

**Targeted Rehabilitation and Evidence-based Active
Treatments (TREAT) for Sport-related Concussion:
Expanding Consensus in Concussion Care**

DAY 1

Saturday, April 20, 2024

7:00-7:45am	CHECK-IN/BREAKFAST Hang Posters	<i>Box Office Atrium</i> <i>Box Office Room 2</i>
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WELCOME/INTRODUCTION

7:45-8:00am	Welcoming Remarks <i>Macalus V. Hogan, MD, MBA</i> <i>Chair, Department of Orthopaedic Surgery</i> <i>University of Pittsburgh</i>	Box Office Room 1
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Introduction to the Conference
Micky Collins, PhD; Anthony Kontos, PhD
Conference Co-Chairs
University of Pittsburgh

SESSION 1- CONCUSSION CLINICAL PROFILES AND TARGETED TREATMENTS

Box Office Room 1

Moderator: Mark Lovell, PhD

8:00-8:30am	PRESENTATION 1 Concussion Clinical Profiles Model: Updates and New Evidence <i>Micky Collins, PhD- University of Pittsburgh</i>	
8:30-9:00am	PRESENTATION 2 Identification of Concussion Profiles and Effectiveness of Active, Targeted Treatments <i>Anthony P. Kontos, PhD- University of Pittsburgh</i>	
9:00-9:30am	PRESENTATION 3 The Anxiety/Mood Profile: A Deep Dive <i>Melissa Womble, PhD- INOVA Sports Concussion</i>	
9:30-9:45am	Session 1 Panel Discussion/Q & A	
9:45-10:00am	BREAK	

SESSION 2- MULTIDOMAIN CONCUSSION ASSESSMENTS

Box Office Room 1

Moderator: Anthony Kontos, PhD- University of Pittsburgh

10:00-10:30am	PRESENTATION 4
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Role of Risk Factors in Concussion Outcomes
RJ Elbin, PhD- University of Arkansas

10:30-11:00am PRESENTATION 5
Evidence for a Multidomain Concussion Assessment
Alicia Trbovich, PhD- University of Pittsburgh

11:00-11:30am PRESENTATION 6
Emerging Role of Biomarkers and Neuroimaging for Concussion
Michael McCrea, PhD- Medical College of Wisconsin

11:30-11:45am Session 2 Panel Discussion/Q & A

11:45-12:30pm LUNCH Box Office Room 2
Media Session

SESSION 3- ATHLETE PERSPECTIVE Box Office Room 1

Moderator: Micky Collins, PhD- University of Pittsburgh

12:30-1:30pm Athlete and Clinician Panel Discussion
Tua Tagavailoa or Kenny Pickett, Amanda Kessel, Ryan Blaney

SESSION 4- TARGETED TREATMENTS FOR CONCUSSION Box Office Room 1

Moderator: Alicia Trbovich, PhD- University of Pittsburgh

1:30-2:00pm PRESENTATION 7
Targeted Vestibular Rehabilitation following Concussion
Anne Mucha, DPT- Center for Rehab Services/UPMC

2:00-2:30pm PRESENTATION 8
The Role of Dynamic Exercise in Concussion Care
Sarah Ostop, DPT- Centers for Rehab Services/UPMC

2:30-3:00pm PRESENTATION 9
Emerging Medical Treatments for Concussion
David Brody, MD, PhD- Uniformed Services University of the Health Sciences

3:00-3:15pm Session 4 Panel Discussion/Q & A

3:15-3:30pm BREAK

SESSION 5- BEYOND CONSENSUS- A CRITICAL EXAMINATION OF CURRENT CONCUSSION CONSENSUS Box Office Room 1

Moderator: Micky Collins, PhD- University of Pittsburgh/UPMC

3:30-4:00pm PRESENTATION 10

The Evidence for Current Consensus Statements
Grant Iverson, PhD- Harvard University

4:00-4:25pm PRESENTATION 11
Current Consensus: What's Missing?
Phil Schatz, PhD- St. Joseph University

4:25-4:45pm PRESENTATION 13
Evidence for the SCOAT-6
Anthony Kontos, PhD- University of Pittsburgh/UPMC

4:45-5:00pm Session 5 Panel Discussion/Q & A

**SESSION 6- EMERGING FINDINGS IN CLINICAL CONCUSSION AND
BRAIN HEALTH RESEARCH: LIGHTNING LECTURES**

Box Office Room 1

Moderator: Anthony Kontos, PhD- University of Pittsburgh/UPMC

5:00-5:15pm PRESENTATION 14
Exercise and Autonomic Function: The Anxiety Problem
Aaron Zynda, PhD- University of Pittsburgh/UPMC

5:15-5:30pm PRESENTATION 15
Emerging Perspectives on Concussion Symptoms
Jonathan Preszler, PhD- Sanford Health

5:30-5:45pm PRESENTATION 16
Markers of Brain Health in Former Athletes: Emerging Findings
Shawn Eagle, PhD- University of Pittsburgh/UPMC

5:45-6:00pm PRESENTATION 17
Physical Activity, Sleep, and Other Long-term Outcomes following
Concussion
Kori Durfee, MS- University of Arkansas

6:00pm Adjournment

POSTER SESSION/RECEPTION

Box Office Room 2

6:00-7:30pm Poster Session and Reception

7:30-9:30pm *Faculty Dinner* *TBD*

DAY 2

Sunday, April 21, 2024

7:00-8:00am *Breakfast* *Box Office Room 1*

SESSION 7- EMERGING FINDINGS IN BRAIN HEALTH

Box Office Room 1

Moderator: Oscar Lopez, MD- University of Pittsburgh/UPMC

8:00-8:30am PRESENTATION 19
Former Professional Football Player's Brain Health Initiative: Emerging Findings
David Okonkwo, MD/PhD- University of Pittsburgh

8:30-9:00am PRESENTATION 20
The Football Players Health Study at Harvard University: What Are We Learning?
Rachel Grashow, PhD- Harvard University

9:00-9:30am PRESENTATION 21
University of Pittsburgh Brain Bank: The Future of Brain Health Research
Julia Kofler, MD- University of Pittsburgh/UPMC

9:30-9:45am Session 7 Panel Discussion/Q & A

9:45-10:00am *BREAK*

SESSION 8- TREATMENT APPLICATION & CASE PRESENTATIONS

Box Office Room 1

Moderator: Nate Kegel, PhD- University of Pittsburgh

10:00-10:20am PRESENTATION 22
Case 1
Micky Collins, PhD- University of Pittsburgh/UPMC

10:20-10:40am PRESENTATION 23
Case 2
Lisa Manderino, PhD- Aptiva Health Concussion Program

10:40-11:00am PRESENTATION 24
Case 3
Chris Burley, PsyD- UPMC/University of Pittsburgh

11:00-11:20am PRESENTATION 25
Case 4
Sabrina Jennings, PhD- INOVA Sports Concussion

11:20-11:45am Session 8 Clinician Panel Discussion/Q & A
Micky Collins, PhD- University of Pittsburgh/UPMC
Vanessa Fazio-Sumrock, PhD- University of Pittsburgh/UPMC

Jonathan French, PsyD - University of Pittsburgh/UPMC
Sabrina Jennings, PhD- INOVA Sports Concussion
Lisa Manderino, PhD- Aptiva Health Concussion Program
Chris Burley, PsyD- UPMC/University of Pittsburgh

CLOSING

Box Office Room 1

11:45-12:00pm

Closing Remarks

Micky Collins, PhD; Anthony Kontos, PhD
Conference Co-Chairs
University of Pittsburgh/UPMC

12:00pm

Adjournment

12:00-2:00pm

Closed Session and Lunch for Invited Faculty

Box Office Room 2