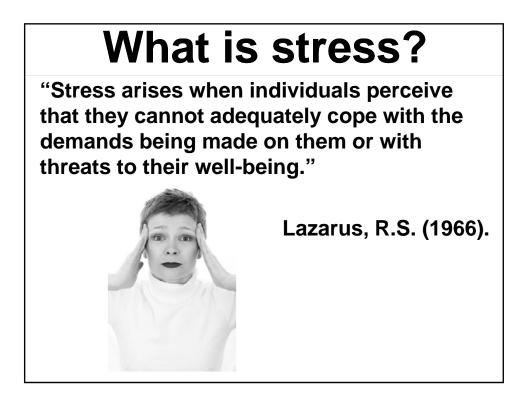
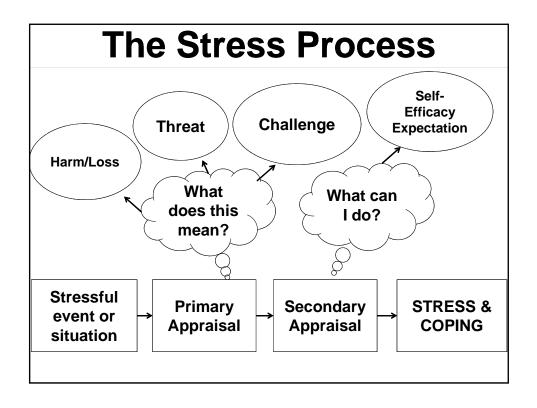
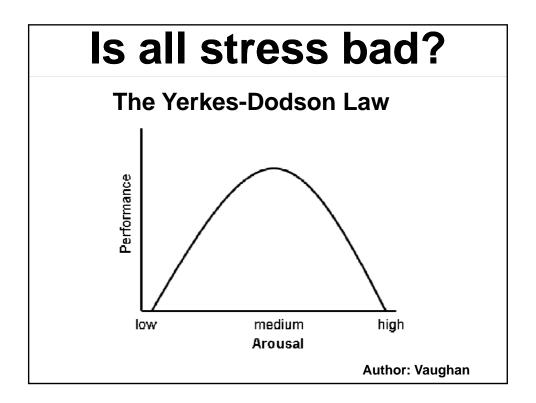


Emily K. Porensky, PhD Assistant Professor, Department of Psychiatry and Behavioral Health Department of Psychology The Ohio State University Wexner Medical Center







## **Common Life Stressors**

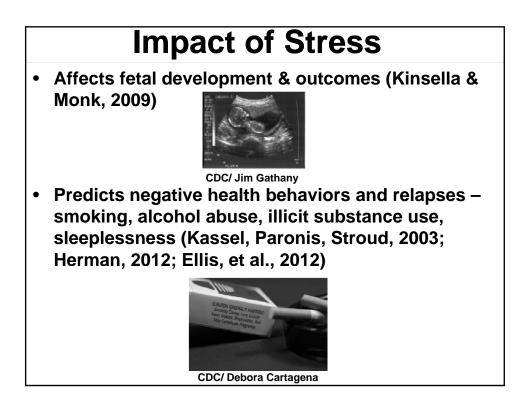
- Death
- Divorce
- Loss of a job
- Starting a new job
- Finances
- Getting married
- Moving
- Chronic illness or injury
- Interpersonal conflict
- Taking care of an elderly or sick family member

## **Work-Related Stressors**

- Being unhappy in your job
- Having a heavy workload or too much responsibility
- Working long hours
- Unclear expectations or no say in decisionmaking
- Working in dangerous conditions
- Insecurity about advancement or risk of termination
- Having to give speeches in front of colleagues
- Facing discrimination or harassment

# Impact of Stress 60-80% of outpatient visits may be related to stress (Rosch, 1991; Avey, Matheny, Robbins, & Jacobson, 2003)

- Linked to all leading physical causes of death - heart disease, cancer, stroke (Cohen, Janicki-Deverts, & Miller, 2007)
- Associated with development of most major mental health problems – depression, PTSD, pathologic aging (Marin et al., 2011)



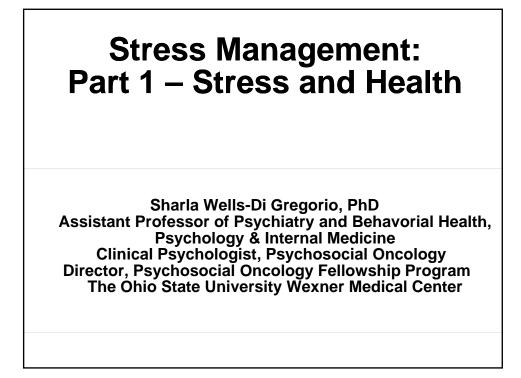
#### Primary Care: Stress Management Counseling

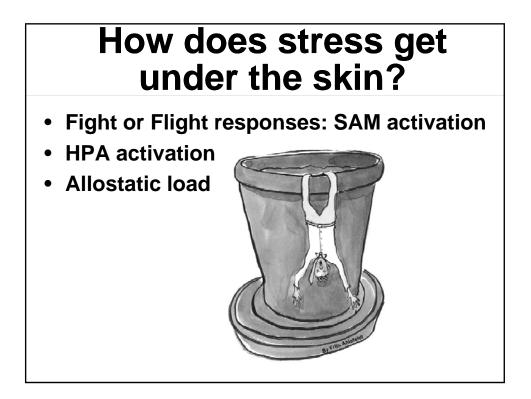
- National study suggests that only 3% office visits included stress management counseling by primary care physicians (Nerurkar, 2012; JAMA – Internal Medicine)
- 42% report receiving no instruction regarding stress and health outcomes in medical education
- 76% lacked confidence in their ability to counsel patients about stress
- 49% indicated a lack of referral sources (Avey, Matheny, Robbins, & Jacobson, 2003)

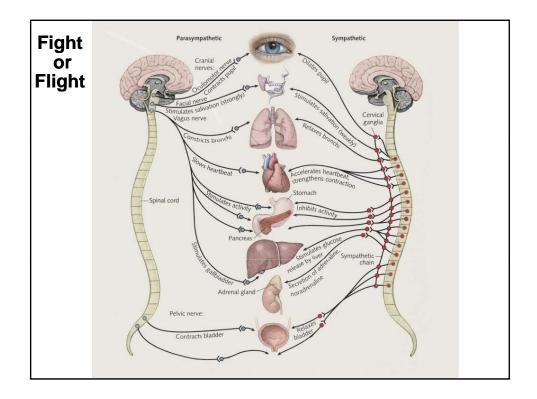
### Do as I say...Not as I do...

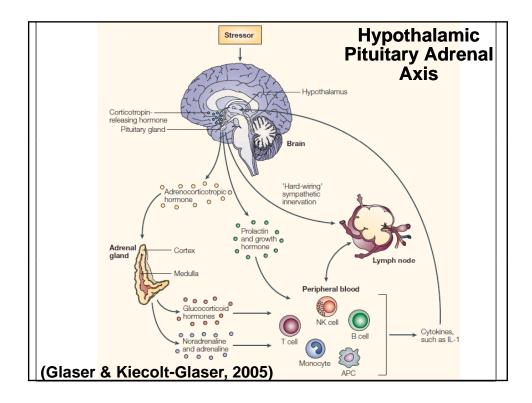
- 57% of outpatient medical clinic providers (physicians, residents, NP's, and PA's) report "rarely" or "never" practicing stress reduction techniques themselves
- Those who do practice use the following:
  - exercise (70%) meditation (32%)
  - imagery (26%) deep breathing (21%)
  - mindfulness(16%) PMR (16%)

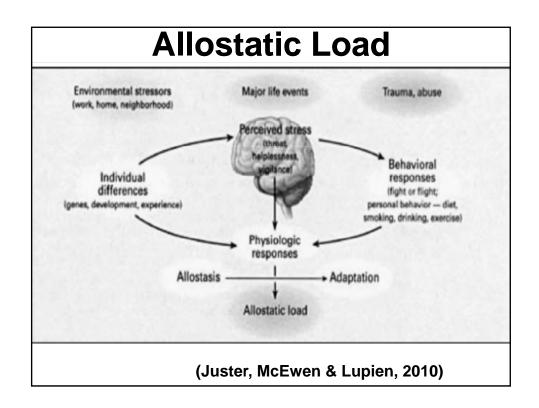
(Avey, Matheny, Robbins, & Jacobson, 2003)

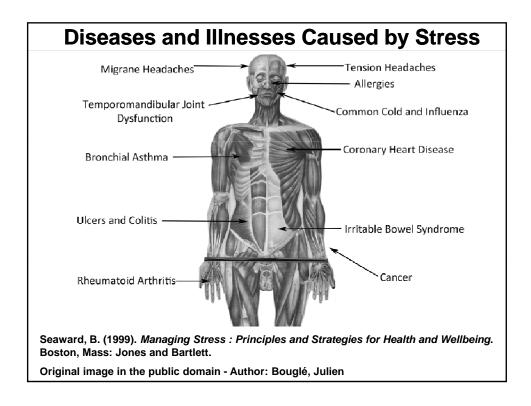












#### **Benefits of Stress Reduction**

- Better concentration/focus
- More stable moods
- Improved communication/relationships
- Better physical health
- Increased sense of control of time and activity



**CDC/Amanda Mills** 

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#### Stress Management: Part 2 – Interventions

Sharla Wells-Di Gregorio, PhD Assistant Professor of Psychiatry and Behavorial Health, Psychology & Internal Medicine Clinical Psychologist, Psychosocial Oncology Director, Psychosocial Oncology Fellowship Program The Ohio State University Wexner Medical Center

## Strategies that DO NOT work

- "Try to be more positive."
- "Everything will be okay."
- "Just stop worrying."
   (i.e., Don't worry, be happy.)
- Thought stopping (Wegner, 1994)
- Avoidance & numbing
  - Alcohol or drug use
  - Distraction & procrastination
- Anxiolytics
- 77% of the chronically anxious can improve with cognitive (thought) and behavioral (action) strategies

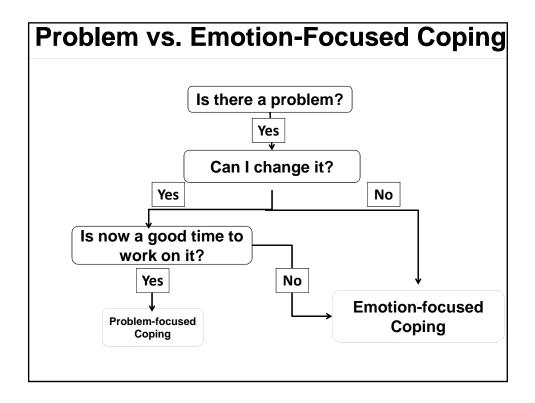


CDC/Debora Cartagena

#### Cognitive Behavioral Therapy (CBT)

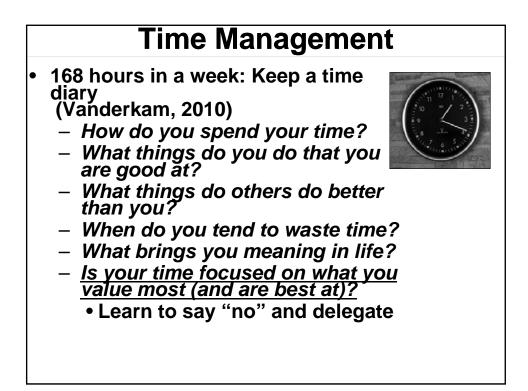
- Structured, brief and time-limited therapy
- Focused on current behavior
- Empirically-supported to treat a range of clinical problems, including:
  - Anxiety disorders and insomnia
  - Depression
  - Eating disorders
  - Chronic pain

Butler, Chapman, Forman & Beck, 2006



Problem-	Emotion-
focused Coping	focused Coping
<ul> <li>Problem-solving</li> <li>Getting organized</li> <li>Time-management</li> <li>Assertive communication to manage interpersonal stressors</li> <li>Obtaining instrumental social support</li> </ul>	<ul> <li>Distraction with pleasurable activities</li> <li>Talking with a friend</li> <li>Diaphragmatic breathing</li> <li>Relaxation</li> <li>Mindfulness</li> <li>Obtaining emotional support</li> </ul>

Step 1	Define the problem.
Step 2	Brainstorm solutions.
Step 3	Weigh alternatives.
Step 4	Select best alternative.
Step 5	Implement strategy.
Step 6	Monitor progress.
Step 7	Go to Step 1 if needed.

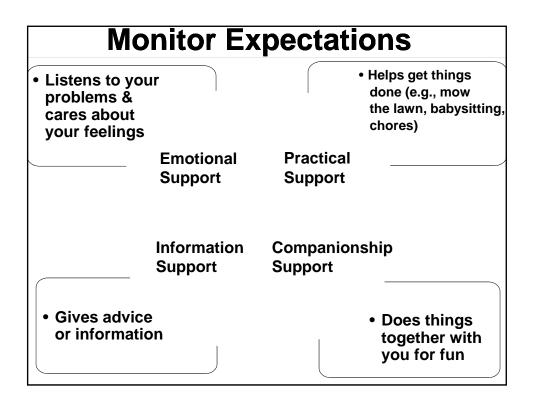


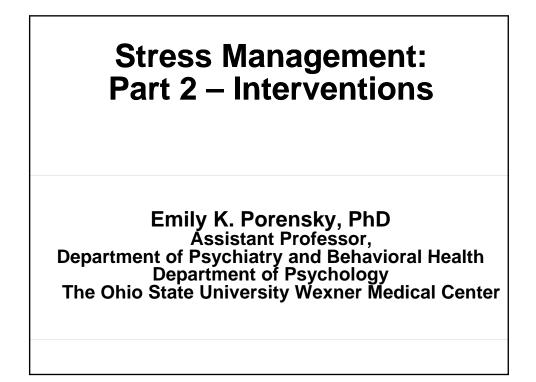
Other Tips for Managing Time		
<ul> <li>Clarify and set "SMART" goals.</li> </ul>		
S	Specific	
M	• Measurable	
A	Achievable	
R	Relevant	
T	• Time-based	
<ul> <li>Monitor p</li> <li>Celebrate</li> <li>failures</li> </ul>	progress e successes and examine	

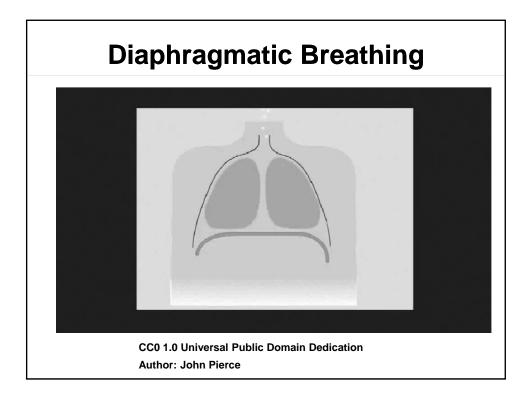
#### Managing Email & Smartphone Stress

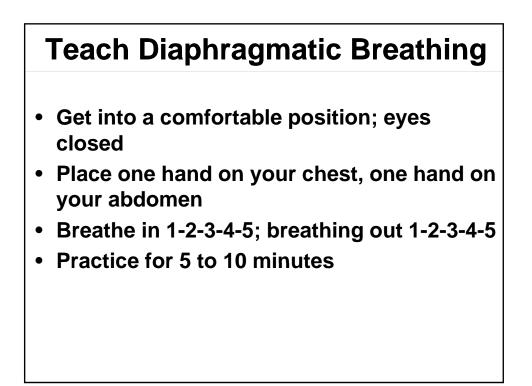
- Check email only at scheduled times
  - Start your day with the most stressful task
  - Save email checking for later in the day
  - Turn off audible alerts
- Have separate work and personal accounts
  - Remove yourself from listservs
- Block time to not answer your phone
  - Especially before bed!











## Progressive Muscle Relaxation

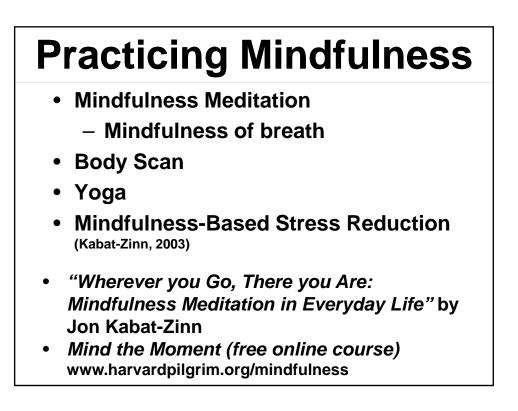
- Systematic tensing & relaxing of muscle groups (usually 14 or less)
- Produces relaxation response via:
  - ↑ awareness of muscle tension
  - Monitoring &  $\psi$  muscle tension
- Taught by trained clinician
  - Practiced at home in 10-15 minutes daily

# **Benefits of PMR**

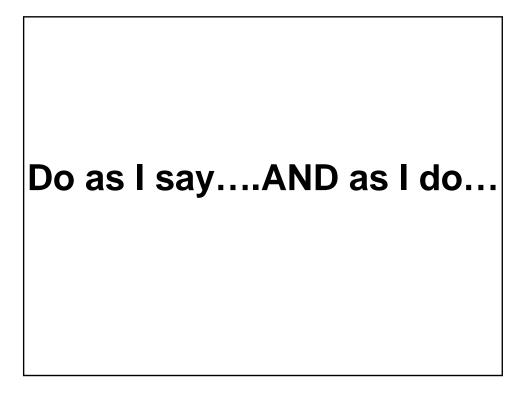
- Decreased pain
- Improved sleep
- Increased energy/decreased fatigue
- Decreased perceived stress & anxiety
- Improved relaxation
- Decreased physiologic indices of stress
  - Lower heart rate & salivary cortisol

McCallie & Blum, 2006; Parlow & Jones, 2002

# Mindfulness Being fully aware in the present moment, non-judgmentally Opposite of auto-pilot or multi-tasking Allows us to be aware of actions and emotions Increases our ability to prioritize, focus, and make life choices that are consistent with our values Associated with decreased stress and improved mental & physical health



Not Enough Time? Ask: "What is most stressful in your life right now?" AND Educate the patient about the importance/benefits of stress management THEN		
<ul> <li>2. Refer patients to a counselor for Cognitive Behavioral Therapy via:</li> <li>Employee Assistance Programs</li> <li>Ohio Psychological Association: www.ohpsych.org/referral/</li> <li>The internet: www.therapists.psychologytoday.com</li> <li>Community Mental Health Centers: mha.ohio.gov/</li> </ul>		
<ul> <li>3. Recommend classes in relaxation, mindfulness, or meditation:</li> <li>At Ohio State - http://medicalcenter.osu.edu/patientcare/healthcare_services/integrative_medicine linical-services/Pages/Mind-Body-Therapies.aspx</li> <li>At local YMCAs and health centers</li> </ul>		
<ol> <li>Recommend an online stress management workshop: <u>http://hillsborough.ifas.ufl.edu/family_life/stress_management.shtml</u> </li> </ol>		



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