

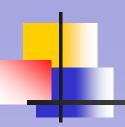


#### Walk Yourself to Health Part I

Lorayne Barton, MD, MPH

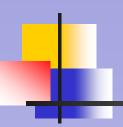
**Power for Health** 

LBarton@adventistfaith.com



### Exercise –What is it?

 Exercise is a planned, structured and repetitive bodily movement produced by skeletal muscles that requires energy expenditure.



#### Exercise –Who needs it?

 Most people believe it is important to exercise, but for the majority of people during the last century exercise has decreased

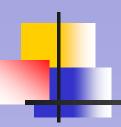


## God's Plan for Exercise

God gave man work to do in a garden

The work was mainly physical

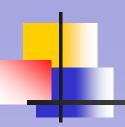
■ The work was pleasant, outdoors



### God's Plan for Exercise

 The work helped man to have a purpose in life—to provide for himself and family

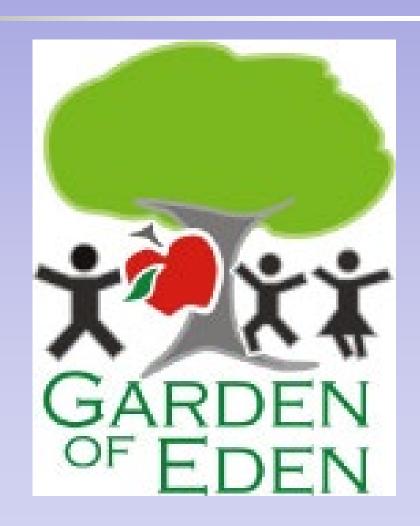
■ The work helped man stay healthy

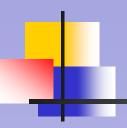


#### Man's First Job

The Lord God took the man and put him in the Garden of Eden to work it and take care of it.

Gen 2:15





#### Exercise

■ For some people exercise sounds too much like work, so less than 1/3 of people actually participate in any planned exercise

# Exercise: Is it Really Necessary?

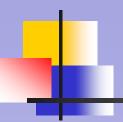




Not only is it necessary, it is essential for health.

### Work To Retire, Tired of Work

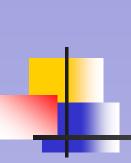




### Rxercise

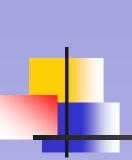


Planned, structured, and repetitive bodily exercise produced by skeletal muscles that requires energy expenditure



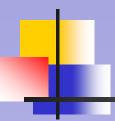
## Advantages to Physical Exercise

- Increases endurance
- Makes you less susceptible to disease
- Helps you lose weight
- Improves circulation
- Improves sleep
- Relieves depression
- Reverses diabetes



## Advantages to Physical Exercise

- Decreases back pain
- Decreases headaches
- Decreases arthritis
- Aids digestion
- Cuts addictive cravings
- Decreases chronic fatigue
- Decreases premature aging



#### **Exercise For Diabetes**

- Helps to control weight
- Reduces insulin resistance
- Acts like a "shot of insulin" after a meal



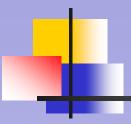
#### Health Benefits

"There is no drug in current or prospective use that holds as much promise for sustained health as a lifetime program of physical exercise."

Bortz, W. JAMA: 248, p 1203, 1983



## Let's Exercise!





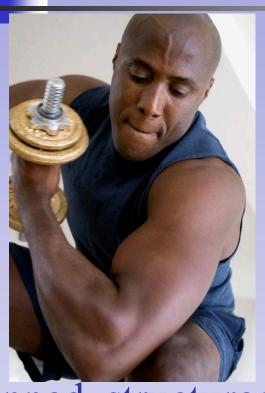
# Walk Yourself to Health Part II

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### Rxercise

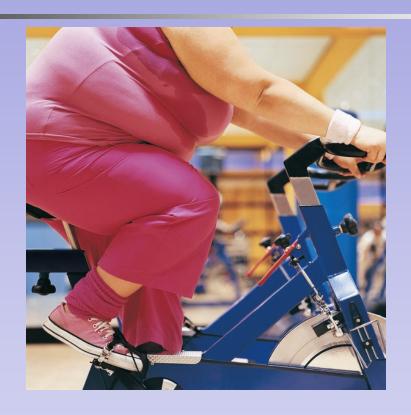




Planned, structured, and repetitive bodily exercise produced by skeletal muscles that requires energy expenditure



### Rxercise



Some people are afraid or embarrassed to go to a Gym – they can do home stationary exercises



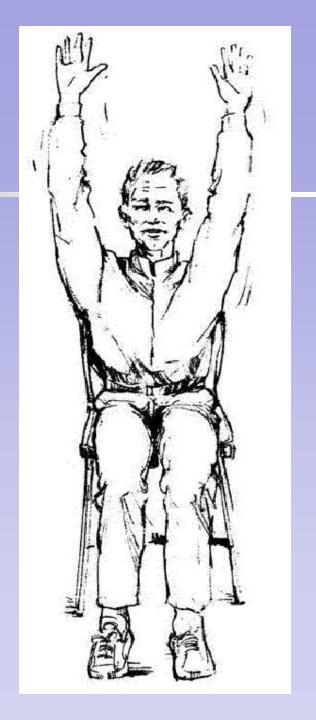
## Components of Physical Exercise

- Aerobic endurance capacity
- Muscular strength
- Muscular endurance
- Flexibility



#### **Exercise Benefits**

You are almost never too old, too ill, or too incapacitated to gain benefit from regular exercise!



## Never too Young to Exercise



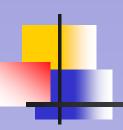
### Never too Old to Exercise





# Intensity of Exercise

- Light:
  - Walking leisurely, 1-2 mph
- Moderate:
  - Walking briskly, 3–4 mph
- Vigorous:
  - Jogging, singles tennis, moving heavy furniture



## **Epidemic of Inactivity**

• "Our country does not really have an epidemic of obesity, it has an epidemic of inactivity".

Joel Furhman, MD

 Walking is the Cheapest, Easiest, and Safest exercise to perform on a daily basis

You can do it anywhere

## Walking - the Best Exercise



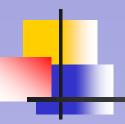


Well, almost anywhere



- Aim for 100 steps per minute this is a useful guide
- Aim for 150 minutes per week, minimum, at moderate intensity
- If you are diabetic walk for 15-45 minutes, 45-60 min after you start a meal

• Whenever possible it should be done in the fresh air.

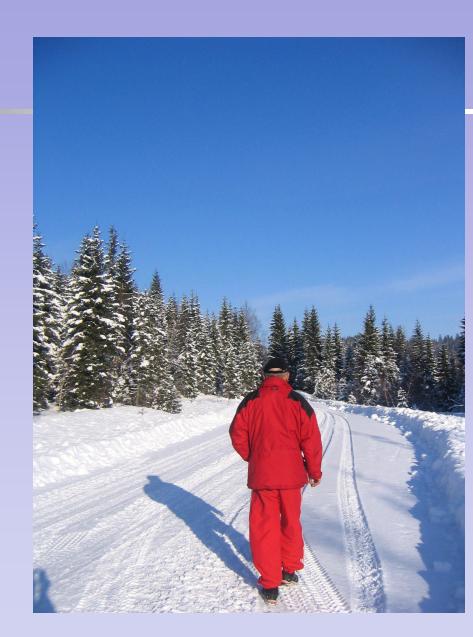


Walk
Even
if it rains!

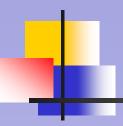




Almost any weather is good for walking

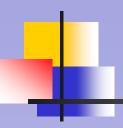


- Walk, Walk, Walk
- Walk, Walk, Walk
- Walk, Walk, Walk



#### Exercise

Think of exercise as the best medicine your doctor could ever prescribe for you!



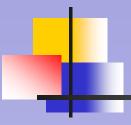
#### Exercise

 It is just as effective as taking a sleeping pill for sleep

 It is just as effective as anti-depression medication for depression



## Let's Exercise!





# Walk Yourself to Health Part III

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### Tools for Exercise

Get yourself a pedometer



 Good walking shoes—doesn't need to be expensive





### Plan for Exercise

■ Find an exercise you like,

But even if you don't like any, do it anyway—

- Remember it is Your MEDICINE!
  - Take it daily!



# What if I Can't Walk?

Swimming is excellent

Even chair sitting exercises are useful

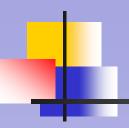
Flexibility and strength training



### What's My Excuse?

• Make a list of all the excuses you have for not "doing it."

Slowly find ways to remove each of these from your list.



### How to Begin

Start slowly, work up gradually instead of doing marathons on week-ends





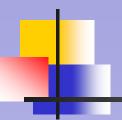
## How to Begin - FITT

Frequency

Intensity

Time

Type



### How to Begin

- Choose your activity:
  - Aerobic walking, swimming, stair climbing, cycling, XC ski machine



#### ■ FREQUENCY

■ 5-6 times per week

#### ■ Time:

■ 15-60 minutes, 2-3 times/day



### Intermittent Training (IT)

A type of training that uses rest along with intensive training to give you a work-out that does not tire you out but has excellent results



#### Results of LCA Research

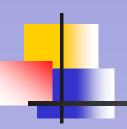
- Intermittent exercise group
  - Showed statistically significant decrease in %
     body fat over the continuous exercise group
- Conclusions:
  - This is an effective method to lose weight and build cardiovascular fitness with less effort



## **Avoiding Excuses**

You have to make YOU and your fitness a priority.

www.thewalkingsite.com

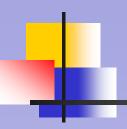


#### Motivation

Think of all the benefits of a fitness program.

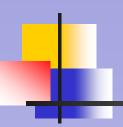
Choose the things that matter to you and focus on them.

www.thewalkingsite.com



#### Motivation

Make a list of all the benefits you will personally receive from your program and make a list of the others that will benefit.



### Motivation

Who else will benefit if you become more fit?—Everyone in your life.

www.thewalkingsite.com



### Power for Health

I Can do all things through Christ who strengthens me.

Phillipians 4:13



## Let's Exercise!