Therapeutic Use Exemptions: Principles and Practice

WADA TUE Symposium, Paris 2014

Dr. Alan Vernec
Medical Director, World Anti-Doping Agency
Sport,
Anti-Doping
and the Prohibited List
Some athletes have legitimate medical conditions requiring the use of prohibited medications or methods.
The TUE process was created to ensure that athletes with medical conditions may compete in sport.

- It should not confer an advantage to the athlete.
- Concern that a TUE could be a “back-door” way to cheat.
“Athletes abusing doctor’s note system to benefit from banned drugs”

“TUEs are a ripe area for people to try to get around the rules and take banned substances without testing positive.”

Travis Tygart, USADA
Medical Exemption to Cheat?
World Anti-Doping Code and International Standards
4.1 of ISTUE:

a. The absence of treatment would cause a significant impairment to the athlete’s health

b. Treatment will produce no performance enhancing effect, other than the return to the athlete’s normal state of health

c. There is no reasonable permitted therapeutic alternative
World Anti-Doping Programme

THERAPEUTIC USE EXEMPTION GUIDELINES

Version 6.0
January 2012

USEFUL LINKS

Therapeutic Use Exemptions

Laboratories

USEFUL LINKS

Therapeutic Use Exemptions

Laboratories

POPULAR Q&A

ALL Q&A

0 What are the differences between the Haematological and the Steroidal Modules?

NEXT EVENTS

ALL EVENTS

SEP 20

WADA Executive Committee Meeting
ISTUE 2015

ADO Jurisdiction and TUE Recognition

- National Anti-Doping Organization
- International Federation
- Major Event Organizer
December 18, 2013
Reference: Arthur Vandalay

Mr. Vandalay is a 20 year old student at McMaster University. He is a high level athlete and has ADHD, a chronic medical condition.

His symptoms are well managed with Adderall 10 mg. 3 times/day. Mr. Vandalay needs his medication to function at school.

Quality TUEs

Include sufficient information to support the diagnosis

- Physician notes
- Laboratory and/or test results
- Imaging studies

J.R. Landis, M.D. FRCP; 84-432
Dueling Perspectives?

Treating Physician
My patient has a medical condition and this is the medication that he needs

TUE-C Physician
I must uphold the concept of fairness in sport. Convince me why this athlete should be exempted from the rules
TUE Recognition in ADAMS

IFs and MEOs may recognize TUEs
ADAMS and Automatic Recognition
ADAMS: TUEs by Substance Class 2009

- 21% - Glucocorticoids
- 68% - Beta-2 Agonists
- 3% - Stimulants
- 4% - Peptide Hormones, Growth Factors & Related substances
- 1% - Diuretics & other masking agents

Substance Classes:
- S1 - Anabolic agents
- S2 - Peptide Hormones, Growth Factors & Related substances
- S3 - Beta-2 Agonists
- S4 - Hormone & Metabolic Modulators
- S5 - Diuretics & other masking agents
- S6 - Stimulants
- S7 - Narcotics
- S8 - Cannabinoids
- M1 - Manipulation of Blood & Blood Components
- M2 - Chemical and Physical Manipulation
ADAMS: TUEs by Substance Class 2013

Glucocorticosteroids: 36%
Stimulants: 21%
Beta-2 Agonists: 5%
Peptide Hormones, Growth Factors & Related substances: 4%
Diuretics & other masking agents, 8%
Narcotics: 6%
Beta-Blockers: 1%
Chemical & Physical Manipulation, 1%
Cannabinoids, 1%
Manipulation of Blood & Blood Components, 1%

- S9. Glucocorticosteroids
- S6. Stimulants
- S3. Beta-2 Agonists
- S2. Peptide Hormones, Growth Factors & Related substances
- S5. Diuretics & other masking agents
- S7. Narcotics
- S1. Anabolic Agents
- P2. Beta-Blockers
- S4. Hormone & Metabolic Modulators
Quality TUEs

Resources:
- ISTUE
- TUE Guidelines
- TUE Physician Guidelines

Engage
Thank you! Merci!