

# **DOPAGE ET LUTTE ANTIDOPAGE**

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# 3 «univers» antidopage

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Avec leurs propres  
règles antidopage  
=

Non signataires du Code Mondial Antidopage



Code Mondial Antidopage (AMA)

+

Liste des Interdictions



INTERNATIONAL  
OLYMPIC  
COMMITTEE

Code Mondial Antidopage

+

Liste des Interdictions

+

Liste médicale



- 1 substance = Tramadol since 2019



QUARTZ Program

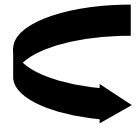
- >21 substances since 2008

# Les chiffres officiels du dopage

	Total Samples*	Urine (U)	Blood (B)	ABP	IC (U+B)	ODC (U+B)	AAF
2018	375,447	312,830	31,352	31,265	154,457	189,725	4,896
2017	351,180	294,291	27,759	29,130	151,380	170,670	4,596
2016	328,738	277,267	23,298	28,173	138,872	161,693	4,822



1,5% "contrôles positifs" (AAF)



"sans dopage" dans les 3 plus grandes compétitions mondiales



0 depuis 2012



0 depuis 1994



6 AAF sur 11090 athletes  
(0,05%)

Last 2012 (F. SCHLECK = furosemide)

Last 1994 (D.MARADONA = ephedrine)

\*2015 (L.PAOLINI = cocaine = recreational use)

# Les chiffres réels du dopage

2014

## Questionnaires

Sports Med  
DOI 10.1007/s40279-014-0247-x

REVIEW ARTICLE

### Prevalence of Doping Use in Elite Sports: A Review of Numbers and Methods

Olivier de Hon · Harm Kuipers ·  
Maarten van Bottenburg

#### 7 Conclusion

The most accurate way of estimating the prevalence of doping in elite sports is by using a combination of questionnaires using the RRT and models of biological parameters. So far, these evaluations have not been performed very often, or at least they have not been published. All doping-related discussions and decisions would be strengthened if this vital piece of information, i.e. scientifically reliable information on the prevalence of doping, becomes more readily available.

Current data suggest that 14-39 % of elite athletes are doping, but this figure needs further confirmation in different groups of athletes with varying levels and backgrounds. Doping prevalence can be expected to fluctuate substantially between different groups. However, the prevalence figure can be expected to be far higher than the average of 1-2 % of athletes who are caught with doping substances, or their metabolites, in their system. There are many efforts underway to close this gap, but this process is by no means complete.

2019

## Biological data

### Prevalence estimate of blood doping in elite track and field at the introduction of the Athlete Biological Passport

Raphael Faiss<sup>1\*</sup>, Jonas Saugy<sup>1</sup>, Alix Zollinger<sup>2</sup>, Neil Robinson<sup>3</sup>, Frédéric Schütz<sup>2,4</sup>, Martial Saugy<sup>1</sup>, Pierre-Yves Garnier<sup>5</sup>.

Our results from robust haematological parameters indicate an estimation of an overall blood doping prevalence of 18% in average in endurance athletes (95% Confidence Interval (C.I.) 14-22%). A higher prevalence was observed in female athletes (22%, C.I. 16-28%) than in male athletes (15%, C.I. 9-20%).

In conclusion, this study presents the first comparison of blood doping prevalence in elite athletes based on biological measurements from major international events that may help scientists and experts to use the ABP in a more efficient and deterrent way.

1 à 10%

# A crazy antidoping world !

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**Lance ARSMTRONG**

A doped athlete without positive\* doping controls (2012)  
>250 in 10 years



**Alberto SALAZAR**

A doping coach without doped athletes (2021)



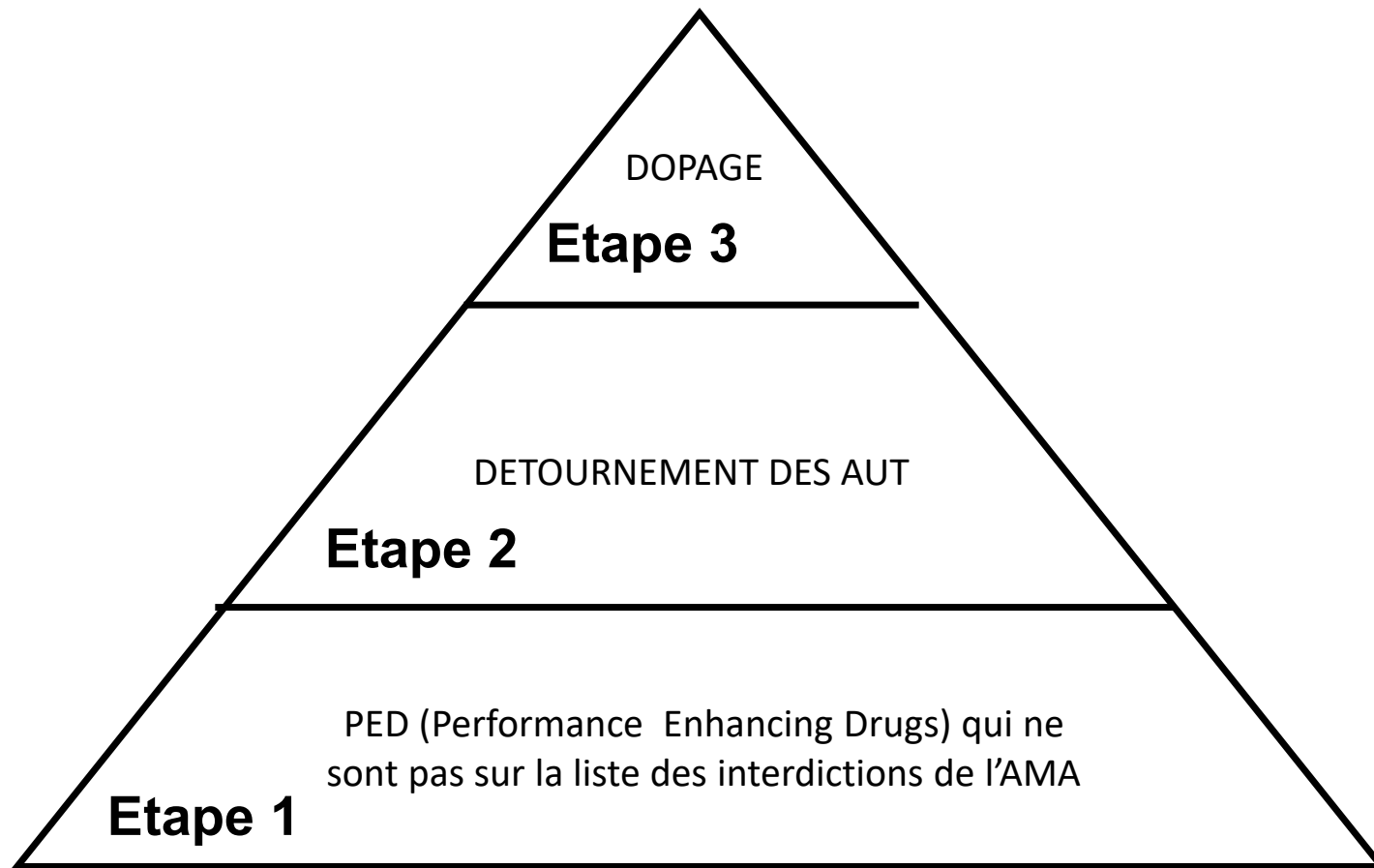
**Richard FREEMAN**

A doping doctor without doped athletes (2021)

\*From 1999 to 2009 >250 doping controls all negative\*\* using r-HuEpo; Gh, ABT, corticoids...

# Toujours le même schéma pour un sportif dopé...

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Un sportif qui se dope aura tendance à suivre les étapes 1, 2 et 3 dans cet ordre.

« Legal doping »