

healthy living for your brain and body

tips from the latest research



Program overview

- Identify the reasons for taking care of yourself as you age
- List strategies to age well in the following areas:
 - Physical health and exercise
 - Diet and nutrition
 - Cognitive activity
 - Social engagement
- Make your own plan for healthy aging using the *Healthy Living for Your Brain and Body: Tips from the Latest Research* workbook

2

Aging and health

- Aging well depends on your:
 - Genes
 - Environment
 - Lifestyle
- Lifestyle choices may help keep your body and brain healthy



3

The brain and how it works



- The brain is the control center of the body
- There are 100 billion nerve cells, or neurons, creating a branching network
- Signals traveling through the brain form memories, thoughts and feelings
- Alzheimer's disease destroys brain cells

4

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Heart-brain connection

- Heart and brain are interrelated
 - What you do to protect your heart can also help your brain continue to operate at its best
- The brain needs blood flow
 - The brain depends on oxygen and adequate blood flow to work well
 - 25% of blood from every heartbeat goes to the brain

5

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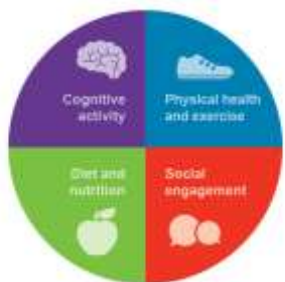
Dementia and Alzheimer's

- Dementia is caused by many different diseases and conditions
- It is not part of normal aging
- Alzheimer's disease is most common cause of dementia
- Known risks for Alzheimer's includes age, genetics, head injury, cardiovascular factors and fewer years of formal education
- Therapies for Alzheimer's can treat symptoms, but cannot cure, prevent or even slow disease progression

6

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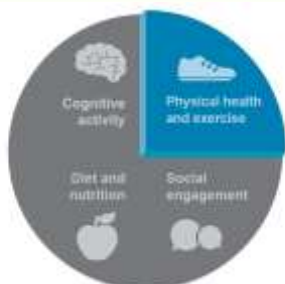
Taking care of yourself as you age



7

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Physical health and exercise



8

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Physical health and exercise

What we know

- Cardiovascular activity may reduce your risk of cognitive decline
- Regular and vigorous exercise leads to increased blood flow – other physical activities may also yield benefits
- There is no single recipe

9

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Woodley discusses developing exercise as a habit in his life.

10

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Physical health and exercise

What we can do

- Do something you like
- Start out small
- Move safely
- Get your heart rate up
- Ask friends to join you
- Check with your doctor before you start



11

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Physical health and exercise

What we can do

- Stop smoking
- Avoid excess alcohol
- Get adequate sleep
- Avoid head injury
- Manage stress
- Treat depression
- Visit your doctor regularly



12

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Physical health and exercise

What we can do

Monitor numbers and take action

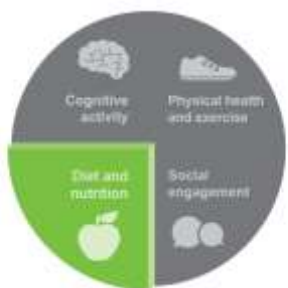
- Blood pressure
- Blood sugar
- Weight
- Cholesterol



13

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Diet and nutrition



14

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Diet and nutrition

What we know

- What's good for the heart may also be good for the brain
- Nutritious food is fuel for the brain
- Following some dietary guidelines can reduce your risk of heart disease, cancer, Parkinson's disease, Alzheimer's disease, stroke and diabetes

15

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Martha Clare Morris, Sc.D., is the Director of the Section of Nutrition and Epidemiology in the Department of Internal Medicine at Rush University.

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Diet and nutrition

What we can do


<p>EAT</p> <ul style="list-style-type: none"> • Vegetables • Fruits • Nuts, beans and whole grains • Lean meats, fish and poultry • Vegetable oils 	<p>AVOID</p> <ul style="list-style-type: none"> • Saturated/trans fats • Processed foods • Solid fat, sugar and salt • Deep-fried foods • Unhealthy fast foods
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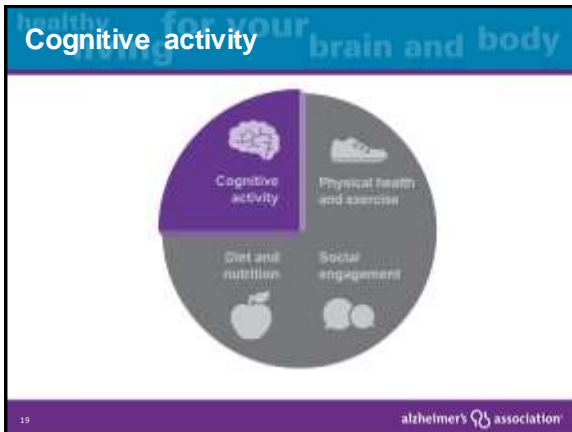
Diet and nutrition

What we can do

- Consult reputable sources about:
 - Dietary supplements
 - Vitamins
- Work with your doctor



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- ### Cognitive activity
- What we know**
- Keeping your mind active forms new connections among brain cells
 - Cognitive activity encourages blood flow to the brain
 - Mentally stimulating activities may possibly maintain or even improve cognition
 - Engaging in formal education will keep your brain healthy and can provide protection against developing dementia
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Cognitive activity

What we can do

- Read books and articles that challenge and inspire you
- Complete puzzles and play games that are challenging for you
- Learn new skills or hobbies
- Engage in ongoing learning



22

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Social engagement



23

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Social engagement

What we know

- Social engagement is associated with living longer with fewer disabilities
- Staying engaged in the community offers you an opportunity to maintain your skills
- Remaining both socially and mentally active may support brain health and possibly delay the onset of dementia

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Social engagement

What we can do

- Visit with friends and family
- Engage with others
- Stay involved in the community
- Volunteer outside the home
- Join a group or club



25

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Putting all four pieces together

Take care of your health

- Get moving
- Eat right
- Keep your mind active
- Stay connected with others



Combine all four to achieve maximum benefits

26

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William Thies, Ph.D., is the Senior Scientist in Residence in the Medical and Scientific Relations Department of the Alzheimer's Association's National office.

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27

What you can do NOW

- Begin today
- Start small and build
- Do what you enjoy and stick with it
- Make healthy choices
- Make a plan
- Get support from others
- Have fun



28

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Be a savvy consumer

- If it's too good to be true – it's probably *not* true!
- Be cautious when you hear huge promises or reports of miracle cures
- Do thorough research
- Consult trusted, reputable professionals
 - Your doctor
 - Your local pharmacist
 - The Alzheimer's Association

29

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Contact us – we can help



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- Alzheimer's Navigator
- Community Resource Finder
- ALZConnected
- Alzheimer's and Dementia Caregiver Center
- Safety Center



800.272.3900

- 24/7 Helpline – Available all day every day



alz.org/findus

- Support groups, education programs and more available in communities nationwide



training.alz.org



- Free online education programs available at training.alz.org

30



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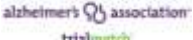

Get involved

volunteer

advocate

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Additional resources

Programs in community

- Local Area Agency on Aging
- Local senior centers
- Community park programs
- Local health clubs, YMCAs and YWCAs

National resources

- National Institutes of Health/ National Institute on Aging
 - "What's on Your Plate?"
 - "Go4Life"
- Administration on Community Living
 - "Brain Health as You Age"
- U.S. Department of Agriculture: Cooperative Extension System
- Centers for Disease Control and Prevention

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Questions?

Alzheimer's Association
We're here. All day, every day.

24/7 Helpline: 800.272.3900

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