EFEKTI REDOVNE FIZIČKE AKTIVNOSTI

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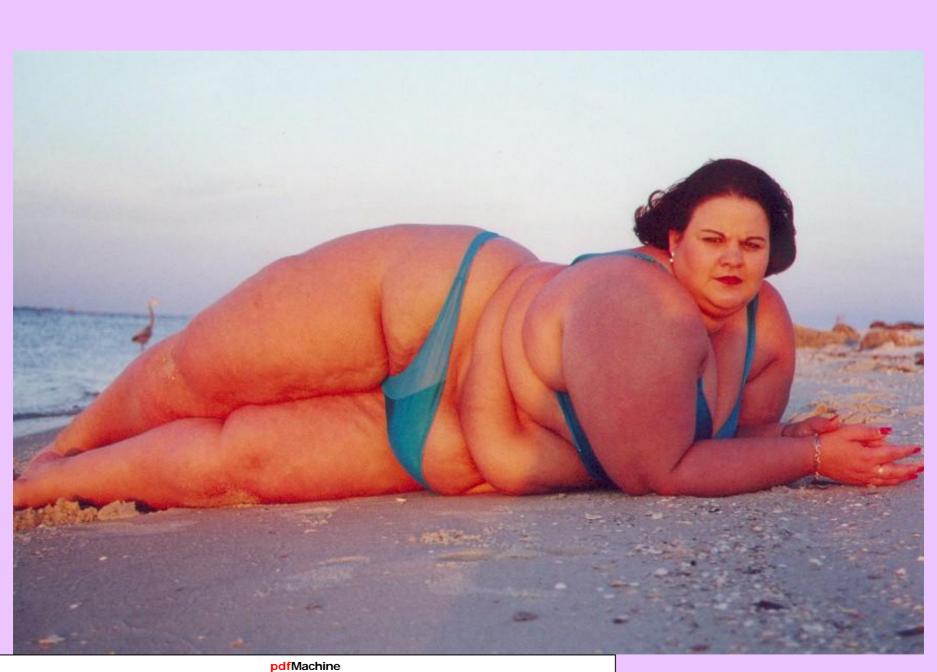
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Posebno ugrožene kategorije građana

- deca
- adolescenti
- STRES
- III doba
- HRONIČNE NEZARAZNE BOLESTI
 - hipertenzija gojaznost
 - šećer

osteoporoza



Kardiovaskularni sistem

- Srčani mišić jači i elastičniji
- Veći udarni volumen
- Veći minutni volumen
- Bogatija kapilarna mreža
- Manje naslaga na zidovima arterija
- Smanjuje povišeni pritisak

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Respiratorni sistem

- Veći disajni volumen
- Bogatija alveolarna mreža
- Efikasnije preuzimanje kiseonika iz vazduha od 21% iskoristi se 15 - 18 %

SKELETNI MIŠIĆI

Povećavaju se metabolički kapaciteti i kontraktilna svojstva što utiče na ublažavanje dejstva starenje i hroničnih bolesti na sačuvanu sposobnost za



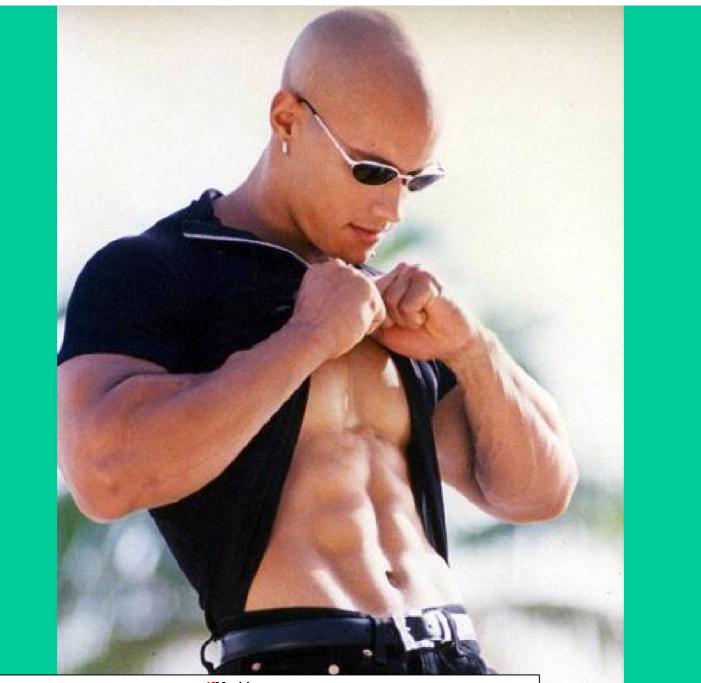
Povećava se snaga mišića što:

•umanjuje rizik od povrede

•ublažava bolesti mišića

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TETIVE I VEZNA TKIVA

Povećava se snaga zglobova, što utiče na povećanu potpornu funkciju i stabilnost zglobova tako da se umanjuje rizik od povreda



ZGLOBOVI

- podmazanost zglobova
- Opseg pokreta
- Održavanje pokretljivosti

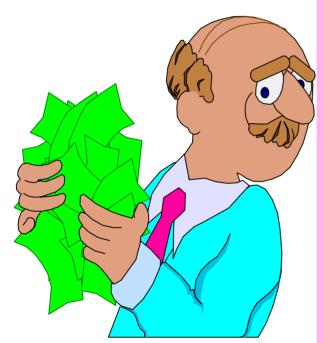
Ograničava dejstvo degenerativnog artritisa

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METABOLIČKE FUNKCIJE

- Regulacija energetskog bilansa i kontrola telesne mase
- Osetljivost na insulin i podnošenje ugljenih hidrata
- Metabolizam lipida i lipoproteina
- Inhibicija procesa zgrušavanja krvi

PSIHOLOŠKA FUNKCIJA



- Poboljšava raspoloženje i smanjuje blagu angsioznost i depresiju
- povećava samopouzdanje i povoljno utiče na raspoloženje
- Utiče na psihomotorni razvoj
- Može da poboljša pamćenje kod starijih osoba

a

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KAKO I KOLIKO VEŽBATI



3 - 5 puta nedeljno
20 - 60 minuta dnevno
60-90% od max HR
50-85% od VO2max

RECOMMENDATION FROM THE SURGEON GENERAL: **30 minutes** of moderate intensity physical activity on most, or preferably all, days of the week.

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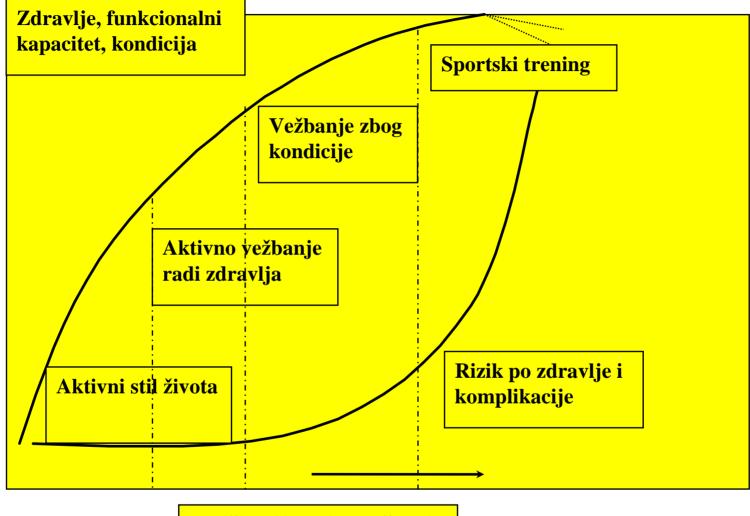
Washing and waxing a car Washing windows or floors Gardening Wheeling self in wheelchair Walking 1 3/4 miles Raking leaves Bicycling 5 miles Dancing fast Water aerobics Pushing a stroller 1 1/2 miles Swimming laps Playing basketball Shoveling snow Jumping rope Running 1 1/2 miles Stair walking

45-60minutes 45-60minutes 30-45minutes 30-40minutes 35minutes 30minutes 30minutes 30minutes 30minutes 30minutes 20minutes 15-20minutes 15minutes 15minutes 15minutes 15minutes

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Many benefits result from increases in physical activity. For instance, it has been shown that if all inactive adults in the United States became physically active, the potential savings could have been upwards of \$75 billion in 2000. Not only will an increased physical activity level bring forth a healthier body, it may also lead to an improved state of mental health. Various forms of physical activities such as dancing and swimming are healthy ways of de-stressing the body and mind as well as a great opportunity to meet people or socialize with old friends. The key to get people moving is to find an activity that they enjoy and can fit into their busy sch e d u l e s.

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Količina / intezitet vežbanja

Vežbanje može da zameni ili pomogne dejstvo mnogih lekova, ali ni jedan lek ne može da zameni dejstvo kretanja.



Tiso, XVII vek

ZDRAV NAČIN ŽIVOTA

FINKCIA RAZVIIA ORGAN