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#### Thanks for the Information

- "Memory loss" is highly influenced by personal and contextual factors
  - o Aging stereotypes
  - Sense of self-efficacy
- Memory complaints increase with age but do not necessarily correlate with cognitive decline
- Older adults may experience changes in the brain just as they experience other changes in the body
  - o Focus/attention
  - o Multi-tasking
  - $^{\circ}$  Speed of recall
- Some elements of brain function remain unchanged throughout the lifespan
  - Vocabulary and reading
  - Reasoning and procedure

## Thanks for the Brain

- 80+ billion nerve cells
- Hundreds of trillions of connections
- Nerve signals can travel (the equivalent of) 268 MPH
- May utilize up to 30% of your body's available resources

- Reaches maximum volume in early adulthood
  - New nerve cell growth, connections, and learning can continue
- Very compartmentalized and specialized
  - Use and stimulation throughout the lifespan may affect how the brain functions in later life

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# Thanks for the Nutrition

- ° Vary diet with lean meats, fish, fruits, vegetables, whole grains, and low-fat dairy
  - o Emphasis on fruits and vegetables
  - o Emphasis on Omega-3 fatty acids
  - o Emphasis on BVitamins, Vitamin C, and Vitamin E
- Hydration
  - Water
  - o Decaffeinated coffees and teas
  - o 100% fruit juices
  - Low-fat dairy
- $^{\circ}$  Try to minimize heavily processed foods that may be high in things like added sodium and sugars

# Thanks for the Medications

- Many medications may affect brain function, concentration, and/or ability to concentrate
  - o Pain medications
  - o Anti-depressants
  - o Antihistamines
  - Sleep aids
  - o and on and on
- o Drug-drug interactions may cause unintended side-effects
- Discuss all medications, prescription and over-the-counter, with all your health providers
- o Beware "memory pills" and "miracle" cures

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## Thanks for the Health

- Memory complaints are more closely linked to affective and personality variables than objective performance
  - o Stress
  - o Anxiety
  - o Depression
- o Good health status overall is good for your brain
  - ° Prevent/manage chronic conditions such as diabetes, hypertension, etc.
- o Physical activity is good for your body and your brain
  - o Increases the flow of blood and Oxygen
  - o Affects vasculature and neurogenesis

# Thanks for Talking to your Health Provider

- ° Be open and honest with your health provider about all your health concerns
- Talk to your health provider when memory concerns or issues begin to interfere with independent function
  - Forgetting how to carry out everyday tasks: handling money, paying bills, etc.
  - o Decline in ability to plan and/or organize
  - o Getting lost in familiar places
  - o Not able to recall the names of loved ones

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# Thanks for the Tips & Tricks

- o Confidence
- o Establish a routine
- Minimize distractions
- Social interaction
- Physical activity
- Relax and reflect

- Train your brain
  - Memory
    - Organization, visualization, and association
  - Reasoning
    - Finding patterns in letters, numbers, and series
  - o Speed of processing
    - o Identifying objects quickly
    - Recalling information

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#### Thanks for the Additional Resources

- o Memory, Forgetfulness and Aging: What's Normal and What's Not
  - ° https://www.nia.nih.gov/health/memory-forgetfulness-and-aging-whats-normal-and-whats-not
- o Noticing Memory Problems? What to Do Next
  - ° https://www.nia.nih.gov/health/noticing-memory-problems-what-do-next
- Understanding Memory Loss
  - https://order.nia.nih.gov/publication/understanding-memory-loss-easy-to-read-booklet
- o Exercise and Physical Activity
  - o https://www.nia.nih.gov/health/exercise-physical-activity





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Thanks for the Questions