

Trial Name	Patient Population	Intervention Type	NH Stage Model	Mechanism(s) of Action	Clinical Outcome(s)	Feasible?	Collaboration with Royal Network	Advanced Adapted within NH stages within Royal Center?	Advanced Adapted outside Royal Center?	Next steps	Center/Institution	Collaborator	Trial PI	Trial PI ES Status	Study PI Promotability/Advancement	Paper 1 * indicates if manuscript includes results	Paper 2	Talk 1	Talk 2	Talk 3	Subsequent grant specific to advancing interventions along NH Stage Model	Subsequent grant related to Royal research
Acceptance and Mindfulness-Based Exposure Therapy (AMBT) in Cardiac Arrest Survivors with Elevated Posttraumatic Stress Disorder (PTSD) Symptoms	Cardiac Arrest (CA)	Acceptance and mindfulness-based exposure therapy	Stage I	PTSD symptoms, cardiac anxiety	Physical activity	Yes		Planned for next funding period, also considering adapting for early prevention intervention	No	Advancing to Stage II efficacy testing (Amended via Columbia Royal Center)	NYSPI, Columbia University Department of Psychiatry	Dr. David M. Bergman	Dr. David M. Bergman	Yes	Recruited to be a Practitioner and Researcher at the 2021 NYSPI after receiving the AMBT Study as a leading candidate. Published: Bergman, M., Mendenhall, S., Glick, A., Pines, C. T., Eisenberg, D., & Neria, Y. (2023). Acceptance and Mindfulness-Based Exposure Therapy (AMBT) After Cardiac Arrest: Feasibility Trial. The Journal of Clinical Psychiatry, 85(1).		From Survivors to Supporters: The Journey for Survivors and Caregivers" presented by Dr. David Bergman at the 2021 Cardiac Arrest Survival Summit, San Diego, CA on 12/08/2021	"Treating PTSD after Sudden Cardiac Arrest: Experiences from the AMBT Study" presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	"Acceptance and Mindfulness-Based Exposure Therapy (AMBT) After Cardiac Arrest: An Open Trial of a Novel Treatment Protocol" presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	Stage I efficacy testing funded via Columbia Royal Center, 2024. Acceptance and Mindfulness-Based Exposure Therapy (AMBT) for PTSD following Sudden Cardiac Arrest	Collaboration with Hunter Talbot sponsored by Royal	
Remote-delivered Mindfulness-Based Cognitive Therapy to Target Fear of Recurrence among SCAD Survivors	Sudden Coronary Artery Occlusion (SCAD)	Group mindfulness-based cognitive training	Stage I	PTSD symptoms, cardiac anxiety	Physical activity	Yes	No	No	No	Apply for R01 funding for stage I efficacy trial	MGH Harvard	MGH	Dr. Christine Liberto	Yes	PI promoted to faculty Assistant Professor of Psychiatry at Harvard Medical School, Faculty Director, MGH Women's Heart Health Institute, Living Center	Manuscript in Preparation (results)	Lopes, M., Hall, D., Wood, M., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Remotely-Delivered Mindfulness-Based Cognitive Therapy for SCAD Survivors: Preliminary Findings of an Open Pilot Trial. Poster at the 2022 International Congress on Integrated Medicine and Health, May 21-23, Phoenix, AZ	Lopes, M., Hall, D., Wood, M., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022, April). Remotely-delivered mindfulness-based cognitive therapy for SCAD survivors: Preliminary findings of an open pilot trial. Poster presented at the 2022 Massachusetts General Hospital November 17-20, New York, NY	Acceptance and Mindfulness-Based Exposure Therapy (AMBT) After Cardiac Arrest: An Open Trial of a Novel Treatment Protocol presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	Collaboration with Hunter Talbot sponsored by Royal		
Lab-Based Heart Rate Variability Training (HRVT)	Acute Coronary Syndrome (ACS)	Lab-based heart rate variability biofeedback training	Stage I	Anxiety sensitivity, PTSD symptoms	Respiration, physical activity	Yes	Yes, was selected to the Home-Based HRVT Study (CALME) in Year 2	Yes, was selected to the Home-Based HRVT Study (CALME) in Year 2	No	Advanced to feasibility testing of a scalable home-based protocol	CBCH	PhysioCon Design	Dr. Jeffrey Bink	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Feasibility testing of a scalable heart rate variability biofeedback intervention for reducing symptoms in cardiac arrest survivors. A pilot study presented by Dr. Jeffrey Bink at the 2022 Contemporary Clin Trials Conference, November 2024. PLoS ONE 19(10):e0231472. doi:10.1371/journal.pone.0231472	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Heart 2020: Collaborative and Multidisciplinary Pilot Presentation of the 20th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS), held in Seattle, Washington on June 8-11, 2020. "Treating PTSD after Sudden Cardiac Arrest: Experiences from the AMBT Study" presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	
Home-Based Heart Rate Variability Training: The Cave After Life: Treating Heart Events (CALME) Study	Cardiac Arrest (CA)	Home-based HRVT biofeedback training	Stage I	Anxiety sensitivity, PTSD symptoms	Respiration, physical activity	Yes	Planned for future Phase II testing in a larger population	Planned for future Phase II testing in a larger population	No	Demonstrated feasibility for cardiac arrest survivors with HRVT biofeedback, exploring continued stages I and II testing in ICU survivors	CBCH	Sudden Cardiac Arrest Foundation, USA	Dr. Jeffrey Bink	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Feasibility testing of a scalable heart rate variability biofeedback intervention for reducing symptoms in cardiac arrest survivors. A pilot study presented by Dr. Jeffrey Bink at the 2022 Contemporary Clin Trials Conference, November 2024. PLoS ONE 19(10):e0231472. doi:10.1371/journal.pone.0231472	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Heart 2020: Collaborative and Multidisciplinary Pilot Presentation of the 20th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS), held in Seattle, Washington on June 8-11, 2020. "Treating PTSD after Sudden Cardiac Arrest: Experiences from the AMBT Study" presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	
Initial Assessment of the Feasibility and Efficacy of a Scalable Digital CBT for Generalized Anxiety and Associated Health Behaviors in a Cardiovascular Disease Population	Cardiovascular disease events	Digital cognitive behavioral therapy for anxiety	Stage I and II	Anxiety	Physical activity	Yes	Advanced from stage I testing to stage II efficacy testing	Advanced from stage I testing to stage II efficacy testing	No	Advanced to feasibility testing of a scalable home-based protocol	Boston University	Big Health (digital age company)	Dr. Maria Comella	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Feasibility testing of a scalable heart rate variability biofeedback intervention for reducing symptoms in cardiac arrest survivors. A pilot study presented by Dr. Jeffrey Bink at the 2022 Contemporary Clin Trials Conference, November 2024. PLoS ONE 19(10):e0231472. doi:10.1371/journal.pone.0231472	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Heart 2020: Collaborative and Multidisciplinary Pilot Presentation of the 20th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS), held in Seattle, Washington on June 8-11, 2020. "Treating PTSD after Sudden Cardiac Arrest: Experiences from the AMBT Study" presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	
SLEEPWAT: A pilot sleep/orthostatic intervention to improve sleep following acute coronary syndrome	Acute Coronary Syndrome (ACS)	Combined orthostatic therapy for sleep	Stage I	Sleep duration, sleep quality, wakefulness after sleep onset	Insomnia, sleep quality, PTSD symptoms	Yes	Advanced from single group feasibility testing to a pilot RCT, currently underway, will apply for R01 funding for stage I efficacy trial	Advanced from single group feasibility testing to a pilot RCT, currently underway, will apply for R01 funding for stage I efficacy trial	No	Advanced to feasibility testing of a scalable home-based protocol	CBCH	Columbia University Department of Cardiology, Columbia Department of Emergency Medicine	Dr. Ari Shattell et al	No	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Comella, R., Lopez-Veneno, D., Kirsch, M., Edmondson, B., & Bink, J. L. (2020). Heart rate variability biofeedback to reduce psychological distress in patients after acute cardiac arrest: A pilot study. Poster presented at The 78th Annual Meeting of the American Psychosomatic Society, March 14-18, 2020, Long Beach, CA. Note: Conference cancelled due to COVID-19	Heart 2020: Collaborative and Multidisciplinary Pilot Presentation of the 20th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS), held in Seattle, Washington on June 8-11, 2020. "Treating PTSD after Sudden Cardiac Arrest: Experiences from the AMBT Study" presented by Dr. David Bergman at the 3rd Annual Resilience Conference, Boston, MA on 10/20/2021	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	ROI: (R151886) POSITIVE AND NEGATIVE PSYCHOLOGICAL DETERMINANTS OF RECOVERY AFTER CARDIAC ARREST (NINR48)	
FAID Fear: Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest: A Pilot Intervention Study	Family members of Cardiac Arrest (CA) patients	Family-Advised ICU day for family members of cardiac arrest patients	Stage I	Fear of recurrent cardiac arrest in their partner	PTSD symptoms	Yes	No	No	No	Applying for funding for a small, single-blind RCT and expansion to family members of patients with other types of ICU hospitalizations	CBCH	Columbia University Neurology Area Maria Venera's group at MGH	Dr. Tania Comella	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	
HEST: Reducing Exercise Sensitivity using Exposure Training	Acute Coronary Syndrome (ACS)	Intermittent low reduction training	Stage I	Exercise tolerance	Physical activity, adherence at cardiac rehabilitation	Yes	No	No	No	Planning a pilot RCT which can assess feasibility of conducting an RCT, modifying recruitment strategy and recruitment protocol to be more scalable	CBCH	NYU Digital Innovation Team, Columbia University Department of Rehabilitation Medicine, Samaritan Falls	Dr. Andrea Doren	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	
Pilot Study of Stable Glycerin Blockade (SGB) to Reduce PTSD Symptoms in Cardiac Arrest Survivors: A Pilot Randomized Clinical Trial	Cardiac Arrest (CA)	Stable glycerin blockade	Stage I	PTSD symptoms	Physical activity, medication adherence	No	No	No	No	Planned testing to test in subsequent setting	CBCH, Columbia University	Dr. Saeed Agawal	No	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Agawal, S., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).		
Early Psychological Intervention to Prevent Cardiovascular Event-Induced PTSD (WEIT)	Cardiac Arrest (CA)	Written exposure therapy	Stage I	PTSD symptoms	Physical activity, medication adherence	No	No	No	No	No	CBCH	VA National Center for PTSD, Boston University School of Medicine, and Brian P. Marx	Dr. Ian Sommer	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Agawal, S., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	
Feasibility and Acceptability of Pain Reappraisal Therapy (PRT) in Randomized Clinical Trials: A Pilot Study	Cardiac Arrest (CA)	Pain reappraisal therapy	Stage II	Fear of exercise	Physical activity	Study ongoing	Co-funded trial with Cornell Royal Center	Co-funded trial with Cornell Royal Center	No	No	University of Colorado	Cornell Royal Center (RRPCL)	Dr. Yoni Ahar	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Agawal, S., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	
Internet-delivered CBT/Exposure Therapy for anxiety after ACS	Acute Coronary Syndrome (ACS)	Internet-delivered exposure therapy	Stage II	PTSD symptoms, anxiety	Physical activity	Yes	Yes	Yes	Yes	Yes	Karolinska	Karolinska	Dr. Joaquin Sanroman	Yes	Dr. Sanroman promoted to first faculty position	Manuscript in Preparation (results)	Online Cognitive Behavioral Therapy Targeting Psychological Distress Following Open Heart Surgery: an Uncontrolled Pilot Study, abstract submitted for presentation at the 2022 American Heart Association Scientific Sessions, November 12-15, 2022, San Diego, CA	Online Cognitive Behavioral Therapy Targeting Psychological Distress Following Open Heart Surgery: an Uncontrolled Pilot Study, abstract submitted for presentation at the 2022 American Heart Association Scientific Sessions, November 12-15, 2022, San Diego, CA	Online Cognitive Behavioral Therapy Targeting Psychological Distress Following Open Heart Surgery: an Uncontrolled Pilot Study, abstract submitted for presentation at the 2022 American Heart Association Scientific Sessions, November 12-15, 2022, San Diego, CA	Online Cognitive Behavioral Therapy Targeting Psychological Distress Following Open Heart Surgery: an Uncontrolled Pilot Study, abstract submitted for presentation at the 2022 American Heart Association Scientific Sessions, November 12-15, 2022, San Diego, CA	Online Cognitive Behavioral Therapy Targeting Psychological Distress Following Open Heart Surgery: an Uncontrolled Pilot Study, abstract submitted for presentation at the 2022 American Heart Association Scientific Sessions, November 12-15, 2022, San Diego, CA	
ADIE: Aligned dimensions of interoceptive experience in patients with functional seizures	Functional seizures	Exercise-based interoceptive training	Stage I	Interoceptive bias	Frequency and severity of functional seizures	Yes	Yes	Yes	Yes	Yes	University College London (UCL)	University College London (UCL)	Dr. Martina Tregear	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Agawal, S., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	
Memoir Memory: A Mobile Application Exposure Therapy Intervention to Reduce Psychological Distress and Improve Health Behaviors Following Critical Illness	Critical Illness	Digital self-exposure therapy app	Stage I	PTSD symptoms	Physical activity	Yes	Yes	Yes	Yes	Yes	CBCH	Emory University, Vanderbilt University, Inc., CAIRO network	Dr. Nadia Lijnsma-Dor	Yes	Dr. Bink promoted from Instructor in Medical Sciences to Assistant Professor of Medical Sciences	Published: Agawal, S., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	
CATCHES: Community Health Worker-Assisted, Tailored Specific and Cognitive Therapy at Home with Exposure After Stroke	Stroke	Exposure therapy assisted by health workers	Stage I	Fear of falling	Physical therapy	Yes	Yes	Yes	Yes	Yes	CBCH	Department of Neurology, University of California, San Diego, CHW program by Yale	Dr. Inma Naeig	Yes	Applying for R01	Published: Agawal, S., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	Comella, T., Comella, T., Lopez-Veneno, D., Hall, D., Schuman, E.R., Schuman-Olsen, Z., Hooper, B.B., & Liberto, C.M. (2022). Family-Advised ICU Discharge to Reduce Fear in Patients Experiencing a Cardiac Arrest (FAID Fear): A Pilot Intervention Study. The Journal of Clinical Psychiatry, 85(1).	

<b>RESURFACE</b> (Rearranging Geographic Uncertainty to Reduce Fear and Anxiety after Cardiac Events, a Third Randomized Clinical Trial)	Cardiac Arrest (CA) survivors/family members	App-defined informed program	Stage I	Uncertainty	Physical activity	Yes			Columbia University School of Nursing (CUNY)	Heartlight	Dr. Sachin Aggarwal Dr. Taina Comolero Dr. Jeffrey Birk	Yes	Co-1, Dr. Comolero applying for her PhD 1	<b>"Resurfaces" in Preparation (results)</b>  2023 EASE World Expo in partnership with the National Association of Emergency Medical Technicians (NAEMT) The EASE Live From Cardiac Arrest Survival to Interventions for Survivors for All Who are Affected - New Orleans, LA	Honoring Samplings Uncertainty to Reduce Fear and Anxiety after Cardiac Events (RESURFACE): A Randomized Placebo-Controlled Study presented by Dr. Sachin Aggarwal to the European Association Council Congress in Athens, Greece in October 2024. This submission was selected for publication.
	CVD/ uncontrolled hypertension	Optimized medication strategies for adherence based adherence intervention	Stage II	Mitigation to engage in intervention	Initiation and engagement in exercise intervention, medication adherence, BP control	Study ongoing	Validated with <b>BMJ</b> <b>Respiratory Center</b> for messaging message framing strategy and conduct parallel randomized controlled trial, collaborating on lessons learned from		CUNY BMV	Bingham Hospital	Dr. Nathalia Jofre Dr. Jos Kerich	Yes	Dr. Byfield submitted R2.2		
<b>ENGAGE</b> Optimizing Recruitment Methodology for Disease Interventions	CVD/ uncontrolled hypertension	Optimized medication strategies for adherence based adherence intervention	Stage II	Mitigation to engage in intervention	Initiation and engagement in exercise intervention, medication adherence, BP control	Study ongoing	Validated with <b>BMJ</b> <b>Respiratory Center</b> for messaging message framing strategy and conduct parallel randomized controlled trial, collaborating on lessons learned from		CUNY BMV	Bingham Hospital	Dr. Nathalia Jofre Dr. Jos Kerich	Yes	Dr. Byfield submitted R2.2		
	CVD/ uncontrolled hypertension	Optimized medication strategies for adherence based adherence intervention	Stage II	Mitigation to engage in intervention	Initiation and engagement in exercise intervention, medication adherence, BP control	Study ongoing	Validated with <b>BMJ</b> <b>Respiratory Center</b> for messaging message framing strategy and conduct parallel randomized controlled trial, collaborating on lessons learned from		CUNY BMV	Bingham Hospital	Dr. Nathalia Jofre Dr. Jos Kerich	Yes	Dr. Byfield submitted R2.2		
<b>Accumulate and Mitigation-Based Exposure Therapy (AMBT) for PTSD Following Sudden Cardiac Arrest</b> (Accumulate and Mitigation-Based Exposure Therapy)	Cardiac Arrest (CA)	Accumulate and mitigation-based exposure therapy	Stage II	Intensive cognitive activation and threat drive	PTSD symptoms (primary)/Physical activity	In development			Columbia University Department of Psychiatry		Dr. Naga Borgeana Dr. Yusef Naga	No			
	CVD/Depression	Electronic patient activation tool designed to bridge depression screening with treatment ("Heart ChatCare")	Stage II	patient activation	Initiate depression treatment (primary), depressive symptoms	In development			CUNY	NYC Columbia Doctors	Dr. Nathalia Jofre Dr. Jos Kerich	No			