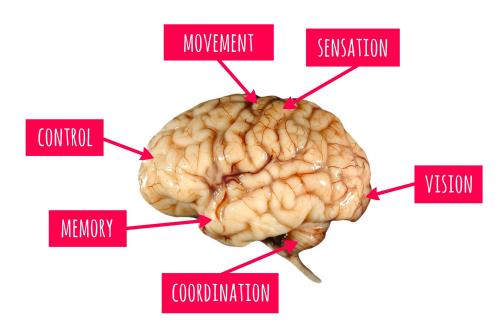


Healthy Brain Aging & Unhealthy Brain Aging



Our brain undergoes changes as it ages, like every organ

By age 80, our brain weighs less, receives less blood flow, and has fewer nerve fibers

These changes in the brain can result in changes in our ability to remember names, focus on a task, walk with perfect balance, etc.



Healthy Brain Aging & Unhealthy Brain Aging



Dementia is NOT Part of Normal Aging. Early Diagnosis is Crucial

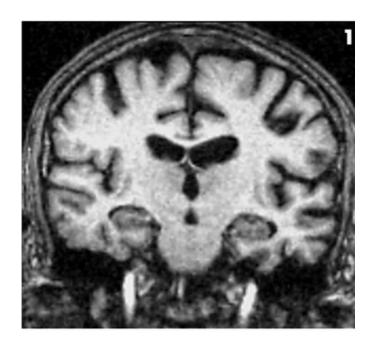
The brain can develop diseases that cause abnormal cognitive decline or worsen age-related cognitive decline

These diseases can occur across different ages

They can lead to dementia, the inability to care for self because of cognitive issues



Early Changes



Forgetting TV show from yesterday

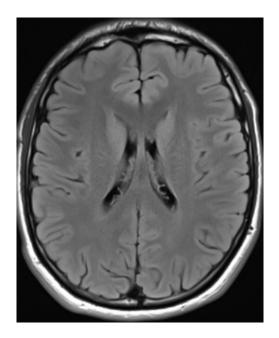
Advanced Changes



Forgetting Who Grandchildren are

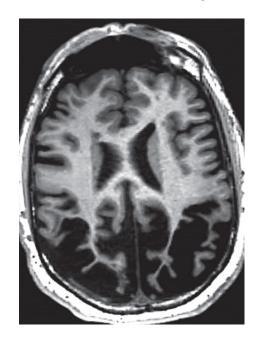


Early Changes



Mild Difficulty Finding Way Home

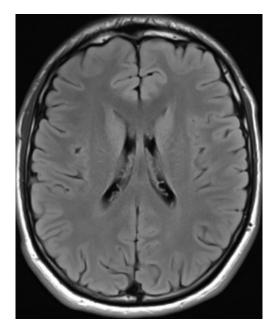
Advanced Changes



Inability to See Objects 2 Feet Away

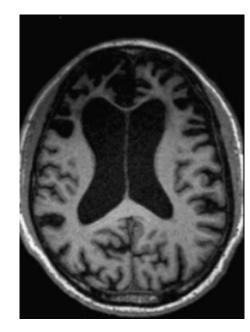


Early Changes



Occasional Inappropriate Joke

Advanced Changes



Swearing at Strangers in Public



How are Diseases, like Alzheimer's, That Cause Dementia Diagnosed?



Neurological Exam

Neuropsychological Testing

Brain Imaging & Blood Tests

Special Tests

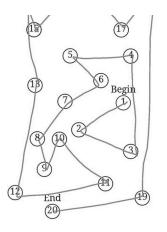


Neurological Exam & Neuropsychological Testing



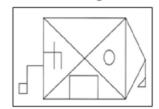




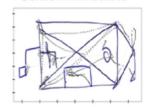


1	2	3	4
red	red	XXX	yellow
yellow	yellow		
green	green	XXXXX	red
red		XXX	yellow
blue	blue	XXXX	red
green	green	XXXXX	blue
yellow	yellow		
blue		xxxx	green
green		XXXXX	red
red	red	XXX	blue
blue	blue	xxxx	yellow
yellow	yellow		



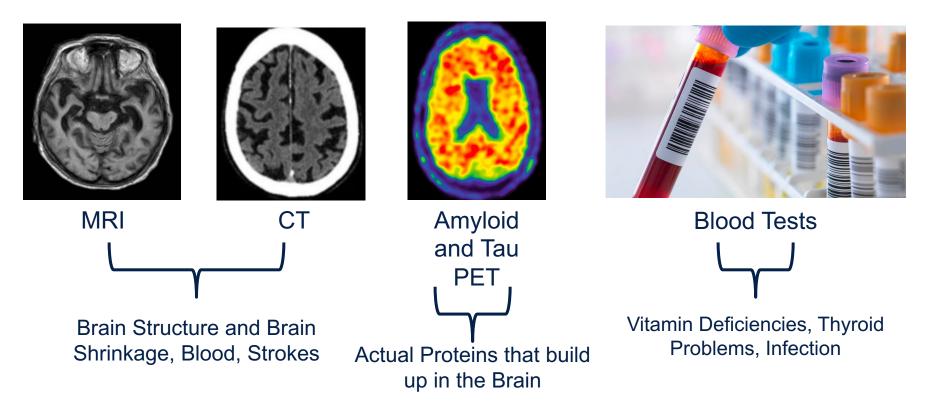


Benson Immediate





Brain Imaging & Blood Tests

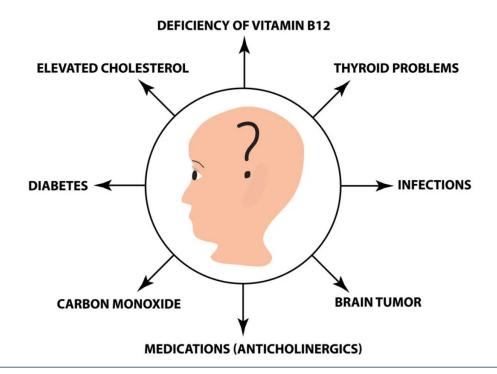




- Identify Treatable Causes of Dementia
- Medications are more effective when dementia is less severe
- Non-drug interventions are more effective at slowing progression when dementia is less severe
- More time available for medical/financial planning
- More time to plan for enjoyable activities
- Qualify for Disability if still working
- Improve Safety at home and support

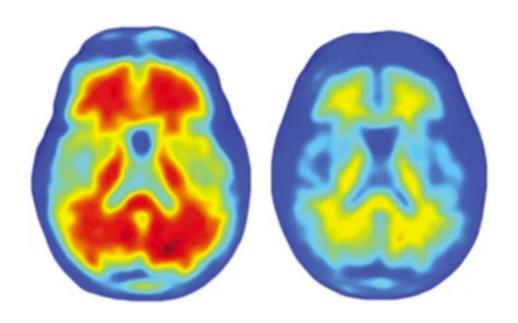


Identify Treatable Causes of Dementia and Treat





Newest Therapies for Alzheimer's



The New York Times

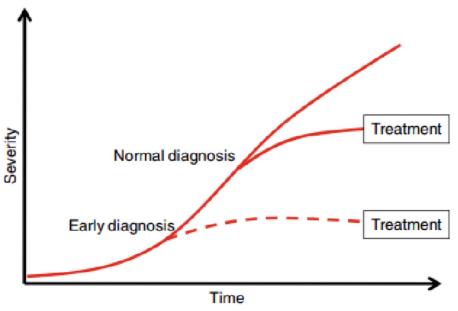
F.D.A. Approves New Treatment for Early Alzheimer's

The drug, Leqembi, may modestly slow cognitive decline in early stages of the disease but carries some safety risks. Still, data suggests it is more promising than the small number of other available treatments.



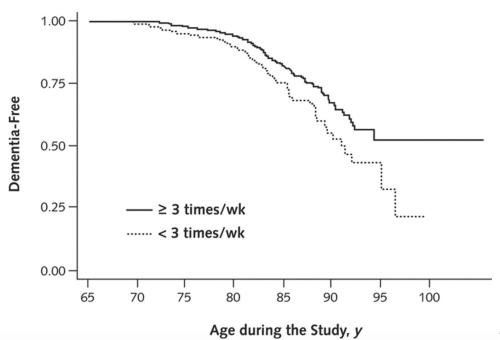


Medications are more effective when dementia is less severe



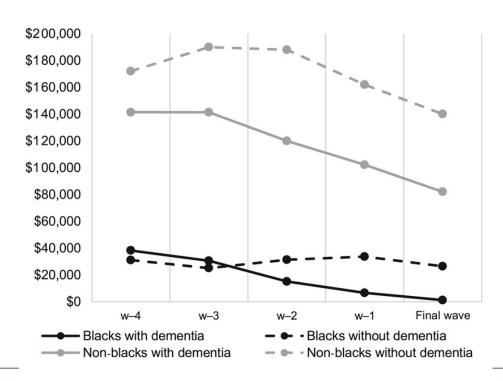


Non-drug interventions are more effective at slowing progression when dementia is less severe





More time available for medical/financial planning





More time to deliberately plan for enjoyable activities







Improve Safety at home and support





Take Home Points

- Our brains age just like the other parts of our body
- As our brains age, they can sometimes develop disease that affects our memory and thinking
- There are many different tests that can be used to understand why someone has experienced changes in memory and thinking
- There are many benefits to diagnosing early!!
- If you or someone you know is experiencing changes in memory and thinking, DON'T WAIT! SEE THE DOC!



Questions?

Email: Charles.Windon@ucsf.edu

Phone: 310-702-9297





University of California San Francisco