

## Hollings Cancer Center

An NCI-Designated Cancer Center

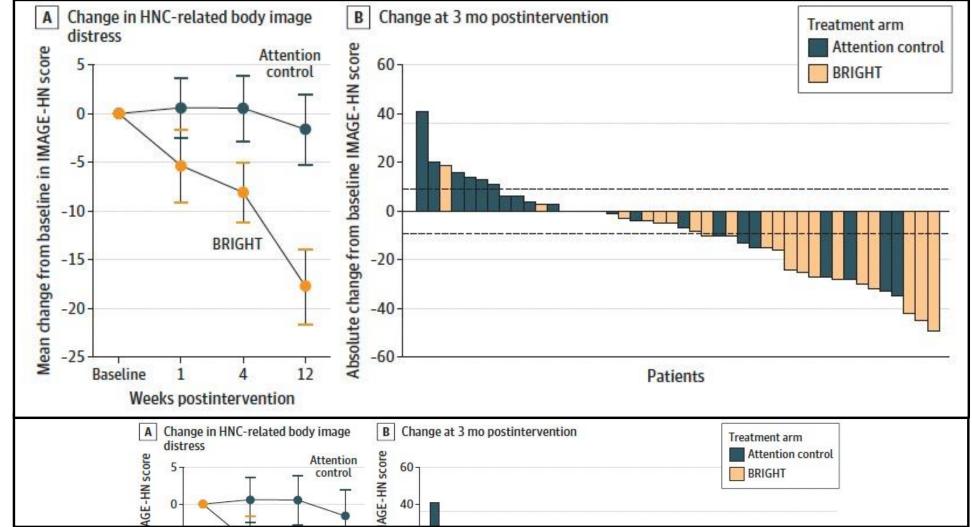
# Effects of a Brief Cognitive Behavioral Treatment vs Attention Control for Body Image-Related Distress Among Head and Neck Cancer Survivors: A Multi-Site RCT

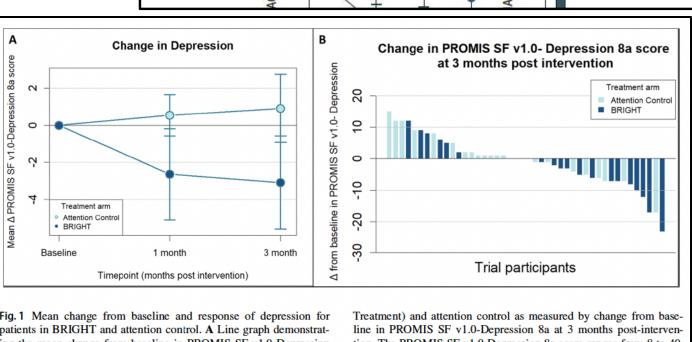
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#### Significance

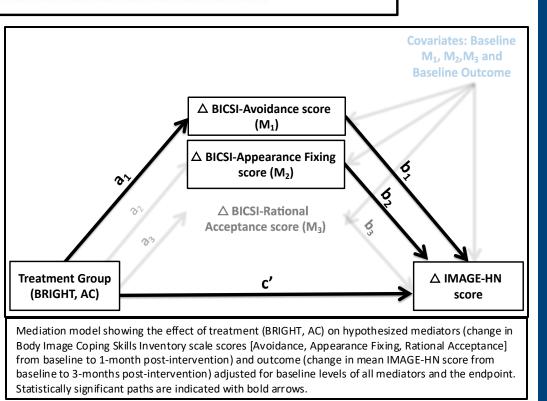
- 1 in 4 head and neck cancer (HNC) survivors suffers from clinically significant body image distress (BID), with subsequent psychosocial morbidity and decreased QOL.<sup>1</sup>
- Evidence-based interventions to manage BID among HNC survivors are lacking.<sup>2</sup>
- CBT is a promising approach to manage HNC-related BID.<sup>3</sup>
- Mechanisms underlying CBT for BID are poorly characterized
- We developed BRIGHT as a brief tailored CBT that targets maladaptive body image coping among HNC survivors. 4,5,6





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a scores over time by intervention allocation. Error bars represent with higher change scores indicating worse depression (and negative 1 SE above and below the mean. B Waterfall plot showing response

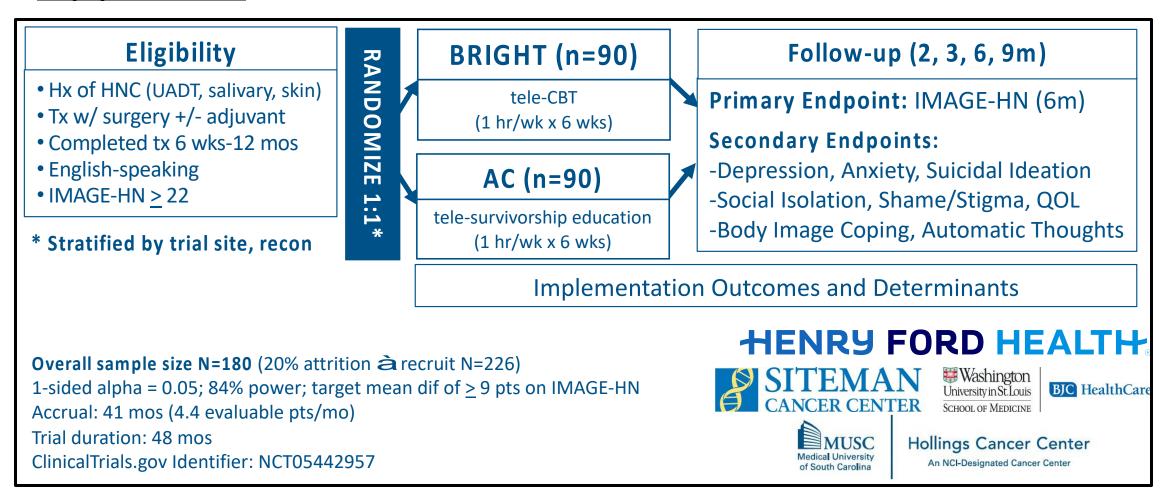


Study findings may support BRIGHT as a new standard of clinical care leading to improved psychosocial morbidity and QOL for HNC survivors; optimize the effectiveness of CBT for BID; and enhance the implementation of psychosocial interventions for cancer survivors in diverse care settings.



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### Approach



- BRIGHT = manualized, theory-based CBT consisting of 6 weekly 60-minute sessions delivered 1:1 by a psychologist via video telemedicine
- Attention Control (AC) = dose + delivery matched survivorship video education

#### **Future Directions**

- Hybrid effectiveness-implementation trials to evaluate BRIGHT in diverse settings
- Self-guided digital platform to enhance scalability and reach
- Current ly 4 patients enrolled at HFH, X across all sites Referencés

<sup>1</sup>Macias D, et al. Association of Inventory to Measure and Assess imaGe Disturbance – Head and Neck Scores With Clinically Meaningful Body Image-Related Distress Among Head and Neck Cancer Survivors. Front Psychol. 2021;12:794038. PMCID: PMC8702522

 $^2$ Fingeret MC, et al. Body image: a critical psychosocial issue for patients with head and neck cancer. Curr Oncol Rep. 2015;17(1):422.

<sup>3</sup>Graboyes EM, et al. Evaluation of a Novel Telemedicine-Based Intervention to Manage Body Image Disturbance in Head and Neck Cancer Survivors. Psycho-Oncology.

<sup>4</sup>Graboyes EM, et al. Efficacy of a Brief Tele-Cognitive Behavioral Treatment vs Attention Control for Head and Neck Cancer Survivors With Body Image Distress: A Pilot Randomized Clinical Trial. JAMA Otolaryngol Head Neck Surg. 2023;149(1):54-62. PMCID: PMC9716435. <sup>5</sup>Graboyes, EM et al. Efficacy of a brief cognitive behavioral therapy for head and neck cancer survivors with body image distress: secondary outcomes from the BRIGHT

<sup>6</sup>Graboyes EM, et al. Mechanism underlying a brief cognitive behavioral treatment for head and neck cancer survivors with body image distress. Support Care Cancer.