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Educational, Scientific and
Cultural Organization

Organisation
des Nations Unies
pour l'éducation,
la science et la culture

Organización
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para la Educación,
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منظمة الأمم المتحدة
للتربية والعلم والثقافة

联合国教育、
科学及文化组织

The Director-General

РЕПУБЛИКА МАКЕДОНИЈА
АГЕНЦИЈА ЗА МЛАДИ И СПОРТ
СКОПЈЕ

Примено: 08-10-2013			
Орг. Един.	Број:	Прилог:	Вредност:
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To Ministers responsible for relations with
UNESCO of the States Parties to the
International Convention against Doping in
Sport

27_SEP 2013

Ref.: DG/3/13/5742

Sir/Madam,

I write following receipt of written communication from Mr Olivier Niggli, Legal Director of the World Anti-Doping Agency (WADA), by which he informs me that WADA has modified the Prohibited List - International Standard (hereinafter referred to as "the Prohibited List"), which is an integral part of the International Convention against Doping in Sport (hereinafter referred to as "the Convention") by virtue of its Article 4.3. It is attached to the Convention as Annex I. The 2014 Prohibited List has been adopted by WADA, in accordance with the guidelines for its periodic review set forth under the provisions of the World Anti-Doping Code.

In accordance with Article 34, paragraph 1, of the Convention, I wish to notify all States Parties of the changes approved by WADA, and to propose that Annex I of the Convention, which contain the Prohibited List be amended accordingly. Please find attached a document outlining the changes approved by WADA, as well as a copy of Annex I, which sets out the proposed amendments.

Pursuant to Article 34, paragraph 2, of the Convention, within the context of the present written consultation, States Parties have 45 days following this notification to express, in writing to the UNESCO Director-General, their objection to the proposed amendments.

Unless two-thirds of the States Parties have expressed their objection on or before 14 November 2013, the proposed amendments will be deemed approved by the Conference of Parties.

In accordance with Article 34, paragraph 3, of the Convention, the amendments deemed approved by the Conference of Parties through this written consultation will be notified to the States Parties. They will enter into force 45 days after said notification, except for any State Party having notified the UNESCO Director-General that it does not accept these amendments. States Parties having notified their non-acceptance will remain bound by Annex I as they were prior to their amendment, that is to say that they will remain bound by the 2013 Prohibited List

.../.

I encourage all States Parties to give due consideration to this issue. Adoption as part of the Convention of the latest Prohibited List, as adopted by WADA, is critical to international harmonization in the fight against doping in sport.

Accept, Sir/Madam, the assurances of my highest consideration .



Irina Bokova

Enc.



INTERNATIONAL CONVENTION AGAINST DOPING IN SPORT

Annex I - Prohibited List - International Standard

Paris, 1 January 2014

THE 2014 PROHIBITED LIST
WORLD ANTI-DOPING CODE

Valid 1 January 2014

In accordance with Article 4.2.2 of the World Anti-Doping Code, all *Prohibited Substances* shall be considered as "Specified Substances" except Substances in classes S1, S2, S4.4, S4.5, S6.a, and *Prohibited Methods* M1, M2 and M3.

SUBSTANCES AND METHODS PROHIBITED AT ALL TIMES (IN-AND OUT-OF-COMPETITION)

PROHIBITED SUBSTANCES

SO. NON-APPROVED SUBSTANCES

Any pharmacological substance which is not addressed by any of the subsequent sections of the List and with no current approval by any governmental regulatory health authority for human therapeutic use (e.g drugs under pre-clinical or clinical development or discontinued, designer drugs, substances approved only for veterinary use) is prohibited at all times.

Sl. ANABOLIC AGENTS

Anabolic agents are prohibited.

Sl.1. Anabolic Androgenic Steroids (AAS)

(a) Exogenous* AAS, including:

1-androstenediol (5 α -androst-1-ene-3 β ,17 β -diol); **1-androstenedione** (5 α -androst-1-ene-3,17-dione); **bolandi**ol (estr-4-ene-3 β ,17 β -diol); **bolasterone**; **boldenone**; **boldione** (androsta-1,4-diene-3,17-dione); **calusterone**; **clostebol**; **danazol** ([1,2]oxazolo[4',5':2,3]pregna-4-en-20-yn-17 α -ol); **dehydrochlormethyltestosterone** (4-chloro-17 β -hydroxy-17 α -methylandrosta-1,4-dien-3-one); **desoxymethyltestosterone** (17 α -methyl-5 α -androst-2-en-17 β -ol); **drostanolone**; **ethylestrenol** (19-norpregna-4-en-17 α -ol); **fluoxymesterone**; **formebolone**; **furazabol** (17 α -methyl[1,2,5]oxadiazolo[3',4':2,3]-5 α -androstan-17 β -ol); **gestrinone**; **4-**

methandriol; methasterone (17 β -hydroxy-2 α ,17 α -dimethyl-5 α -androst-3-one); **methyldienolone** (17 β -hydroxy-17 α -methylestr-4,9-dien-3-one); **methyl-1-testosterone** (17 β -hydroxy-17 α -methyl-5 α -androst-1-en-3-one); **methylnortestosterone** (17 β -hydroxy-17 α -methylestr-4-en-3-one); **methyltestosterone; metribolone** (methyltrienolone, 17 β -hydroxy-17 α -methylestr-4,9,11-trien-3-one); **mibolone**; **nandrolone; 19-norandrostenedione** (estr-4-ene-3,17-dione); **norboletone; norclostebol; norethandrolone; oxabolone; oxandrolone; oxymesterone; oxymetholone; prostanazol** (17 β -[(tetrahydropyran-2-yl)oxy]-1'H-pyrazolo[3,4:2,3]-5 α -androstane); **quinbolone; stanozolol; stenbolone; 1-testosterone** (17 β -hydroxy-5 α -androst-1-en-3-one); **tetrahydrogestrinone** (17-hydroxy-18 α -homo-19-nor-17 α -pregna-4,9,11-trien-3-one); **trenbolone** (17 β -hydroxyestr-4,9,11-trien-3-one); and other substances with a similar chemical structure or similar biological effect(s).

(b) Endogenous** AAS when administered exogenously:

androstenediol (androst-5-ene-3 β ,17 β -diol); **androstenedione** (androst-4-ene-3,17-dione); **dihydrotestosterone** (17 β -hydroxy-5 α -androst-3-one); **prasterone** (dehydroepiandrosterone, DHEA, 3 β -hydroxyandrost-5-en-17-one); **testosterone**;

and their metabolites and isomers, including but not limited to:

5 α -androstane-3 α ,17 α -diol; 5 α -androstane-3 α ,17 β -diol; 5 α -androstane-3 β ,17 α -diol; 5 α -androstane-3 β ,17 β -diol; androst-4-ene-3 α ,17 α -diol; androst-4-ene-3 α ,17 β -diol; androst-4-ene-3 β ,17 α -diol; androst-5-ene-3 α ,17 α -diol; androst-5-ene-3 α ,17 β -diol; androst-5-ene-3 β ,17 α -diol; 4-androstenediol (androst-4-ene-3 β ,17 β -diol); **5-androstenedione** (androst-5-ene-3,17-dione); **epi-dihydrotestosterone; epitestosterone; etiocholanolone; 3 α -hydroxy-5 α -androst-17-one; 3 β -hydroxy-5 α -androst-17-one; 7 α -hydroxy-DHEA ; 7 β -hydroxy-DHEA ; 7-keto-DHEA; 19-norandrosterone; 19-noretiocholanolone.**

For purposes of this section:

* "exogenous" refers to a substance which is not ordinarily produced by the body naturally.

** "endogenous" refers to a substance which is ordinarily produced by the body naturally.

SI.2. Other Anabolic Agents, including but not limited to:

Clenbuterol, selective androgen receptor modulators (SARMs), tibolone, zeranol, zilpaterol.

S2. PEPTIDE HORMONES, GROWTH FACTORS AND RELATED SUBSTANCES

The following substances, and other substances with similar chemical structure or similar biological effect(s), are prohibited:

- 1. Erythropoiesis-Stimulating Agents** [e.g. erythropoietin (EPO), darbepoetin (dEPO), hypoxia-inducible factor (HIF) stabilizers, methoxy polyethylene glycol-epoetin beta (CERA), peginesatide (Hematide)];
- 2. Chorionic Gonadotrophin (CG) and Luteinizing Hormone (LH)** and their releasing factors, in males;
- 3. Corticotrophins** and their releasing factors;
- 4. Growth Hormone (GH)** and its releasing factors and **Insulin-like Growth Factor-1 (IGF-1)**.

In addition, the following growth factors are prohibited

Fibroblast Growth Factors (FGFs), Hepatocyte Growth Factor (HGF), Mechano Growth Factors (MGFs), Platelet-Derived Growth Factor (PDGF), Vascular-Endothelial Growth Factor (VEGF) as well as any other growth factor affecting muscle, tendon or ligament protein synthesis/degradation, vascularisation, energy utilization, regenerative capacity or fibre type switching;

and other substances with similar chemical structure or similar biological effect(s).

S3. BETA-2 AGONISTS

All beta-2 agonists, including all optical isomers (e.g. *d*- and *l*-) where relevant, are prohibited except inhaled salbutamol (maximum 1600 micrograms over 24 hours), inhaled formoterol (maximum delivered dose 54 micrograms over 24 hours) and salmeterol when taken by inhalation in accordance with the manufacturers' recommended therapeutic regimen.

The presence in urine of salbutamol in excess of 1000 ng/mL or formoterol in excess of 40 ng/mL is presumed not to be an intended therapeutic use of the substance and will be considered as an *Adverse Analytical Finding* unless the *Athlete* proves, through a controlled pharmacokinetic study, that the abnormal result was the consequence of the use of the therapeutic inhaled dose up to the maximum indicated above.

S4. HORMONE AND METABOLIC MODULATORS

The following are prohibited:

1. **Aromatase inhibitors** including, but not limited to: **aminoglutethimide, anastrozole, androsta-1,4,6-triene-3,17-dione (androstatrienedione), 4-androstene-3,6, 17 trione (6-oxo), exemestane, formestane, letrozole, testolactone.**
2. **Selective estrogen receptor modulators (SERMs)** including, but not limited to: **raloxifene, tamoxifen, toremifene.**
3. **Other anti-estrogenic substances** including, but not limited to: **clomiphene, cyclofenil, fulvestrant.**
4. **Agents modifying myostatin function(s)** including, but not limited, to: **myostatin inhibitors.**
5. **Metabolic modulators:**
 - a) **Insulins**
 - b) **Peroxisome Proliferator Activated Receptor (PPAR α) agonists (e.g. GW 1516), PPAR α -AMP-activated protein kinase (AMPK) axis agonists (e.g. AICAR)**

SS. DIURETICS AND OTHER MASKING AGENTS

Masking agents are prohibited. They include:

Diuretics, desmopressin, plasma expanders (e.g. glycerol; intravenous administration of albumin, dextran, hydroxyethyl starch and mannitol), probenecid; and other substances with similar biological effect(s).
Local administration of felypressin in dental anaesthesia is not prohibited.

Diuretics include:

Acetazolamide, amiloride, bumetanide, canrenone, chlortalidone, etacrynic acid, furosemide, indapamide, metolazone, spironolactone, thiazides (e.g. bendroflumethiazide, chlorothiazide, hydrochlorothiazide), triamterene, vaptans (e.g. tolvaptan); and other substances with a similar chemical structure or similar biological effect(s) (except drospirenone, pamabrom and topical dorzolamide and brinzolamide, which are not prohibited).

The use *In-* and *Out-of-Competition*, as applicable, of any quantity of a substance subject to threshold limits (i.e. formoterol, salbutamol, cathine, ephedrine, methylephedrine and pseudoephedrine) in conjunction with a diuretic or other masking agent requires the deliverance of a specific Therapeutic Use Exemption for that substance in addition to the one granted for the diuretic or other masking agent.

PROHIBITED METHODS

M1. MANIPULATION OF BLOOD AND BLOOD COMPONENTS

The following are prohibited:

1. The administration or reintroduction of any quantity of autologous, allogenic (homologous) or heterologous blood or red blood cell products of any origin into the circulatory system.
2. Artificially enhancing the uptake, transport or delivery of oxygen, including, but not limited to, perfluorochemicals, efaproxiral (RSR13) and modified haemoglobin products (e.g. haemoglobin-based blood substitutes, microencapsulated haemoglobin products), excluding supplemental oxygen.
3. Any form of intravascular manipulation of the blood or blood components by physical or chemical means.

M2. CHEMICAL AND PHYSICAL MANIPULATION

The following are prohibited:

1. *Tampering*, or attempting to tamper, in order to alter the integrity and validity of *Samples* collected during *Doping Control*. These include but are not limited to urine substitution and/or adulteration (e.g. proteases).
2. Intravenous infusions and/or injections of more than 50 mL per 6 hour period except for those legitimately received in the course of hospital admissions or clinical investigations.

M3. GENE DOPING

The following, with the potential to enhance sport performance, are prohibited:

1. The transfer of polymers of nucleic acids or nucleic acid analogues;
2. The use of normal or genetically modified cells.

SUBSTANCES AND METHODS PROHIBITED IN-COMPETITION

In addition to the categories SO to SS and MI to M3 defined above, the following categories are prohibited *In-Competition*:

PROHIBITED SUBSTANCES

S6. STIMULANTS

All stimulants, including all optical isomers (e.g. *d*- and *l*-) where relevant, are prohibited, except imidazole derivatives for topical use and those stimulants included in the 2014 Monitoring Program.

Stimulants include:

(a) Non-Specified Stimulants:

Adrafinil; amfepramone; amphetamine; amfetaminil; amiphenazole; benfluorex; benzylpiperazine; bromantan; clobenzorex; cocaine; cropropamide; crotetamide; fencamine; fenetylline; fenfluramine; fenproporex; fontu racetam [4-phenylpiracetam (carphedon)]; furfenorex; mefenorex; mephentermine; mesocarb; metamfetamine (d-); p-methylamphetamine; modafinil; norfenflu ramine; phendimetrazine; phenmetrazine; phentermine; prenylamine; prolintane.

A stimulant not expressly listed in this section is a Specified Substance.

(b) Specified Stimulants (examples):

Benzfetamine; cathine; cathinone and its analogues (e.g. mephedrone, methedrone, α -pyrrolidinovalerophenone); dimethylamphetamine; ephedrine***; epinephrine**** (adrenaline); etamivan; etilamfetamine; etilefrine; famprofazone; fenbutrazate; fencamfamin; heptaminol; hydroxyamphetamine (parahydroamphetamine); isometheptene; levmetamfetamine; meclofenoxate; methylenedioxymethamphetamine; methylephedrine ***; methylhexanamine (dimethylpentylamine); methylphenidate; nikethamide; norfenefrine; octopamine; oxilofrine (methylsynephrine); pemoline; pentetrazol; phenpromethamine; propylhexedrine; pseudoephedrine *****; selegiline; sibutramine; strychnine; tenamfetamine (methylenedioxyamphetamine); trimetazidine; tuaminoheptane; and other substances with a similar chemical structure or similar biological effect(s).**

* The following substances included in the 2014 Monitoring Program (bupropion, caffeine, nicotine, phenylephrine, phenylpropanolamine, pipradol, synephrine) are not considered as *Prohibited Substances*.

** **Cathine** is prohibited when its concentration in urine is greater than 5 micrograms per milliliter.

*** Each of **ephedrine** and **methylephedrine** is prohibited when its concentration in urine is greater than 10 micrograms per milliliter.

*** Local administration (e.g. nasal, ophthalmologic) of **epinephrine (adrenaline)** or co-administration with local anaesthetic agents is not prohibited.

**** **Pseudoephedrine** is prohibited when its concentration in urine is greater than 150 micrograms per milliliter.

S7. NARCOTICS

The following are prohibited:

Buprenorphine, dextromoramide, diamorphine (heroin), fentanyl and its derivatives, hydromorphone, methadone, morphine, oxycodone, oxymorphone, pentazocine, pethidine.

S8. CANNABINOIDS

Natural (e.g. **cannabis, hashish, marijuana**) or synthetic **delta 9-tetrahydrocannabinol (THC)** and cannabimimetics (e.g. "**Spice**", **JWH018, JWH073, HU-210**) are prohibited.

S9. GLUCOCORTICOSTEROIDS

All glucocorticosteroids are prohibited when administered by oral, intravenous, intramuscular or rectal routes.

SUBSTANCES PROHIBITED IN PARTICULAR SPORTS

PI. ALCOHOL

Alcohol (**ethanol**) is prohibited *In-Competition* only, in the following sports. Detection will be conducted by analysis of breath and/or blood. The doping violation threshold is equivalent to a blood alcohol concentration of 0.10 g/L.

- Air Sports (FAI)
- Archery (WA)
- Automobile (FIA)
- Karate (WKF)
- Motorcycling (FIM)
- Powerboating (UIM)

P2. BETA-BLOCKERS

Unless otherwise specified, beta-blockers are prohibited *In-Competition* only, in the following sports.

- Archery (WA) (also prohibited *Out-of-Competition*)
- Automobile (FIA)
- Billiards (all disciplines) (WCBS)
- Darts (WDF)
- Golf (IGF)
- Shooting (ISSF, IPC) (also prohibited *Out-of-Competition*)
- Skiing/Snowboarding (FIS) in ski jumping, freestyle aerials/halfpipe and snowboard halfpipe/big air

Beta-blockers include, but are not limited to, the following:

Acebutolol, alprenolol, atenolol, betaxolol, bisoprolol, bunolol, carteolol, carvedilol, celiprolol, esmolol, labetalol, levobunolol, metipranolol, metoprolol, nadolol, oxprenolol, pindolol, propranolol, sotalol, timolol.

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The following are prohibited:

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A stimulant not expressly listed in this section is a Specified Substance.

b: Specified Stimulants (examples):

~~Adrenaline ^{xxx}; Benzfetamine; cathine ^{xxx} ^{xx}; cathinone and its analogues (e.g. mephedrone, methedrone, α -pyrrolidinovalerophenone); dimethylamphetamine; ephedrine ^{xxxx} ^{xxx}; epinephrine ^{xxxx} (adrenaline); etamivan; etilamfetamine; etilefrine; famprofazone; fenbutrazate; fencamfamin; heptaminol; hydroxymphetamine (parahydroamphetamine); isometheptene; levmetamfetamine; meclofenoxate; methylenedioxymethamphetamine; methylephedrine ^{xxxx} ^{xxx}; methylhexanamine (dimethylpentylamine); methylphenidate; nikethamide; norfenefrine; octopamine; oxilofrine (methysynephrine); parahydroxyamphetamine; pemoline; pentetrazol; phenpromethamine; propylhexedrine; pseudoephedrine ^{xxxx}; selegiline; sibutramine; strychnine; tenamfetamine (methylenedioxyamphetamine); trimetazidine; tuaminoheptane; and other substances with a similar chemical structure or similar biological effect(s).~~

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