



# **EUROPEAN SCIENCE OPEN** **FORUM**

**DOPING: INCENTIVES vs PUNISHMENTS**

**Reflexions from a former handball player**

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**Barcelona, 22nd July 2008**

# ABOUT ME (I)

- **Professional handball player 1990-2005**
- **7 European champions league**
- **8 Spanish leagues**
- **87 International matches**
- **Bronze medalist Sydney 2000**
- **More than 1.000 goals**
- **54 national and international titles**



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# ABOUT ME (II)

**Physical improvement was my challenge**

2 Kg = 1 summer



Enough to improve and to play as a playmaker

Not enough to be a star

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# BALANCE

- **Doping could be a temptation**

Incentives:

- To be a better player
- Get more money
- More fame
- Play more minutes



Punishments:

- Suspension
- Betray my ideals
- Lost my image
- Lost confident from my friends
- End as a FC Barcelona player

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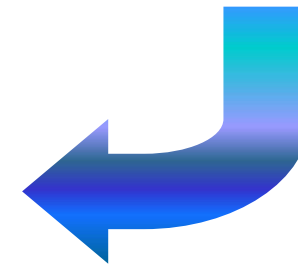
# DOPING CONTROL

- Contamination
  - Pills
  - Nutritional complements
- Sabotage
  - Grass hockey
- Error
  - Minimal probability



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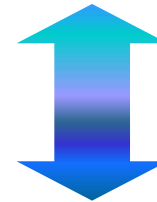
# INFLUENCES



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# INDIVIDUAL vs COLLECTIVE

- **Incentives for individual sports are more evident:**
  - **Physical aspects are more relevant. Less tactical skills required.**
  - **Without doping, competition is impossible (ex. cycling)**
  - **Just one athlete is not the same than a group of athletes.**



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# CLUB MANAGER

- **Main problem. No control over individual behaviors.**
- **Collateral impact: Image damage over sponsors and supporters. (Less revenues)**
- **Protection: Contract clauses to increase punishments.**



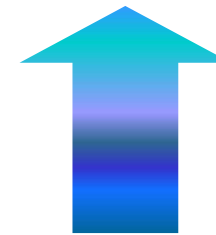
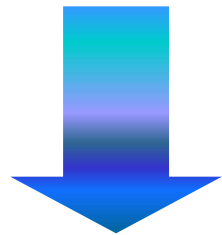
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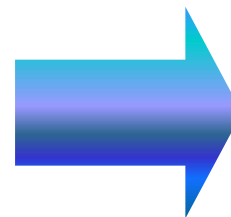
# FUTURE

•More money and media exposure.

•Rebalance the situation.



•More incentives to doping=> change balance.



•More and better controls and punishments

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**THANK YOU!**

Thank You!

Thank You!

**Thank You!**

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