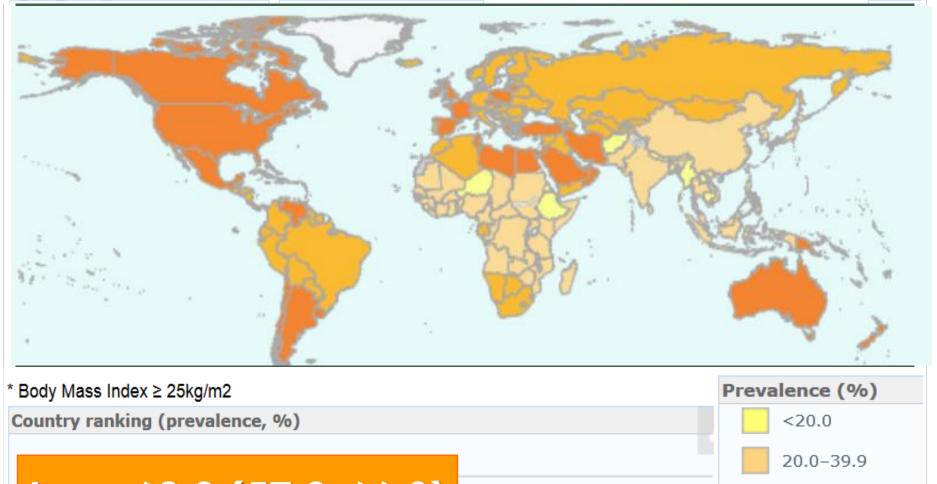
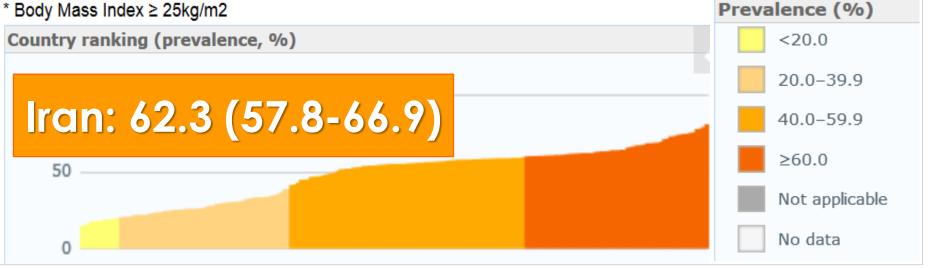


Prevalence



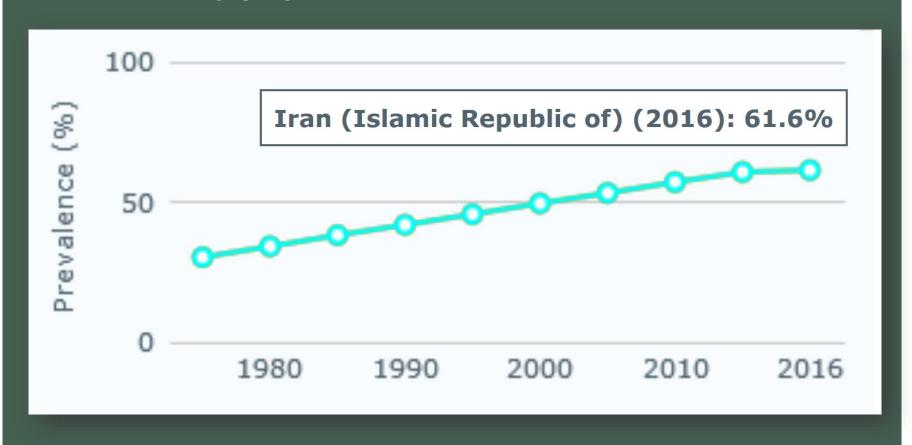
Prevalence of overweight*, ages 18+, 2010–2014 (age standardized estimate) Both sexes: 2014

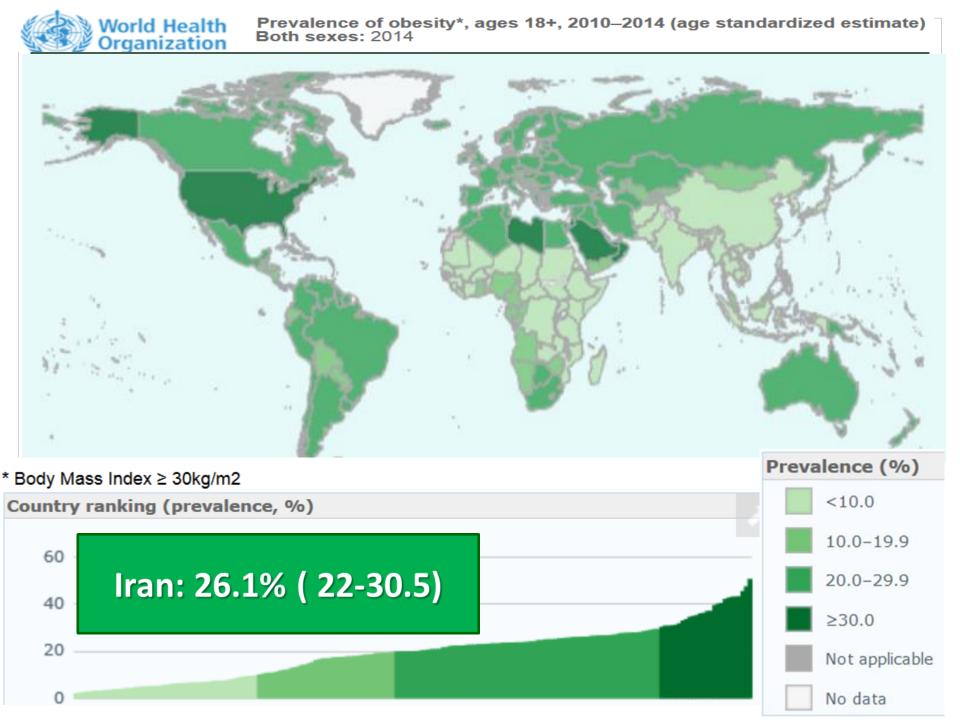






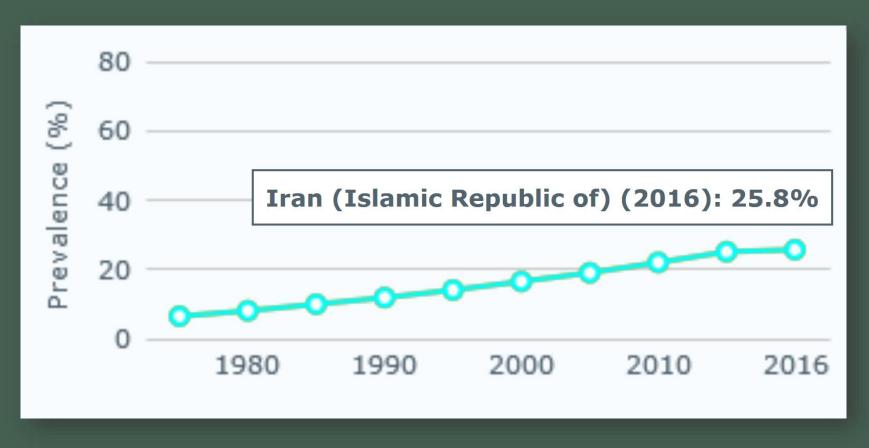
Prevalence of Overweight among Adults



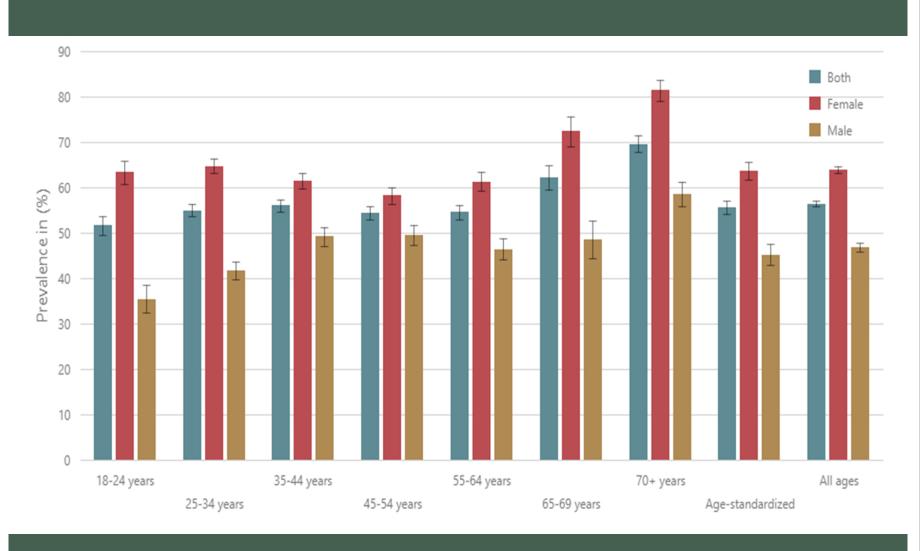




Prevalence of Obesity among Adults



Physical inactivity in Iran



A Multidisciplinary Approach To Obesity Management



Healthy Nutrition

Exercise

Weight Reduction

Acupuncture
and other
complementary
therapies

Psychotherapy

Drug and Surgery

The importance of exercise and physical activity on weight management

- ✓ Inducing calorie deficit
- Increasing control on appetite and eating behaviors
- ✓ Increasing post exercise metabolism
- Maintaining or increasing lean body mass
- ✓ Inducing calorie deficit

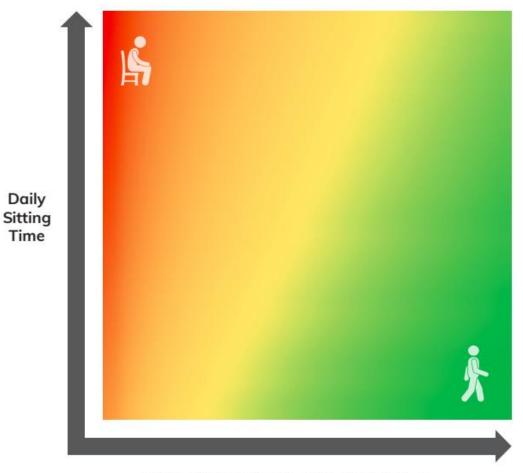
- -Lifestyle physical activity
- -Aerobic exercises
- -Resistance exercises
- -Flexibility exercises
- and other forms:
- -Local exercises such as Abdominal exercises

Lifestyle

physical

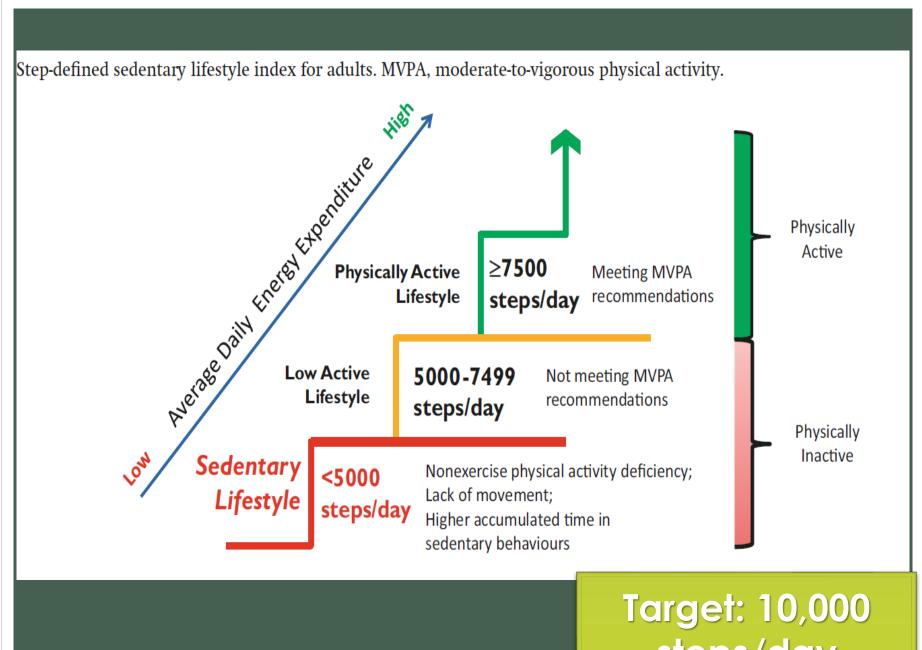
activity

Figure 1-3. Relationship Among Moderate-to-Vigorous Physical Activity, Sitting Time, and Risk of All-Cause Mortality in Adults



Moderate-to-Vigorous Physical Activity

Risk of all-cause mortality decreases as one moves from red to green.



Target: 10,000 steps/day









Aerobic

exercise

ACSM and CDC Recommendations



150 minutes

of moderateintensity aerobic activity every week 2X per week

Muscle-strengthening activities on 2 or more days a week that work all major muscle groups

·II----II·

Aerobic Exercise

Intensity

Moderate to Vigorous

Aerobic Exercise

Time & Frequency

>250 min/week

Most of the days/week

Groduoi:

Cumbe

HIIT Training

Or

Moderate intensity exercises
222

Resistance

exercise



Resistance Exercise

Frequency & Intensity

(large muscles)
3 set, 8-12 rep
2-3 days/week

Aerobic exercises

Or

Resistance Exercises

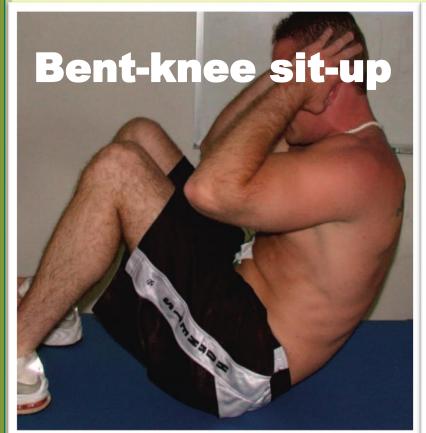
333

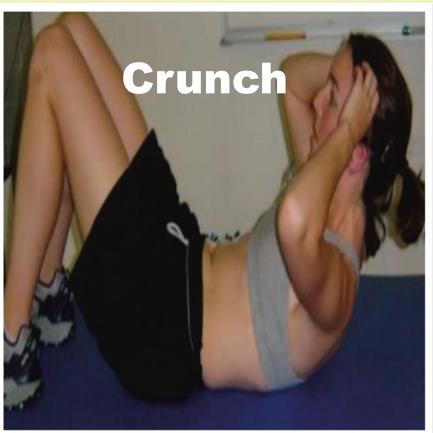
Abdominal

Exercise

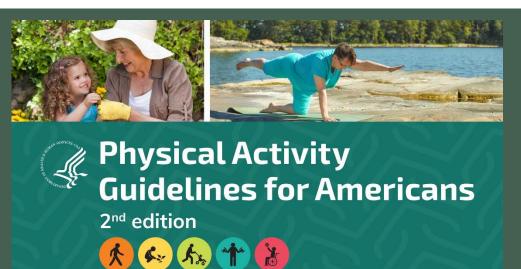
According to the exciting evidences, it seems that abdominal exercises have no significant effect on body weight, body fat percentage, abdominal circumference, abdominal skinfold and suprailiac skinfold measurements.

Importance of correct position during core exercises





Review on effective aerobic, resistive and local exercise protocols for abdominal circumference reduction, Journal of Medical Council of Iran, 2015.









ACSM Guidelines

And other references:

U.S. Department of Health and Human Services. Physical Activity Guidelines for Americans, 2nd edition. Washington, DC: U.S. Department of Health and Human Services; 2018.

