

Agenda

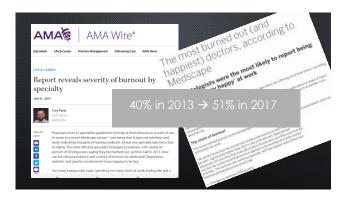
Current status of physician well-being and physician nutrition

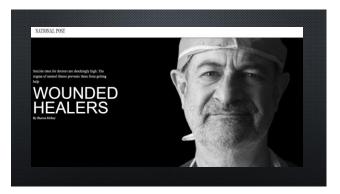
Barriers to healthy eating by physicians in training and practice

Recognition of the importance of proper nutrition in the wellness of physicians

Some dietary tips to improve work performance

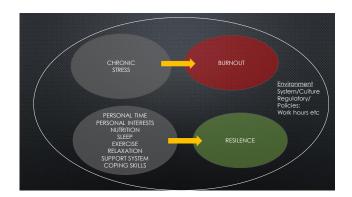












A novel approach to physician wellbeing is to address their nutrition and hydration status

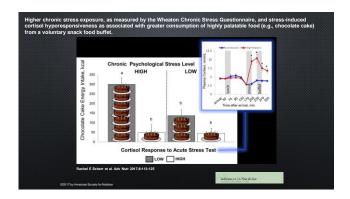


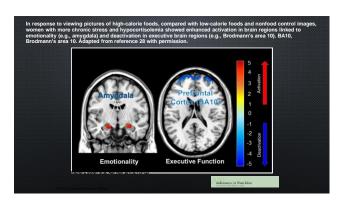
Current Status of Physician Nutrition

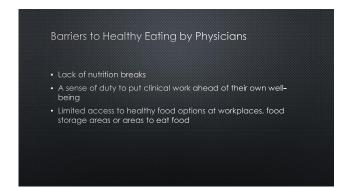
• Physicians and residents do not eat or drink adequately during working hours

• Physicians report that inadequate nutrition and hydration impacts them at work

Lemans, Wallace et al. 2011, Marnar, Alkann et al. 2013, Pasthuram, Dhanara et al. 2024



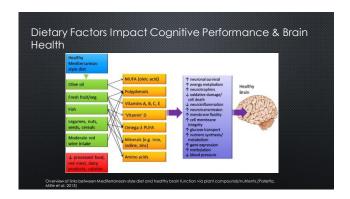


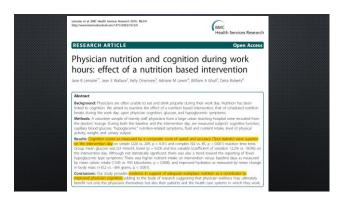












Nutrition and Short-term Cognitive Performance

a. Hydration
b. Meal timing
c. Meal composition
d. Meal size
e. Strategic use of caffeine

Hydration

Signs of mild dehydration

Impaired vigilance, short-ferm memory, concentration & decision making

Increased perception of task difficulty

Increased frequency of errors during a prolonged, monotonous driving task (Watson, Whole et al. 2015)

Lowered self-reported alertness and ability to concentrate

Sleepiness, firedness

Dizziness, light headedness, headache

Hydration

Among doctors and nurses dehydration was associated with small impairments in short-term functional working memory

Drinking Recommended Daily Levels of water improves:

Visual and working memory

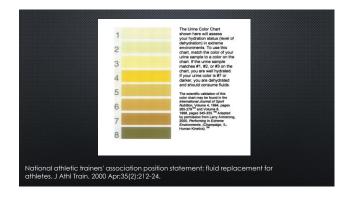
Executive function

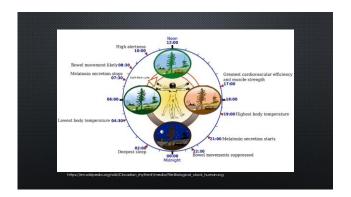
Perceived energy levels.

Memory

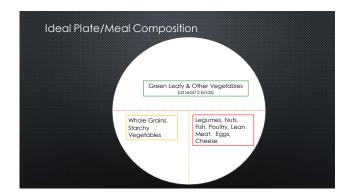
Focused attention

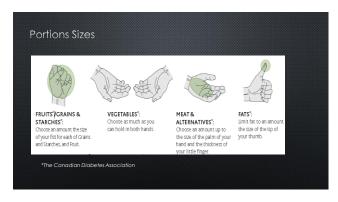
El-Sharkawy, Bragg et al. 2016; Slachenfeld, Leone et al. 2018; Benton, Jenkins et al. 2016











Let's discuss which meal is more likely to keep you awake and alert:

a) Grilled salmon salad: Green salad, grilled salmon, oil & vinegar dressing
b) Lentil soup: Lentils, olive oil, lemon juice, salt, spices & herbs
c) Chicken sandwich: Bread, grilled chicken breast, tomatoes, lettuce, avocado, mustard
d) Hummus and baby carrots





