

# Therapeutic Use Exemption (TUE) Symposium Program

## Wednesday, May 31, 2023

17:00 – 19:00

### Registration and Cocktail

Location: Songdo Convensia

South Korea, Incheon, Yeonsu-gu, Songdo-dong, Central-ro, 123 송도컨벤시아

## Thursday, June 1, 2023

07:30 – 08:30

### Registration

Location: Songdo Convensia

08:30 – 09:00

### Opening Comments and Symposium Objectives

Mr. Yongman Cho, Vice Minister of Culture, Sports, and Tourism of the Republic of Korea

Dr. Young-Hee Lee, President of Korea Anti-Doping Agency (KADA)

Dr. Richard Budgett, Medical Chair, International Olympic Committee (IOC)

Dr. Susan White, Chair, WADA TUE Expert Advisory Group

Dr. Alan Vernec, WADA Chief Medical Officer

Introduction to WADA World Cup

09:00 – 09:30

### Keynote Lecture

#### Prescribing Banned Drugs to Athletes: Balancing Medical Care with Fair Play

Moderator: Dr. Alan Vernec

Presenter: Prof. David Gerrard, Emeritus Professor of Sport & Exercise Medicine, University of Otago and TUE Committee Chair of World Rugby and Drug-Free Sport New Zealand

This keynote presentation will discuss historical developments in the TUE process as a tool to preserve athletes' rights to safe, fair sport. It will explore stakeholder initiatives and highlight landmark clinical cases that have informed international standards for athletes' health and equitable competition.

09:30 – 09:50

**A Bird's Eye View of TUEs**

Presenter: Ms. Yoko Dozono, WADA Medical Manager

09:50 – 10:15

**To Be or Not to Be... on the Prohibited List**

Presenter: Dr. Richard Budgett

**10:15 – 10:45****Coffee Break – Meet your World Cup Team**

10:45 – 11:15

**Harmonization in a Diverse World**

Moderator: Dr. Richard Budgett

Presenter: Dr. Alan Vernec

11:15 – 12:00

**Supplements: Practical Tips – Living in the Real World**

Moderator: Dr. Susan White

**a) Advising on Risk Management**

Presenter: Dr. Larissa Trease, Sport &amp; Exercise Physician, Australasian College of Sport and Exercise Physicians (ACSEP)

**b) The Challenges of Traditional Medicines in Korea and Beyond**

Presenter: Prof. Sandy Rhie, PharmD, PhD; Board Member and Vice Chair, Investigation Committee, KADA and Head of Pharmacy Service, Organizing Committee for the 2018 PyeongChang Olympic &amp; Paralympic Games

**12:00 – 13:00****Lunch and World Cup Games**

13:00 – 14:30

**Challenging Medical Cases – Part 1**

Moderator: Dr. Susan White, Chair, WADA TUE EAG

**a) Adult-Onset ADHD and Stimulants**

Presenter: Dr. Susan White

Case 1: 28-year-old triathlete diagnosed with ADHD

**b) Relative Energy Deficiency in Sport (RED-S) and Low Testosterone**

Presenter: Dr. Ola Rønsen, Chief Medical Officer of Norwegian Ski Federation  
and WADA TUE EAG member  
Case 2: 18-year-old cyclist on testosterone

**c) Growth Hormone Deficiency**

Presenter: Dr. Alan Rogol, Professor Emeritus, Pediatrics and Pharmacology at  
the University of Virginia  
Case 3: 15-year-old female tennis player with isolated GHD

**14:30 – 15:00 Coffee Break and World Cup**

**15:00 – 16:00 Legally Speaking**

Moderator: Dr. Alan Vernec

**a) Doping Dilemmas and Code Conundrums**

Presenter: Ms. Elizabeth Riley, International Paralympic Committee (IPC) General  
Counsel

**b) The Late Show: Retroactive TUEs**

Presenters: Messrs. David Healy, WADA Senior Medical Manager, Ross  
Wenzel, WADA Senior Counsel, and Adam Klevinas, Lawyer  
and owner of Sportlex Group

Panel Discussion: Ms. Elizabeth Riley, Dr. Susan White, Ross Wenzel, Adam  
Klevinas, David Healy

**16:00 – 16:30 Challenges of a TUEC Physician**

Moderator: Dr. Ola Rønsen

Panel: Dr. Andrew Pipe: Professor, Faculty of Medicine, University of Ottawa,  
Athletics Integrity Unit (AIU) Board member and Fédération Internationale  
de Basketball (FIBA) Medical Commission member

Dr. Chin Sim Teoh: Senior Consultant, Sport & Exercise Medicine Centre  
Khoo Teck Puat Hospital Singapore and TUEC Chair of Anti-Doping  
Singapore

Dr. Bumjo Oh: Department of Family Medicine, Seoul National University  
Boramae Medical Center, Republic of Korea, TUEC KADA

16:30 – 17:00

**Glucocorticoids: Trends and Lessons since 2021**

Moderator: Dr. Young-Hee Lee

**a) Global Trends (WADA data) and the Australian (SIA) Experience**

Presenter: Dr. Susan White

**b) My ADO Experience**

Presenters: Dr. Antonio de Campos, Specialist in Sports Medicine, Comisión Española para la Lucha Antidopaje en el Deporte (CELAD) Medical Consultant for Spanish TUEC

Dr. Jieun Kwon, Department of Orthopedic Surgery, Ewha Womans University Mokdong Hospital, Seoul, Republic of Korea and Member of KADA TUEC

Dr. Pedro Goncalves, Science and Medical Manager, International Testing Agency (ITA)

17:00

Invitation by Dr. Young-Hee Lee to evening activities and WADA World Cup Update

**18:30 – 21:00**

**Dinner Hosted by KADA**

Location: Kyoung-Jae-Won Banquet Centre

## Friday, June 2, 2023 – Day 2

08:15 – 08:30

### **Presidential Address**

Mr. Witold Banka, WADA President

08:30 – 10:30

### **Challenging Medical Cases – Part 2**

Moderator: Dr. Simon Kemp, Sport Physician, Medical Services Director of Rugby Football Union and WADA TUE EAG member

#### **a) Wheezy Wheezy – Not So Easy: Beta-2 Agonists and Glucocorticoids**

Presenter: Dr. Katja Mjøsund, Specialist in Sport and Exercise Medicine, National Olympic Training Centre and WADA TUE EAG member

Case 4: Footballer with asthma exacerbations

#### **b) Joint Pain: Analgesics and Glucocorticoids**

Presenters: Dr. Eun-Kuk Kim, Medical Commission Member of International Skating Union (ISU) and Dr. Sebastian Thormann, Specialist in Orthopaedic Surgery and Traumatology and WADA TUE EAG member

Case 5: Judoka with knee pain

Case 6: Rugby player with shoulder pain

**Q & A** with Drs. Katja Mjøsund, Eun-Kuk Kim and Sebastian Thormann

#### **c) Infertility and Clomiphene**

Presenter: Prof. David Handelsman

Cases 7: Clomiphene for infertility in rower and triathlete

#### **d) Transgender and Differences of Sexual Development (DSD)**

Presenter: Matthew Fedoruk, United States Anti-Doping Agency (USADA) Chief Science Officer

Case 8: Transgender male wrestler

**Q & A** with Drs. David Handelsman, Matthew Fedoruk and Elizabeth Riley

10:30 – 11:00

**Coffee Break and World Cup**

11:00 – 12:00

### **Challenging Medical Cases – Part 3**

Moderator: Dr. Pedro Branco, TUE Commission member, World Athletics and WADA  
TUE EAG member

#### **a) Hypogonadism: Evaluating and Monitoring Low Testosterone**

Presenter: Prof. David Handelsman

Case 9: 18-year-old powerlifter with hypogonadism

#### **b) TUE Issues in Para-Athletes**

Introduction: Dr. Marcelo Patricio, IPC TUEC and Medical Committee, TUEC Chair  
IBSA, Virtus, IWAS/CPIIRA (World Ability sport)

Presenter: Dr. Matthew Fedoruk

Case 10: 26-year-old para-shooter

12:00 - 12:30

### **Quick Dives: Pearls from Around the World (Two minutes – Two slides)**

Moderator: Dr. Alan Vernec

Presenters: Multiple participants from ADOs

**12:30 – 13:30**

### **Lunch**

13:30 – 15:00

### **Ask an Expert – Everything You Always Wanted to Know about TUEs but Were Afraid to Ask**

#### **1) TUE Challenges and Medical Conditions**

Booth 1: Asthma – Dr. Katja Mjøsund

Booth 2: ADHD – Dr. Susan White

Booth 3: Supplements – Dr. Larissa Trease and Prof. Sandy Rhie

Booth 4: Glucocorticoids – Drs. Sebastian Thormann and Pedro Branco

Booth 5: IV/diuretics – Dr. Ola Rønsen

Booth 6: Pain – Dr. Young-Hee Lee

Booth 7: Hypogonadism – Dr. David Handelsman and Dr. Simon Kemp

Booth 8: Growth Hormone – Dr. Alan Rogol

#### **2) Code and ISTUE 2023**

Booth 9: In Korean – Ms. Yujin Hong, Manager, Medicine and Science  
Department, KADA

Booth 10: In English – Messrs. David Healy, Ross Wenzel, and Ms. Elizabeth  
Riley

### 3) **WADA Medical: Ask us anything!**

Booth 11: Screening/Cases/ADAMS: Ms. Yoko Dozono

Booth 12: Education/ADAMS: Ms. Katia Alloun, WADA Medical Manager

Booth 13: ADO Managers: Ms. Sylvie Goulet de Nesviginsky, TUE Support Manager

### 4) **Mini Poster Session**

Booth 14: Anti-Doping Norway – Pharmaceuticals and Supplements Reported on Doping Control Forms by Norwegian Athletes

### 5) **Parallel Session for ADO Managers (Ballroom A from 13:30 – 14:20)**

Moderator: Ms. Katia Alloun

WADA Medical: Ms. Sylvie Goulet de Nesviginsky and Dr. Pedro Goncalves

**15:00 – 15:30**

#### **Coffee Break**

15:30 – 15:50

#### **The Athlete's Perspective**

Moderator: Dr. Young-Hee Lee

Athlete: Ms. Hyejin Chang, Archer and Gold Medalist at the Rio 2016 Summer Olympics

15:50 – 16:15

#### **Ethics and Integrity in Sport: The Big Picture**

Moderator: Prof. David Gerrard

Presenter: Dr. Andrew Pipe

16:15 – 16:45

#### **Feedback and Discussion**

**WADA World Cup** – Day 2 winners and prizes – Dr. Young-Hee Lee

**Closing Address** – Dr. Susan White

**Closing Remarks** – Dr. Alan Vernece

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