

# Import, seizure and analysis of prohibited doping products imported into Switzerland

Play the Game, 26-30 November, Eindhoven







#### Introduction

- Since October 2012 "new" Sports Law in Switzerland
  - Limit the availability of doping substances
  - Importation of doping substances is prohibited for everybody
- Cooperation between public authorities and National Anti-Doping Organization (ADCH)
- Seizures of doping products at the Swiss border are forwarded to ADCH
- Thousands of illicit doping products have been confiscated





#### **Methods**

- Study sample: products seized in 2013 and 2014
- Descriptive investigation of the seized parcels
- Questionnaire sent to the importer addresses
- Chemical analysis of more than 1000 products





#### Results I

- 1825 products in 960 parcels
- 83 % were destined for Switzerland
- 27 % were dispatched from Slovakia, 18 % from Greece,
  9 % from China and 8 % from the USA
- 35 % were manufactured in an Asian country
- 74 % were anabolics, 25 % testosterone esters
- 82 % of the importers had a male name

Weber C, Kamber M, Lentillon-Kaestner V, Krug O, Thevis M. Seizures of doping substances at the Swiss Border - a descriptive investigation. Forensic Science International. 2015;257:359-68.





#### Results II

		# (n = 147)	%
GENDER	Male	119	81 %
	Female	26	18 %
AGE	Under 20 years old	6	4 %
	Between 21 and 30 years old	46	31 %
	Between 31 and 40 years old	40	27 %
	Between 41 and 50 years old	27	18 %
	Over 50 years old	26	18 %
SPORT	Physically active	124	84 %
	Not physically active	21	14 %
	Sportclub membership	32	22 %
	Taking part in competitions	15	10 %
ORDERING	For themselves	125	85 %
	Do not resell	130	88 %
	Use of internet	76	<b>52</b> %

Weber C, Kamber M, Lentillon-Kaestner V. Are doping substances imported into Switzerland mainly to increase athletic performance? Performance antidoping.ch Enhancement & Health. 2016;5(2):66-76.

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#### Results III

WADA Class	Number of seizures	Accurately labelled products	Adulterated products	Substituted products	Inert products		
<b>S</b> 1	889 (75 %)	361 (41 %)	204 (23 %)	274 (31 %)	50 (6 %)		
<b>S2</b>	146 (12 %)	96 (66 %)	0 (0 %)	7 (5 %)	43 (30 %)		
S4	113 (9 %)	100 (88 %)	4 (4 %)	3 (3 %)	6 (5 %)		
Unknown / Mix	42 (3 %)						
Total	1190 (100 %)	557 (47 %)	208 (17 %)	284 (24 %)	99 (8 %)		

Weber C, Krug O, Kamber M, Thevis M. Qualitative and Semi-Quantitative Analysis of Doping Products Seized at the Swiss Border. Substance Use & Misuse. 2017;52(6):742-53.







#### Results III



Only 20 % (248) of the products were accurately labelled and within the anticipated concentration

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#### **Conclusion**











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## Thank you for your attention





