Making Exercise and Wellness Part of The Cancer Experience Carly Bailey, MA Program Director- Physical Activity and Integrative Oncology UNC Lineberger Comprehensive Cancer Center Bri Castrogivanni, MS Clinical Research Coordinator UNC Lineberger Comprehensive Cancer Center

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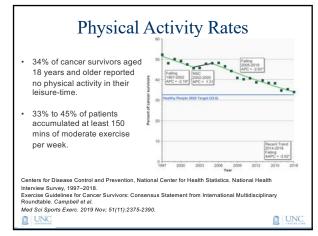
Presentation Outline

- · Part 1: Background
 - Benefits of exercise
 - ACSM Guidelines
 - Exercise Safety
- · Part 2: Resources at UNC
- Part 3: Engaging patients in exercise and wellness programs at your site

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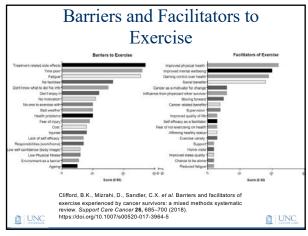
Exercise is Medicine

- American College of Sports Medicine global initiative to make physical activity assessment and promotion a standard in clinical care.
- Encourages health care providers to include physical activity when designing treatment plans to refer patients to evidence-based exercise programs and/or qualified exercise professionals.

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ACSM Guidelines for Cancer Patients and Survivors

- Avoid inactivity
- 150 min/week of moderate intensity aerobic exercise OR 75 min/week of high intensity aerobic exercise
- · Resistance training 2x/week

Campbell KL, Winters-Stone KM, et al. Exercise Guidelines for Cancer Survivors: Consensus Statement from International Multidisciplinary Roundtable. Med Sci Sports Exerc. 2019 Nov;51(11):2375-2390. doi: 10.1249/MSS.00000000000161. PMID: 31626055.

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Exercise Safety

- High Falls Risk, Uncontrolled co-morbidities (HBP, Afib, Diabetes), Cardiotoxicity, Cognitively Impaired (moderatesevere dementia). - Medical clearence needed
- Physical Therapy: A bridge to group and/or unsupervised exercise programs. Can help to correct impairments and limitations that may prevent a cancer patient or survivors from working towards the ACSM exercise recommendations
- Health-related fitness assessments may be valuable Examples: 6MWT, Gait Speed, SPPB, TUG, Berg Balance

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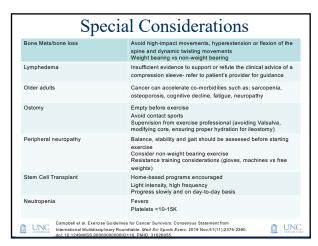
National Comprehensive Cancer Network. NCCN Clinical Practice Guidelines in Oncology - Survivorship. 2018; Version 2.2018.

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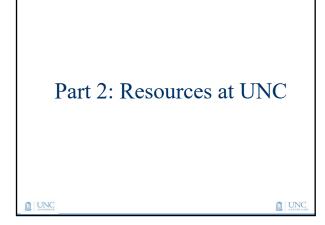
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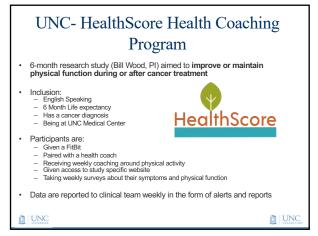


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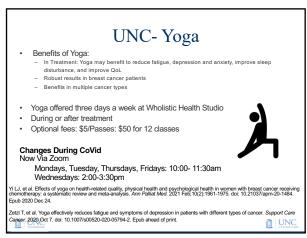
Get Real and Heel **Clinical Program Remote Programming** 16-week moderate intensity, individualized, comprehensive exercise All remote programming Classes are offered live via zoom 5 days a week program · Small groups, three times per week Recorded: posted to closed Facebook group and off-Facebook · Includes: aerobic, strength, flexibility, and balance training Open to all cancer patients and survivors regardless of cancer diagnosis, stage, or treatment type Still accepting new participants • Free Free Program requirements: Oncologist medical clearance Completion of a baseline physical assessment (provided by the GR&H team) UNC UNC

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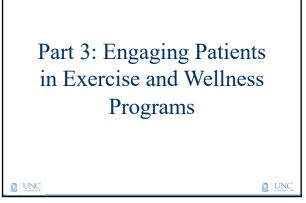
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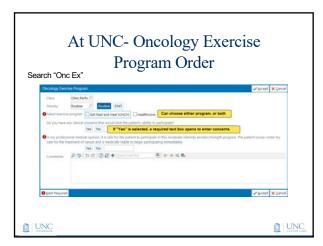


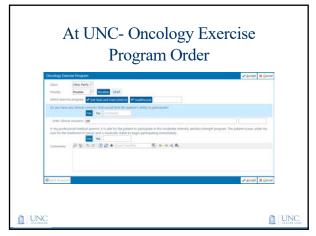




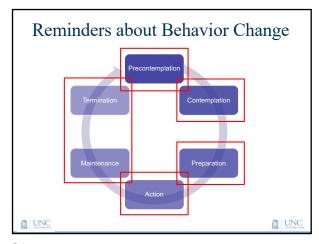
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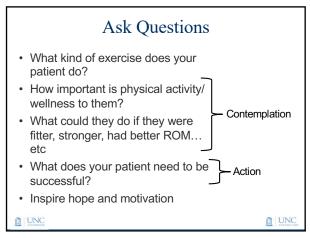






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Provide Education and Resources

- Simple ideas about what constitutes physical activity
- · Community Resources
 - LiveStrong
 - Cancer support programs
- Caregivers
- · Tracking resources

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Case Study

- · Patient Background:
 - 35 years old
 - Breast cancer, diagnosed 3 months ago
 - Currently on chemo
 - Planned surgery after chemo followed by radiation
- Setting the Scene: patient comes to your clinic feeling frustrated about worsening fatigue and concerned about her stamina being so poor that she won't be able to play with her children by the end of her treatment. She indicates that she is willing to try some exercise but is worried about it making her fatigue worse. She has exercised in the past but hasn't since her diagnosis.

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Case Study Continued

- · What Now?
 - Collect Information
 - What does she like to do for exercise? What experience does she have? Does she have a partner that can help her be accountable?
 - Provide education
 - · Data shows that exercise really helps fatigue!
 - Make A Plan
 - Goal Aerobic: 2x/week for 10-15 min. Increase in 2-5 min increments as symptoms allow.
 - Goal Strength Training: 10 reps each: sit to stands, calf raises, reverse sit ups

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Thank you!		- -	
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