Cancer – Prevention & Treatment

Vitamin D Association BMA House May 18, 2011

Rufus Greenbaum

www.vitamindassociation.org rufus@vitamindassociation.org

UK Data - England (50-55°N)

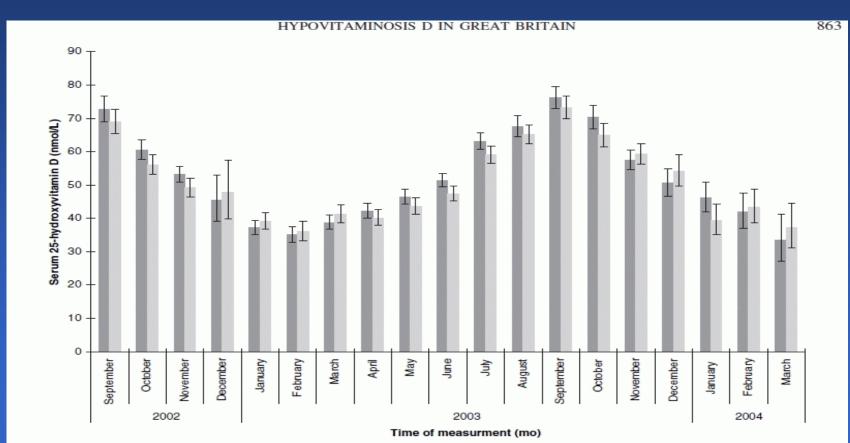
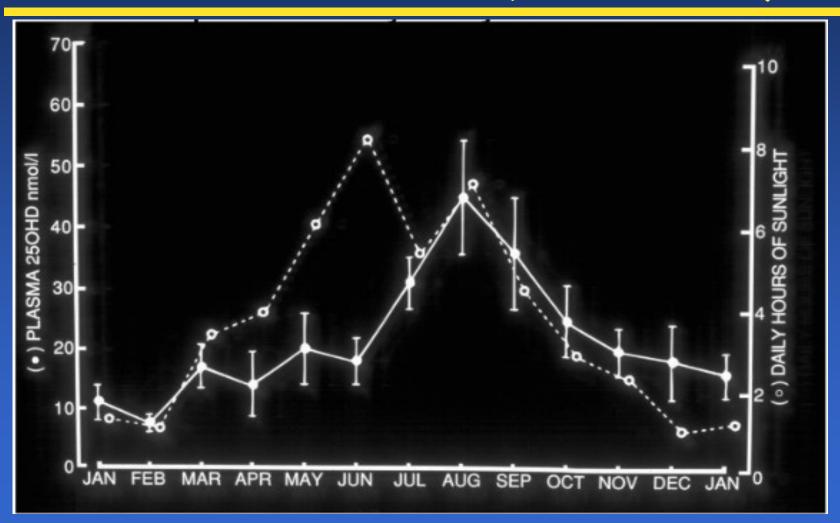


FIGURE 1. Geometric mean (95% CI) monthly variation in serum 25-hydroxyvitamin D [25(OH)D] concentrations in men (\blacksquare ; n = 3725) and women (\blacksquare ; n = 3712) in the 1958 British birth cohort at age 45 y. The interaction between sex and month was significant [P = 0.02, linear regression analyses on log 25(OH)D]. n per sex and month ranged from 17 to 340: 98 in December 2003 for women and <100 for both sexes in December 2002 (n = 40 M, 37 F), January 2004 (n = 95 M, 75 F), February 2004 (n = 58 M, 70 F), and March 2004 (n = 22 M, 17 F).

UK Data - Scotland (56-57°N)



Short, Medium & Long-term problems

Short (weeks) Muscle pain, Infection

Medium (months) Rickets, Psoriasis, Hypertension, Depression

Insulin resistance, Influenza, Falls in elderly,

Infertility, Gestational Diabetes, Pre-Eclampsia

Crohn's, Asthma +++ ???

Long (years) Cancers, Multiple Sclerosis, Osteoporosis

Alzheimer's, Parkinson's

Today we will hear more about the status of the evidence