Integrative Medicine and Cancer Care
A Population Health Clerkship Investigation
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Population of focus: Patients living with cancer of any form

Epidemiology:

http://www.cdc.gov/cancer/dcpc/data/ethnic.htm

Social determinants: An inverse correlation between cancer incidence and educational level/socioeconomic status, and an increased risk of distant-stage breast and prostate cancer at diagnosis for those with lower incomes, have both been demonstrated: by Clegg et al, 2009

Health Care Access Factors: Language, cost, transportation, knowledge of existing services, among other factors

Advocacy: The current focus of advocacy groups is to increase the availability of these services and ultimately improve the scope of care that is offered to patients.

Key advocacy groups:
• National Center for Complementary and Alternative Medicine (NCCAM)
• Society for Integrative Oncology
• American Holistic Medical Association

Service-Learning Project Goals:
1. Gain a better understanding of and experience different practices involved in integrative medicine.
2. Provide an online resource about these modalities and how to access them.

Progress: We have compiled information and resources focused around three integrative modalities: Mindfulness/Meditation, Yoga, and Acupuncture. This information is available to patients online:

Website: http://www.umassintegrativemedicine.org; see ‘Resources’

Outcomes: A feedback survey link is on our resource webpage. It is too early to assess outcomes, but we anticipate that any feedback will provide guidance to future clerkship groups.

Integrative Medicine Modalities covered in online resource:

Yoga: A mind body practice combining physical postures, breathing techniques, and mindfulness exercises aimed at promoting general well-being.

Meditation: The practice of clearing our minds of cluttered thoughts to achieve a relaxed mental and physical state.

Mindfulness: A practice of being fully present in each moment with non-judgmental acceptance.

Yoga has been shown to positively impact symptoms such as fatigue and vigor in cancer patients (Rover, et al. 2015).

Meditation has been shown to change brain structures associated with attentional and emotional regulation (Kang, et al. (2013)

Acupuncture: Acupuncture applies needles, heat, pressure, and other treatments to one or more places on the skin known as acupuncture points.

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Lessons Learned:
Many of these perceptions come from the model at the Fitchburg HealthAlliance Hospital and the Simonds-Hurd Complementary Care Center, where complementary and conventional practitioners may have uniquely close contact.

Recommendations for Next Steps:
• Our online component is a continually evolving resource: Additional resources and modalities can be added/updated on an ongoing basis.
• More integrative medicine and complementary care sites in the Worcester area to be explored
• Feedback from online survey to inform future content and organization of information on the website

References:

Special thanks to our faculty and community advisors & collaborators: UMASS: Melissa Rathmell, MD, Heather-Lyn Haley, PhD, Suzana Makowski, MD, MM, Jen Tja, MD, MSC * HeartWell Institute: Zayda Vallejo * Simonds-Hurd Complementary Care Center: Lynn Gerrits, MA * Kripalu: Lisa Nelson, MD * Healing Garden: Margaret Koch MA; Brianne Carter, LICSW, MTS

Gender effects of MRSA intervention on mental distress, perceived medical school stress and subjective wellbeing (de Vibe, et al, 2013)

http://www.cdc.gov/cancer/dcpc/data/ethnic.htm


http://sonoranwellness.com/acupuncture/