

Zdraví?



Tomáš Zeman

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Motto: „Zdraví udržet za každou cenu“

„V Česku se ročně použije 400 tisíc zvířat na pokusy.“



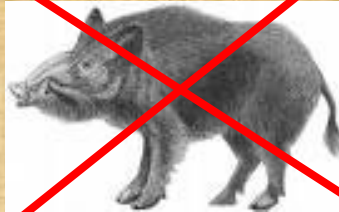
„Kravičky papáme, hafan nám hlídá dvůr a potkyši jsou na experimenty“ (doc. Páral)



Řízek



Květák

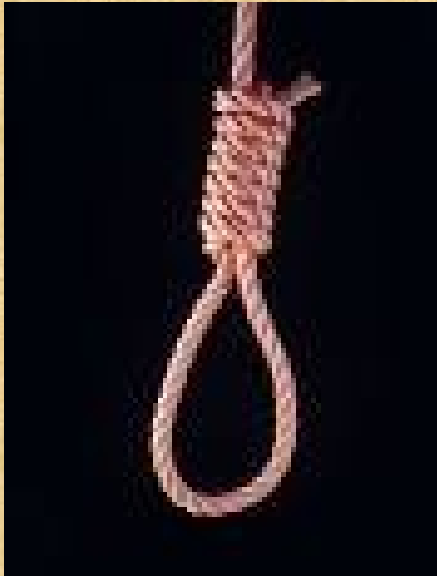


„Kravičky papáme, hafan nám hlídá dvůr a potkyši jsou na experimenty“ (doc. Páral)

Jak se tedy rozhodnout?

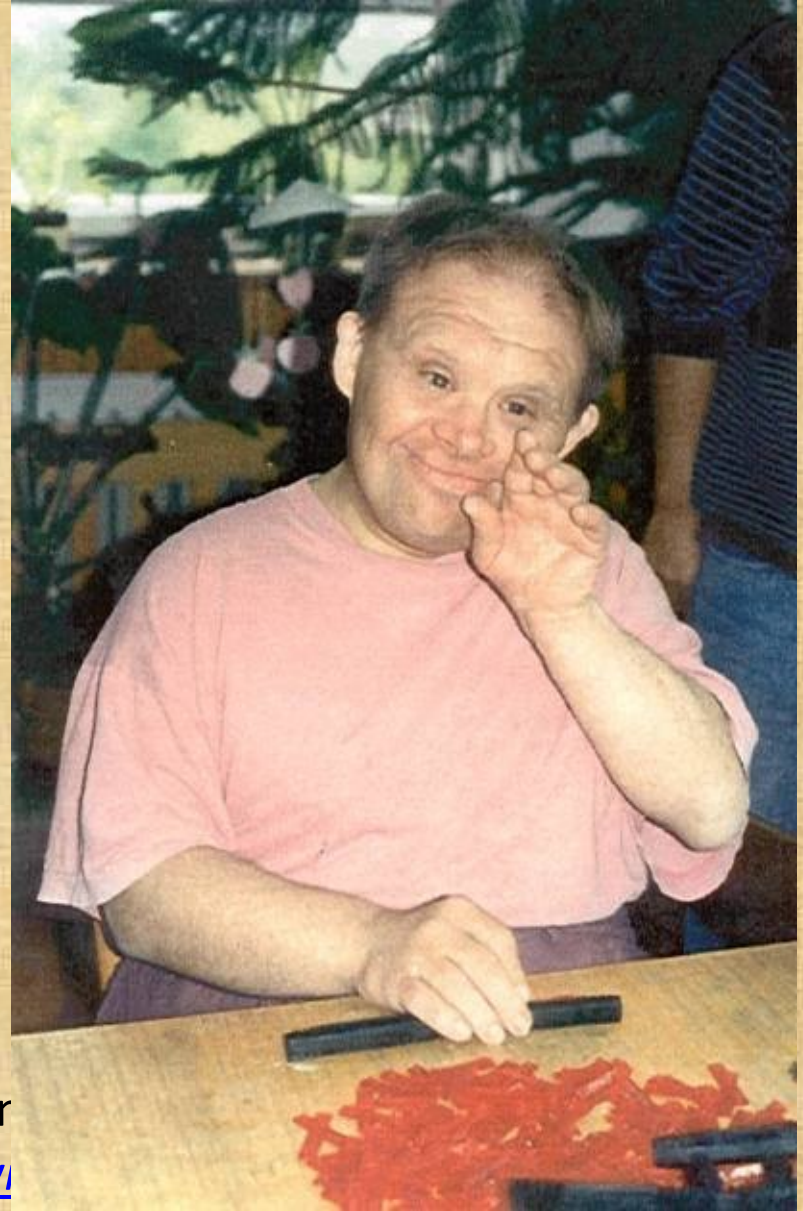
Papat, nepapat?

Experimentovat, neexperimentovat?



„Kravičky papáme, hafan nám hlídá dvůr a potkyši jsou na experimenty“ (doc. Páral)

Interupce – ano nebo ne?



Levir
[Surviv](#)

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Inter
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oucít

Kusuma, Yadlapalli S. - Das, Pradeepta K. (2008): Hypertension in Orissa, India: a cross sectional study among some tribal, rural and urban populations. *Public*

	Tribal		Rural		Urban	
	Men (n = 129)	Women (n = 134)	Men (n = 114)	Women (n = 104)	Men (n = 145)	Women (n = 177)
Mean age in years (SD)	39.09 (13.18)	37.76 (13.20)	38.98 (14.80)	36.77 (13.95)	47.81 (13.93)	41.34 (12.99)
Literacy rate	42.6%	6.0%	37.7%	32.7%	100.0%	100.0%
Mean body mass index (SD)	17.85 (1.86)	17.15 (2.19)	20.10 (2.75)	20.52 (4.32)	24.07 (2.50)	23.49 (3.56)
Prevalence of pre-hypertension	50.4%	57.5%	49.1%	54.8%	43.4%	41.2%
Prevalence of stage 1 hypertension	19.4%	9.7%	28.9%	17.3%	38.6%	18.1%
Prevalence of stage 2 hypertension	5.4%	3.7%	12.3%	12.5%	11.0%	8.5%
Prevalence of total hypertension	24.8%	13.4%	41.2%	29.8%	49.7%	26.6%
Mean systolic blood pressure (SD)	124.79 (12.88)	121.93 (14.01)	128.33 (15.98)	126.58 (15.63)	134.87 (12.88)	125.73 (14.52)
Mean diastolic blood pressure (SD)	81.66 (9.94)	78.17 (9.32)	84.05 (9.70)	81.38 (9.78)	87.37 (8.93)	81.63 (10.70)
Prevalence of hypertension among subjects aged <45 years	19.1%	10.6%	26.7%	17.3%	19.4%	11.2%
Prevalence of hypertension among subjects aged ≥45 years	37.5%	23.3%	69.2%	62.1%	72.3%	48.6%
Prevalence of CED	68.2%	76.1%	35.1%	31.7%	2.8%	9.0%
Prevalence of hypertension among subjects with CED	20.5%	13.7%	37.5%	24.2%	0.0%	6.2%

Country	Year of Data Collection	National /Regional	Survey Sample Size	Age Category	Males		Females		Combined	
					Overweight	Obesity	Overweight	Obesity	Overweight	Obesity
Colombia	2005			15-49			28.8	12.3		
Comoros	1996		773	15-49			15.9	4.4		
Congo (the)	2004	Regional		25+	15.2	2.5	21.8	14.6		
Cook Island	1998		n/a	n/a	36.0	40.6				
Cote d'Ivoire	1998/9	National (MACRO)	1299	15-49			14.5	4.7		
Croatia	2003	National	9040	18+	46.7	21.6	38.7	22.7		
Cuba	1998		4197	20-64	25.1	7.1	26.7	10.2		
Cyprus	1999-2000		1019	25-64	46.0	26.6	34.3	23.7		
Czech Republic	2005	National	2096		42	18	29	17		
Democratic Republic of the Congo (the)	2007	National (MACRO)	4097	15-49			8.9	2.4		
Denmark (self report)	2001		7030	16+	40.1	11.8	26.9	12.5		
Dominican R	2002			15-49			38			
Egypt	2005		17169	15-49			46.6	33.1		
England **	2007			16+	41.4	23.6	32.0	24.4		
Eritrea*	2004		2352	15-64					13.7	3.3
Estonia (self report)	2004		3033	16-64	32.0	13.7	25.7	14.9	28.4	14.4
Ethiopia*	2005		5901	15-49			4	0.8		
Fiji	1993		2573	18+	25	7	29	21	28	14.1
Finland (self report)	2005		3287	15+	44.8	14.9	26.7	13.5		
Former Yugoslav Republic of Macedonia	Pub 2001		838	20-65	47.9	14.4	35.1	19.3		
France	2006	National	3115	18-74	41	16.1	23.8	17.6	32.4	16.9
French Polynesia	1995		1273	16+	38.9	36.3	28.2	44.3		
Gabon	2000		2190	15-49			21.3	8.2		
Gambia	1996-7		5389	15+		0.6		4.4		



Table 2 Public health and economic impacts of cigarettes price increase.

Increase in price (%)	Adult smoking prevalence (%)	Cumulative gain in LYs (million)	Cumulative gain in QALYs (million)	Cumulative reduction in number of packs consumed (billion)	Cumulative gain in tax revenue (billion)	Cumulative reduction in medical care costs (billion)	Cumulative total savings (billion)
0	21.1	—	—	—	—	—	—
20	17.5	3.79	7.22	24.08	194.98	178.7	373.68
40	15.2	6.95	12.92	42.70	364.87	316.7	681.57
60	13.5	9.67	17.58	57.78	516.80	428.2	945.00
80	12.3	12.04	21.52	70.40	655.04	521	1176.04
100	11.3	14.13	24.92	81.21	782.39	600	1382.39

Sajjad, Ahmad – Franz, Gregor A. (2008):
 Raising taxes to reduce smoking prevalence in the US: A simulation of the anticipated health and economic impacts. *Public Health*, sv. 122, s. 3-10.

Děkuji za pozornost!

