE, HOW PREPARED WILL KOREA BE TO MEET DEMAND?

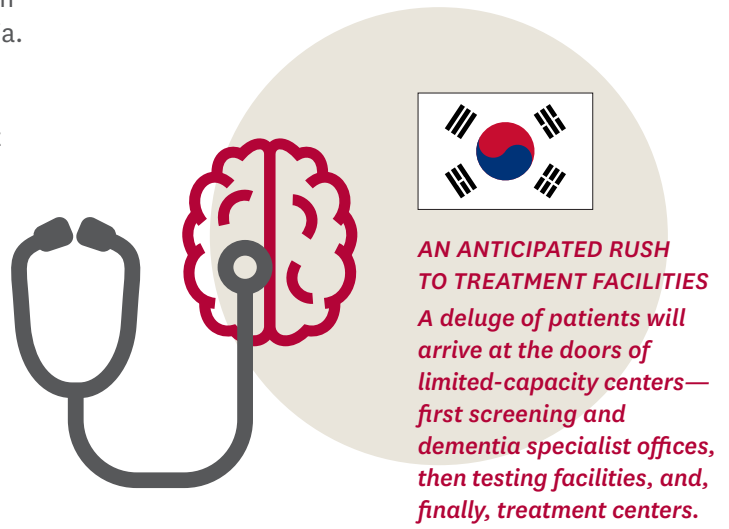
## AN ASSESSMENT OF KOREA'S HEALTH CARE INFRASTRUCTURE

### Early intervention is the key

All evidence suggests that Alzheimer's disease must be treated in its early stages to prevent the progression to full-blown dementia. There is hope that one or more drug therapies with that effect may become available by 2022. However, preventive treatment of Alzheimer's disease implies a complex patient journey. At that point, a complex patient journey will start—sending those over the age of 50 on a four-part path, involving various specialists with multiple appointments at different facilities, to:

- 1. Screen** for mild cognitive impairment (MCI).
- 2. Evaluate** for potential Alzheimer's disease.
- 3. Test** for signs of brain pathology.
- 4. Treat** with intravenous (IV) infusion therapy.

Ideally, this process would happen as quickly as possible to prevent progression, but is Korea's healthcare system ready? Projections based on a simulation model suggest otherwise.



### Millions of patients would need to be seen

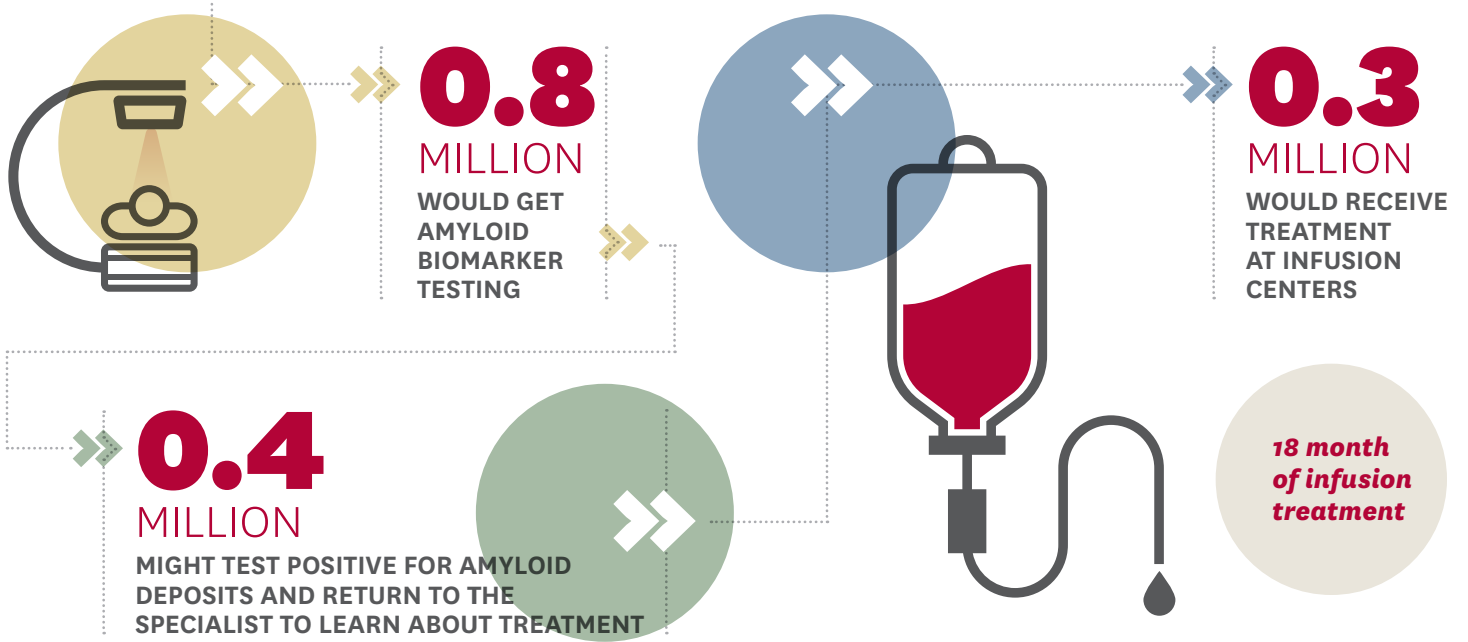
Of the 14.4 million people 50 years and older who are eligible

**7.2 MILLION**  
WOULD GET SCREENED IN A DOCTOR'S OFFICE

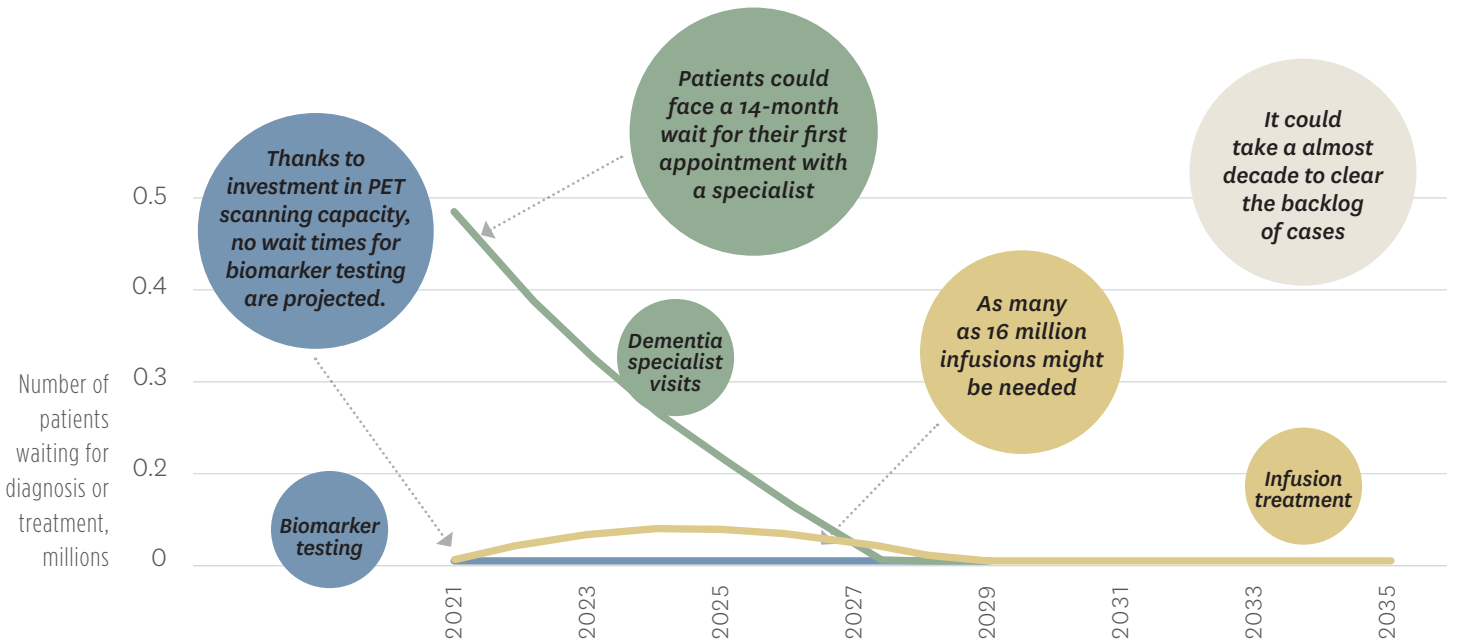


1.8 million who screen positive for MCI

**0.9 MILLION**  
WOULD SEE A DEMENTIA SPECIALIST FOR EVALUATION



### Wait lists might be extensive



### Increased capacity could avoid unnecessary disease progression

With a 20% increase in capacity for specialist appointments an additional

**39,000**  
(SCENARIO 1)  
PEOPLE WOULD NOT DEVELOP ALZHEIMER'S DEMENTIA



With enough capacity for dementia specialist appointments and infusion delivery an additional

**130,000**  
(WITH ALL CONSTRAINTS REMOVED)  
PEOPLE WOULD NOT DEVELOP ALZHEIMER'S DEMENTIA

### Action is needed to reduce capacity constraints

- » LEVERAGE DEMENTIA CENTERS FOR CASE FINDING AND TRIAGE AND INTRODUCE BLOOD TEST.
- » EXPAND BRIEF TRAINING PROGRAMS FOR PHYSICIANS INTERESTED IN DEMENTIA CARE.
- » UTILIZE ALL OPTIONS FOR INFUSION THERAPY, INCLUDING THE HOME SETTING.
- » ENSURE APPROPRIATE COVERAGE OF SERVICES AND TESTS.