REKREACIJA

prava mera fizičke aktivnosti



Koliko je zaista mlado vaše srce

prof. dr Dušan Mitić

Fakultet sporta i fizičkog vaspitanja

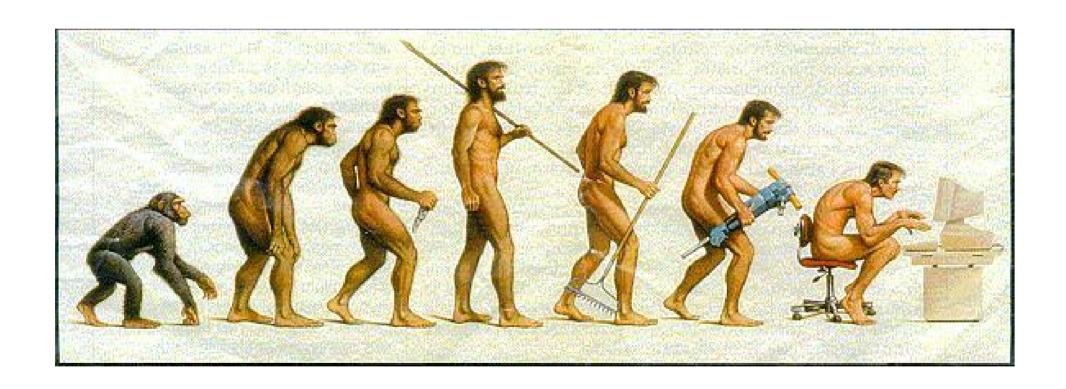
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PRENASELJENOST

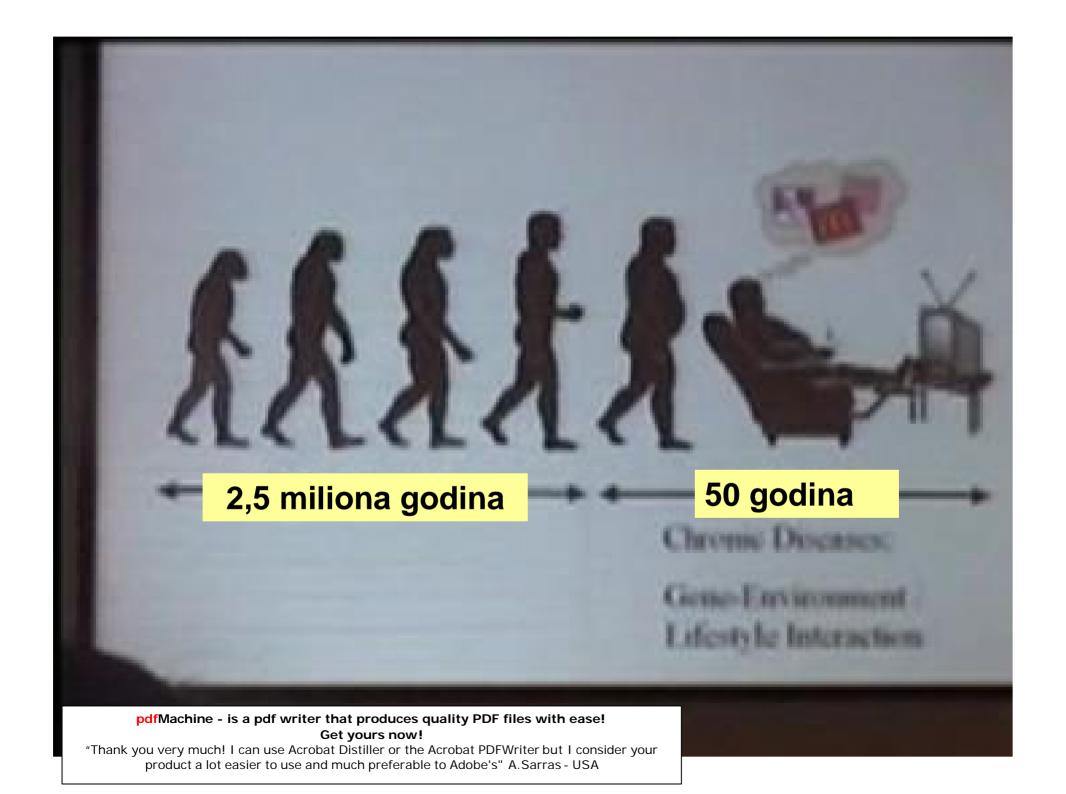


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Napredak?!?



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NEKRETANJE

samostalni riziko-faktor



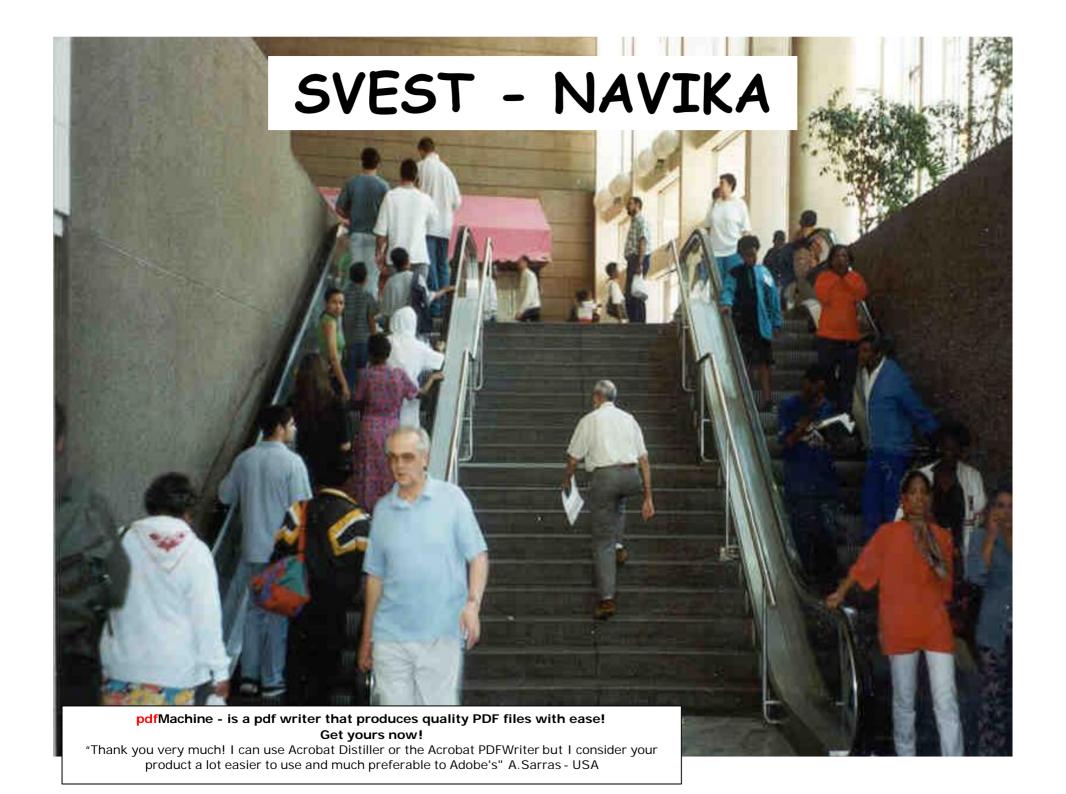
- 2,5 opšta smrtnost
- 3,5 kardiovaskularna
- 3 pojedini karcinomi

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Voda IIŠIĆNO ANGAŽOVANJE Vatra vetar Vodena para 95% 0.5% Nafta Benzin Dizel 1850 1980 gas Struja Atomska Sunčeva 99% 99.5% 5% Plima pdfMachine - is a pdf writer that produces quality PDF files with ease! Bio-gas Get yours now! "Thank you very much! I can use Acrobat Distiller or the Acrobat PDFWriter but I consider your

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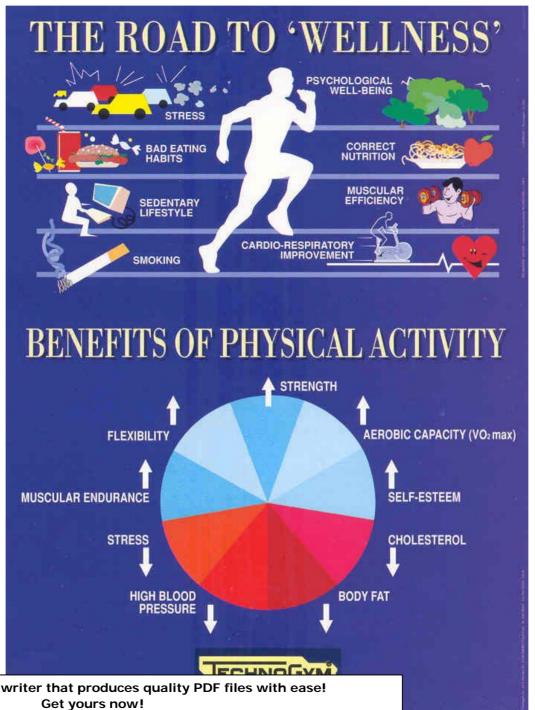
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Lični režim života i životni stil imaju 50% važnosti za zdravstveni status, dok drugu polovinu čine

- ·ekološki uslovi sa 21%,
- •genetički faktori 21%,
- •a lekarska briga utiče sa skromnih 8%

Hrčka, 1990



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KAKO I KOLIKO VEŽBATI



3 - 5 puta nedeljno

20 - 60 minuta dnevno

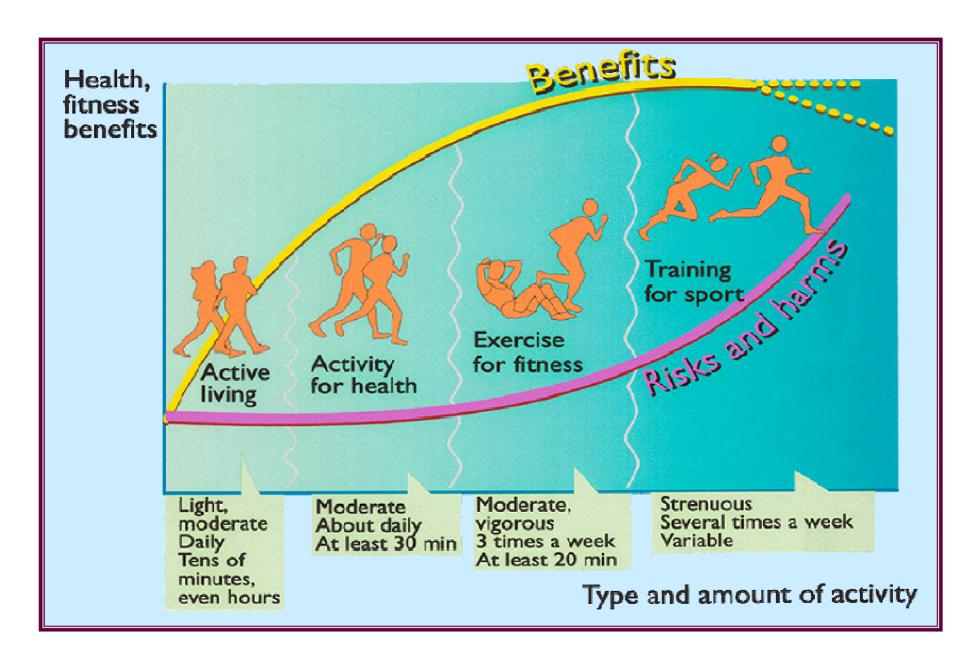
60-90% od max HR

50-85% od VO2max

WHO 1995.

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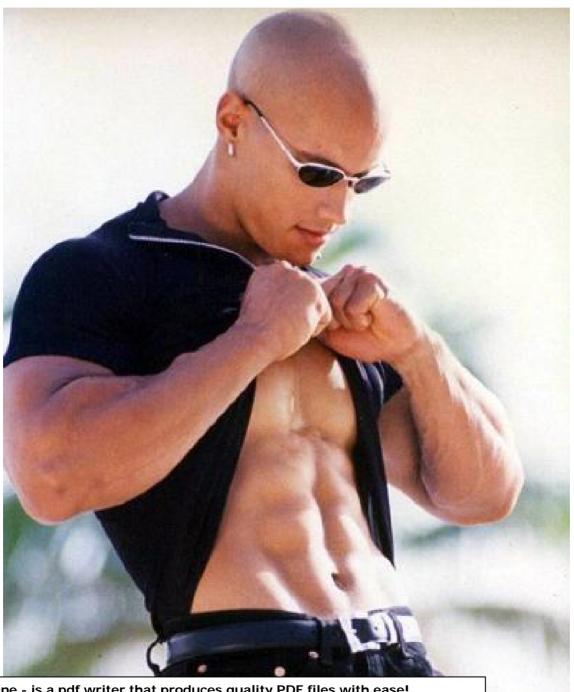
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Prof I Vuori UKK Institute Tampere University Finland

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KORAKA DNEVNO

10.000

DO 14.000

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

Washing and waxing a car	45-60minutes
Washing windows or floors	45-60minutes
Gardening	30-45minutes
Wheeling self in wheelchair	30-40minutes
Walking 1 3/4 miles	35minutes
Raking leaves	30minutes
Bicycling 5 miles	30minutes
Dancing fast	30minutes
Water aerobics	30minutes
Pushing a stroller 1 1/2 miles	30minutes
Swimming laps	20minutes
Playing basketball	15-20minutes
Shoveling snow	15minutes
Jumping rope	15minutes
Running 1 1/2 miles	15minutes
Stair walking	15minutes

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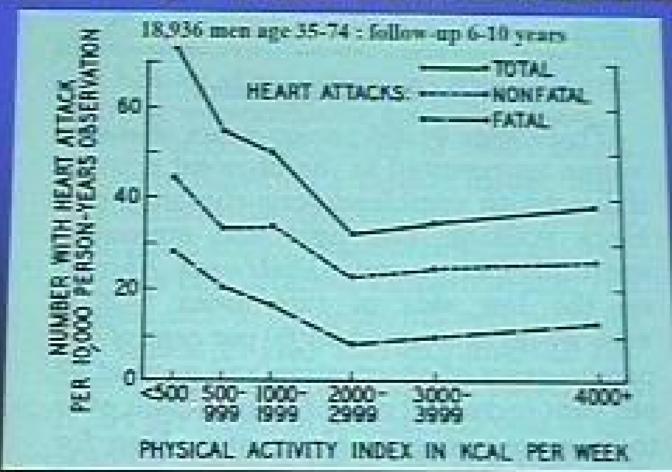
150 kcal dnevno

1050 kcal nedeljno

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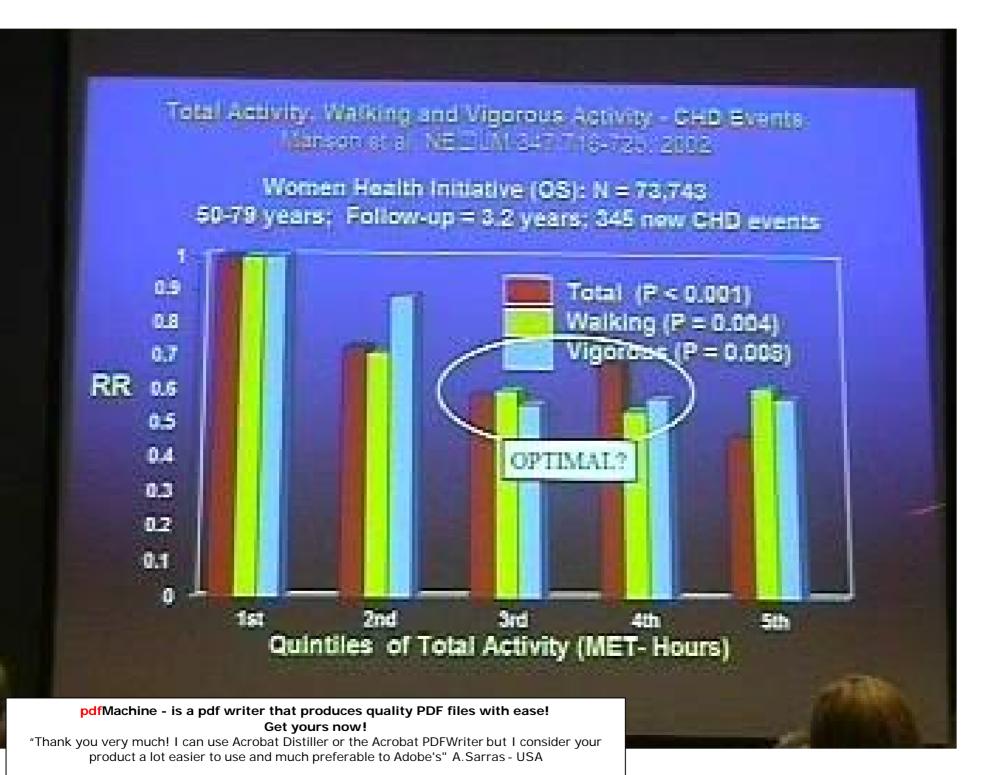
Physical Activity as an Index of Heart Attack Risk in Men-



"afforharger, et al. Am J Epidemiology 1978, 108-161-175.

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Preko 60 godina života



min dnevno F.A.

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Koliko dnevno vežbati

Koliko godina toliko minuta vežbanja u doku dana

STUDIES RELATED PHYSICAL ACTIVITY PRACTICE AND HEALTH (II)

Canadian Public Sanitary System:

Estimates that 60 % of population is not active or not active enough

1\$

Promotion of physical activity practice

Long term 11 \$

Saving for Public health system

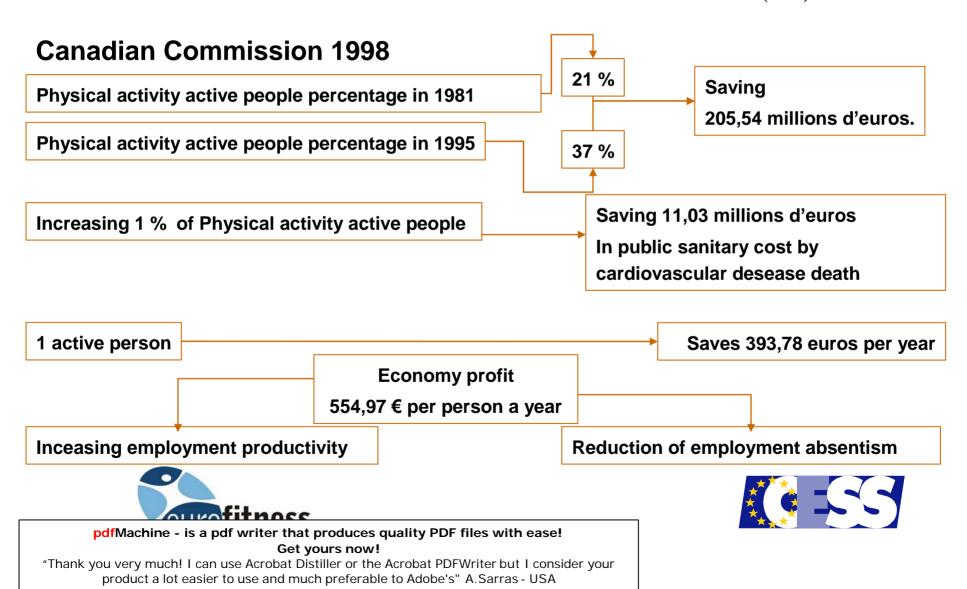




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STUDIES RELATED PHYSICAL ACTIVITY PRACTICE AND HEALTH (III)



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

Tiso, XVII vek

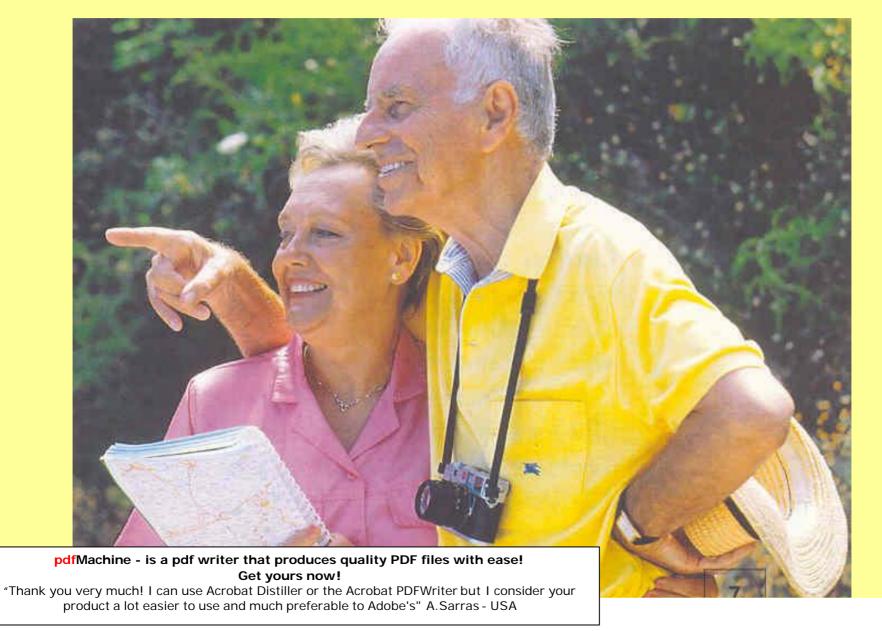


ZDRAV NAČIN ŽIVOTA

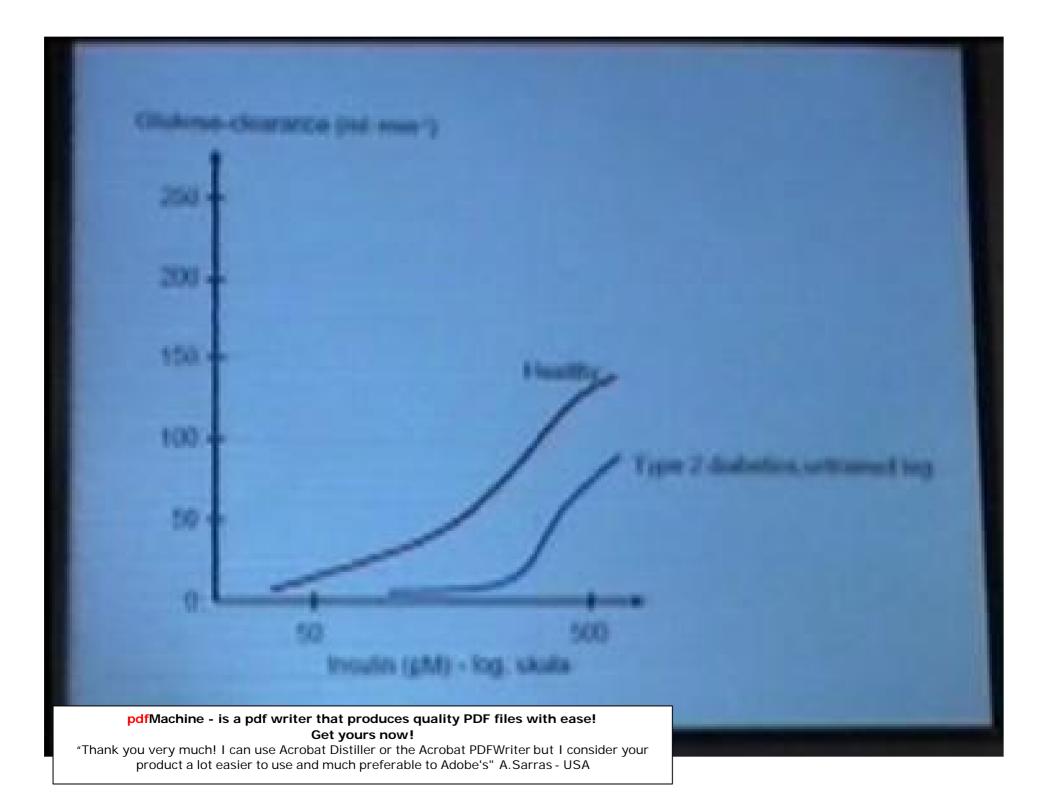
FINKCIA RAZVIA ORGAN

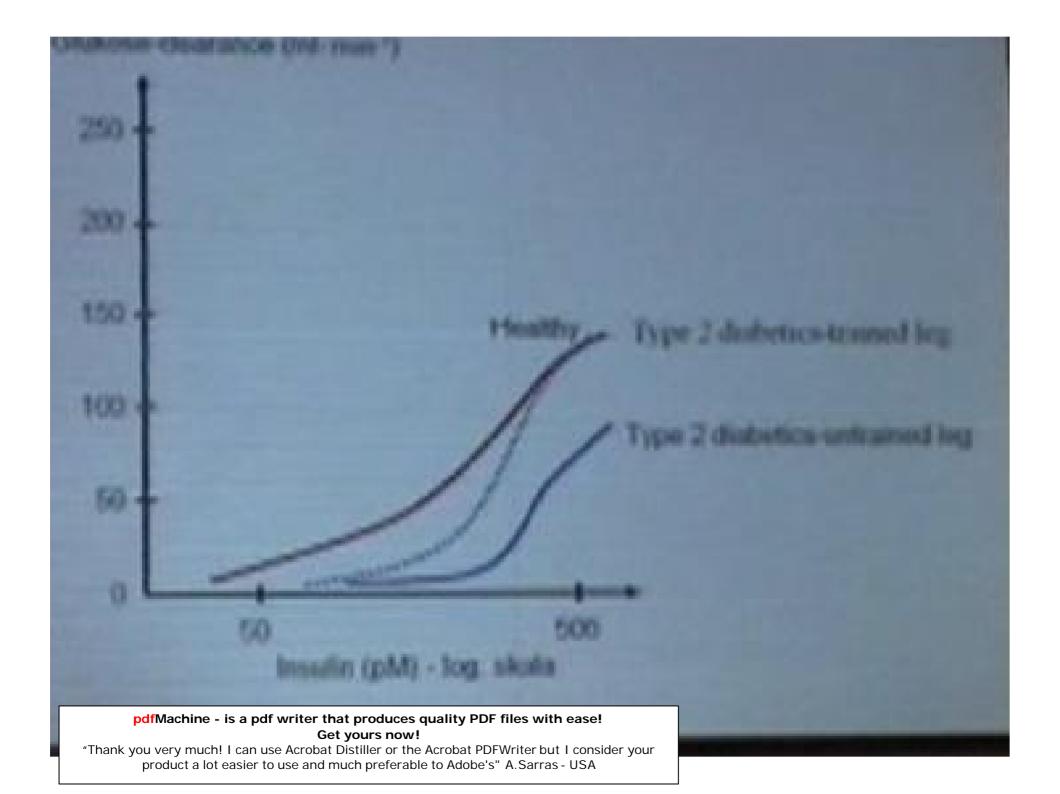
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PRIMERI



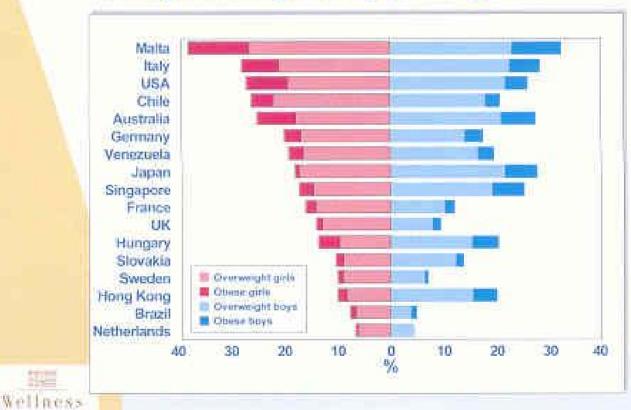






The table shows the alarming situation of obesity in children. This pathology has assumed all the hallmarks of an epidemic, and is afflicting the countries with the highest income

Prevalence of obesity and excess weight in boys and girls aged 10 years

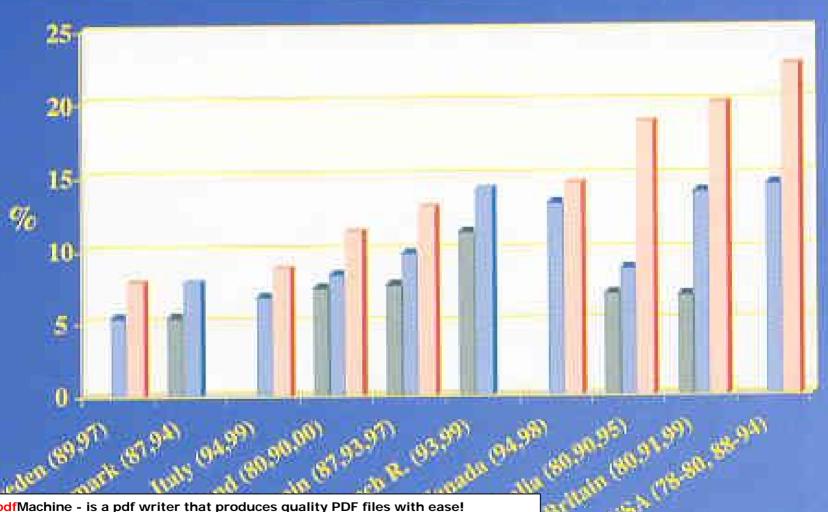


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Obesity Trends

(population > 15 years with BMI > 30, in %) (source: OECD 2001)

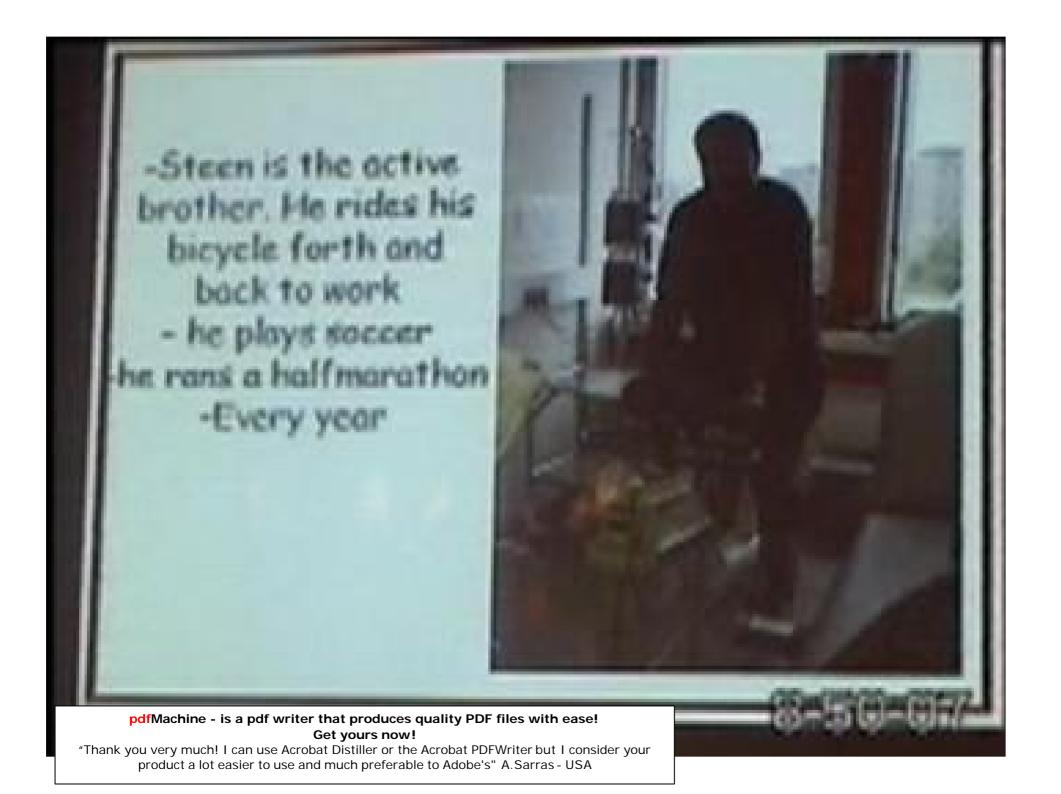


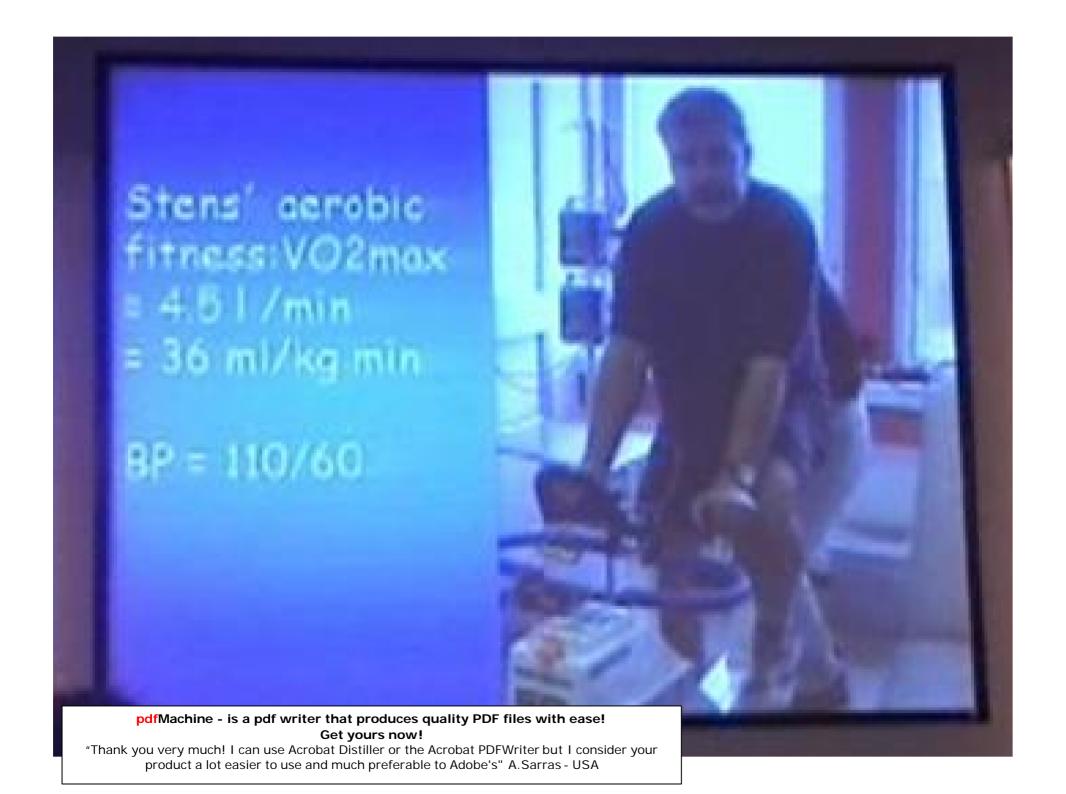
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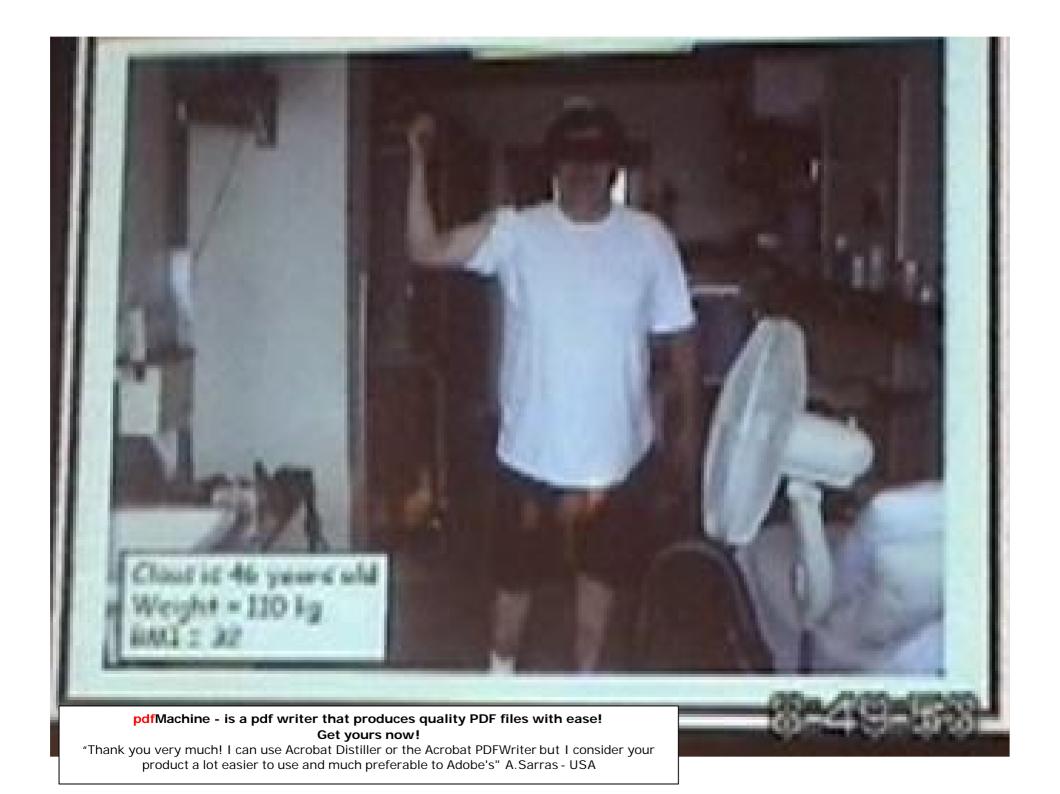
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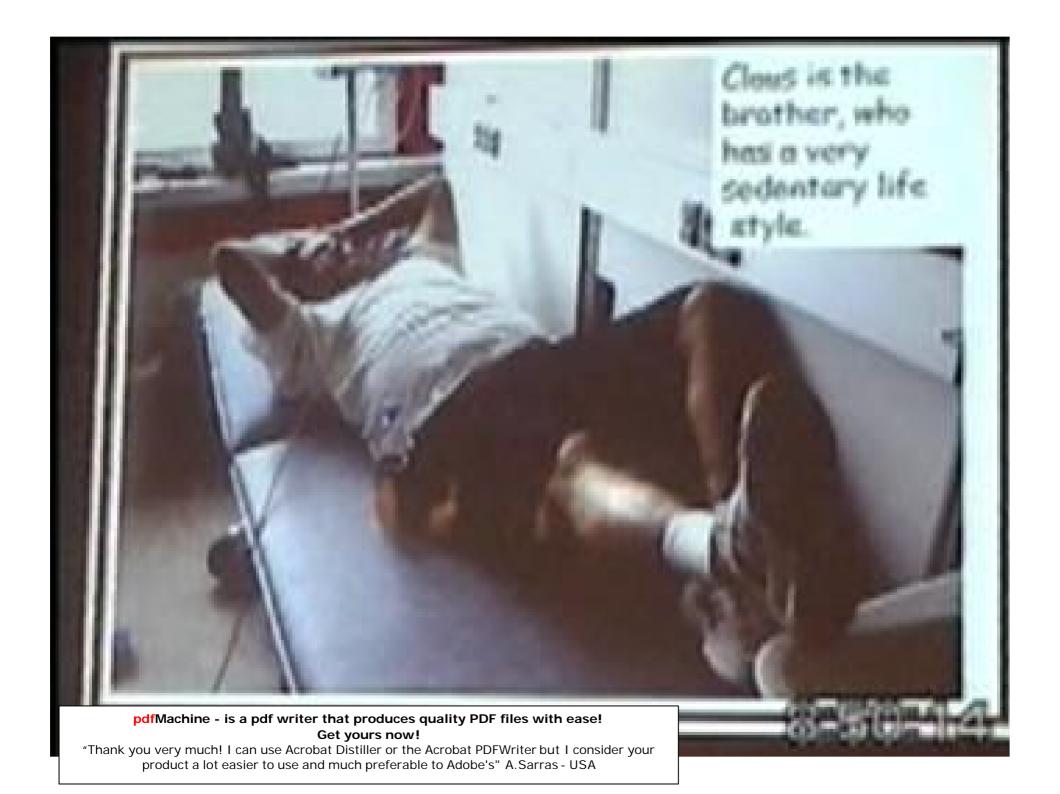


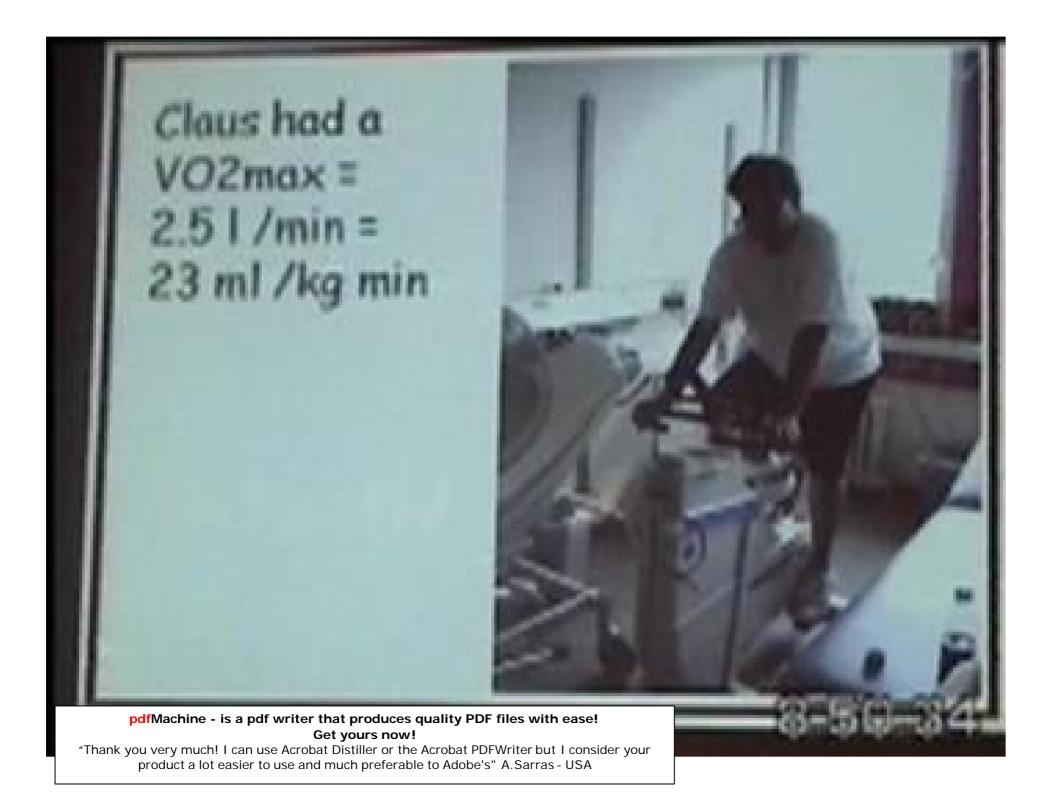


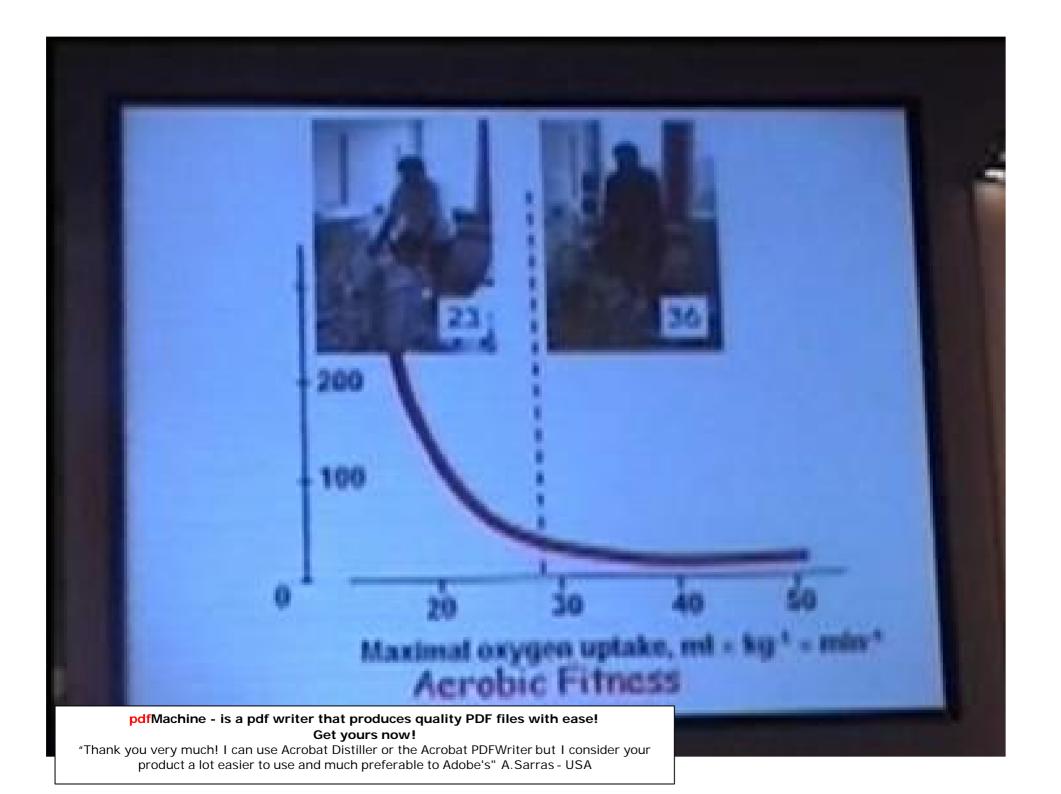


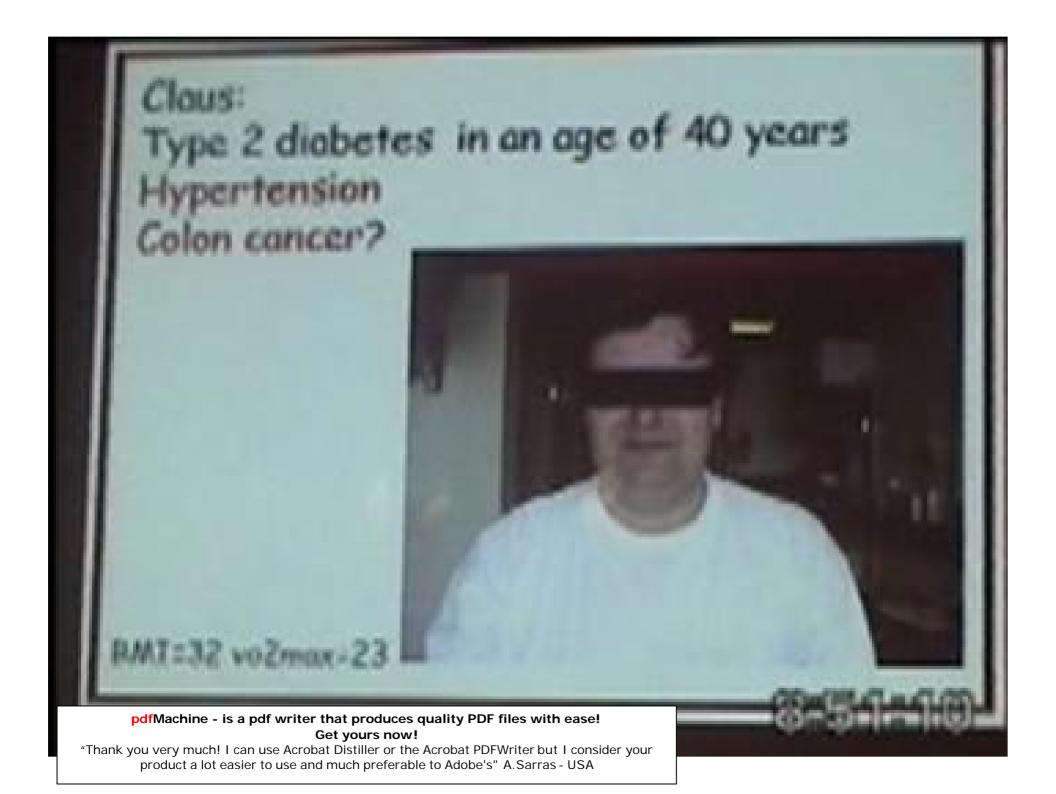


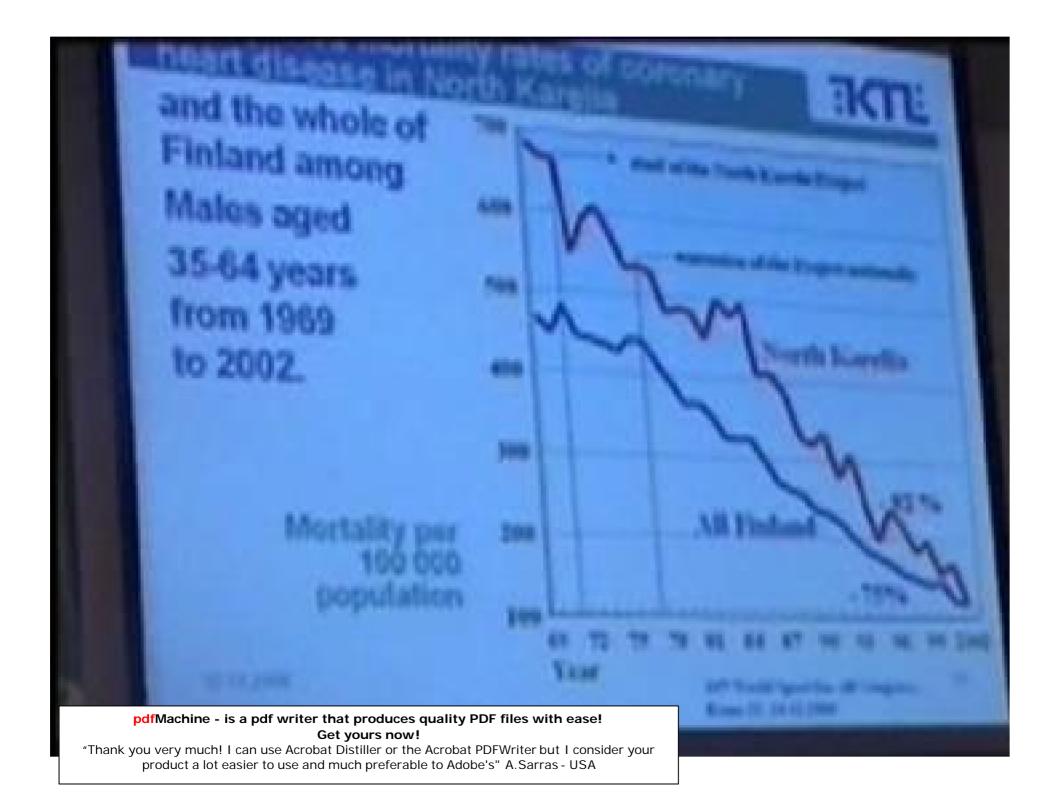












Stopa smrtnosti od KBS podešena prema dobi u Sjevernoj Kareliji i cijeloj Finskoj kod muškaraca dobi od 35–64 g. od 1969. do 2002. g.

Sj. Karelija

300

Finska

-82 %

-75%

početak projekta Sj. Karelija

Godina

produženje projekta u zemlji

Smrtnost na 100 000 osoba

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700

600

penzionerke planinarke

žene preko 65 godina starosti

Bratislava Karalić, radna verzija magistarski rad <u>Transferzalno istraživanje</u>

Sačuvani:

- vitalnost
- pokretljivost
- visok nivo kardiorespiratornih funkcija
- Motorika
- Mentalna svežina
- Dobro raspoloženje

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mr Zoran Gortnar doktorska teza u radu



Odbojkaši penzioneri Vazduhoplovna brigada planinari penzioneri

uzrasta 40 do 50

lako su stariji 20 godina, NEMA STATISTIČKI ZNAČAJNIH RAZLIKA:

- pokretljivost
- nivo kardiorespiratornih funkcija
- motoričke funkcije

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Nivo opterećenja

N = 66 ispitanika 34 kontrolna dr Stanimir Stojiljković disertacija 2003

Osam nedelja trčanja

individualno doziranje u dva mikrociklusa

E1 = 15 u zonama ispod anaerobnog praga

E2 = 17 u zonama ispod i 13% iznad anaerobnog praga

EFEKTI

- VO_{2maks} sa 52,8 na 57,06 ml/kg/min
- anaerobni prag sa 34.77 na 41.3

Telesna kompozicija

- smanjena telesna masa
- smanjena količina masnog tkiva
- povećan procenat mišićne mase

dr Stanimir Stojiljković

disertacija 2003

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E1 = E2

Požuri polako

dr Stanimir Stojiljković disertacija 2003

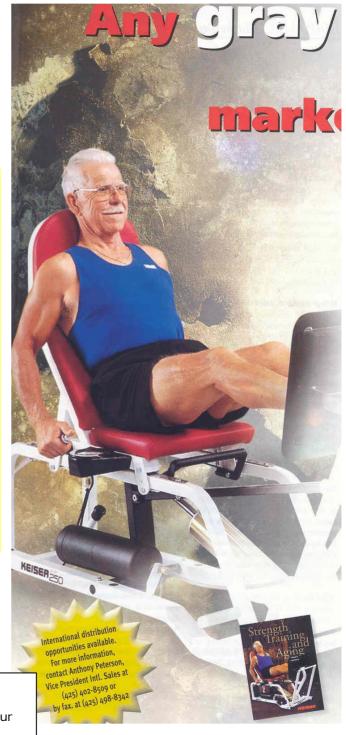
Bez bola do forme

Fizička radna sposobnost se može povećati i bez ulaska u petu zonu inteziteta, koja nosi i rizik jer se vežba maksimalnim intezitetom

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DO KADA IMA **SMISLA** JOŠ UVEK VEŽBATI...



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Šifra zdravlja



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HVALA ZA

