“CATCH US IF YOU CAN”

Closing the gap on drug cheats in cycling

Play the Game Conference 2007
Who are we trying to catch?

At this stage, mostly professional road riders.
What are we protecting?

THE BEST CYCLISTS
THE BEST TEAMS
THE BEST EVENTS
How do we do it?
The chase is on: 1997 - 2006

Picking up the pace: 2006 - 2007

Closing the gap: 2008 onwards
The chase is on:

1997 - 2006
From 1997 to 2006

1. In-competition urine test program
   - 5,000 tests per year
   - EPO introduced in 2001

2. Pre-race blood screens
   - 2500 – 3000 screens per year
   - Haematological parameters
   - « No start » rule
<table>
<thead>
<tr>
<th>Parameters</th>
<th>Year of introduction</th>
<th>Limit for men</th>
<th>Limit for females</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haematocrit (%)</td>
<td>1997</td>
<td>&gt; 50%</td>
<td>&gt; 47%</td>
</tr>
<tr>
<td>Haemoglobin (g/dl)</td>
<td>2000</td>
<td>&gt; 17 g/dl</td>
<td>&gt; 16 g/dl</td>
</tr>
<tr>
<td>Free plasm Hb (mg/dl)</td>
<td>2003</td>
<td></td>
<td>&gt; 300 mg/dl</td>
</tr>
<tr>
<td>Stimulation Index [Sysmex] = Hb (g/L) - 60√ ret (%)</td>
<td>2004</td>
<td>133</td>
<td>123</td>
</tr>
<tr>
<td>Reticulocytes (%) [Sysmex]</td>
<td>2005</td>
<td></td>
<td>0.2%</td>
</tr>
</tbody>
</table>
Creating lab on the field

Hospital laboratory

Hotel room laboratory
Moving the « hotel » through the world
### External quality control for the hotel labs

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Median value other labs</th>
<th>n</th>
<th>Median value UCI labs</th>
<th>n</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reticulocytes</td>
<td>0.54</td>
<td>15</td>
<td>0.60</td>
<td>6</td>
<td>%</td>
</tr>
<tr>
<td>Haematocrit</td>
<td>43.1</td>
<td>17</td>
<td>43.9</td>
<td>6</td>
<td>%</td>
</tr>
<tr>
<td>Haemoglobin</td>
<td>144</td>
<td>17</td>
<td>144</td>
<td>6</td>
<td>g/l</td>
</tr>
</tbody>
</table>

**Graphical Representation**

- **Activity:**
  - Situation de votre résultat par rapport au groupe

**External Quality Control**

- Constituant : SG-RetiUCI %
- Tous systèmes confondus
- Utilisant votre procédure

- **CV**
  - 16.28 %
  - 16.28 %

- **Ecart-type**
  - 0.09

- **Valeur citée**
  - 0.60

- **Valeur FAC**
  - 0.17

**Evaluation**

- Conforme
- 2000 - Corticosteroids
- 2001 - EPO
- 2004 - Blood
  - Synthetic haemoglobin
  - Homologous transfusions
Picking up the pace:

2006 - 2007
• More testing

• « 100% Against Doping »

• Commitment of stakeholders
<table>
<thead>
<tr>
<th></th>
<th>Urine</th>
<th>Blood</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>In-competition</strong></td>
<td>5363</td>
<td>51</td>
</tr>
<tr>
<td><strong>Out of Competition</strong></td>
<td>152</td>
<td>4</td>
</tr>
<tr>
<td><strong>Pre- event</strong></td>
<td>2683</td>
<td>2700</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>8253</td>
<td>9790</td>
</tr>
</tbody>
</table>
### Strong testing at big events

<table>
<thead>
<tr>
<th></th>
<th>Urine</th>
<th>EPO</th>
<th>IRMS</th>
<th>Blood tests</th>
<th>Blood screens</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tour de France</strong></td>
<td>140</td>
<td>80</td>
<td>15</td>
<td>27</td>
<td>402</td>
</tr>
<tr>
<td><strong>Vuelta</strong></td>
<td>115</td>
<td>60</td>
<td>15</td>
<td>22</td>
<td>320</td>
</tr>
<tr>
<td><strong>CM Stuttgart</strong></td>
<td>48</td>
<td>24</td>
<td>48</td>
<td>33</td>
<td>124</td>
</tr>
</tbody>
</table>
- A special programme designed for the ProTour

- A combination of 8 different parts

- ProTeams, Pro Continental teams and Organisers contribute with:
  - Financial support
  - Public support
  - Practical support

« 100 % Against Doping »
1. OOC urine testing – (targeted)
2. IC and OOC blood testing – (targeted)
3. Blood screening
4. Individual profiling
5. Agreement to provide DNA
6. Participation in new test research
7. Increased security of samples
8. Quality control
Letter to the Editor
The International Cycling Union Unveils New Anti-Doping Program. How Much is Enough?

Basically, the innovative features contained in this thorough policy are expected to make it the most complete and pervasive anti-doping program developed so far by an international sport federation.

This innovative and pervasive initiative promoted by the ICU should be globally regarded as a valuable paradigm to be pursued by other sport federations.

Prof. Giuseppe Lippi, M.D.
Commitment of stakeholders

INTERNATIONAL CYCLING UNION

Riders’ commitment to a new cycling

I do solemnly declare, to my team, my colleagues, the International Cycling Union (UCI), the cycling movement and the public, that I am not involved in any doping case and that I will not commit any infringement to the UCI anti-doping rules.

As proof of my commitment, I accept, if it should happen, that I violate the rules and am granted a standard sanction of a two-year suspension or more — in the event of an appeal, when the Court of Arbitration for Sport (CAS) has announced its decision — to pay to the UCI, in addition to the standard sanctions, an amount equal to my annual salary for 2007 as a contribution to the fight against doping. Should I not receive a salary in 2007, an amount of 13,330 (thousand) Euros, which will be managed by the Council for the Fight Against Doping (CPAD), on which the Association Internationale des Groupes Cyclistes Professionnels (AIGCP) and the Cyclistes Professionnels Associés (CPA) are represented.

I accept the UCI’s wish to make my declaration public.

Done in __________________________ on __________________________ 2007.

Surname and first name: __________________________

Nativity: __________________________

Category (tick which is applicable): □ Men Elite
□ Men Under 23
□ Women

Signature: __________________________

NB:

This document is for riders from the following categories: Men Elite who do not belong to a UCI ProTeam or a professional continental team, Men Under 23 and Women. The document for riders who are members of UCI ProTeams and professional continental teams is the “Riders’ commitment to a new cycling” published on 19 June 2007.
## Commitment to a new cycling

- **TOTAL SIGNATURES**: 1229

<table>
<thead>
<tr>
<th>Category</th>
<th>Signatures</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProTeam Riders</td>
<td>541</td>
</tr>
<tr>
<td>Professional Continental Team riders</td>
<td>147</td>
</tr>
<tr>
<td>Non-professional riders</td>
<td>474</td>
</tr>
<tr>
<td>Managers and team staff</td>
<td>67</td>
</tr>
<tr>
<td><strong>TOTAL SIGNATURES</strong></td>
<td><strong>1229</strong></td>
</tr>
</tbody>
</table>
Closing the gap: 2008 and beyond
We will continue our high volume in-competition test program:
- 5500 urine
- 2500 blood

We will increase our out-of-competition testing
- 2500 urine  (increased from 1000 tests in 2007)
- 4500 blood  (increased from 500 tests in 2007)
We’ll create biological passports

12 x Blood
- 10 x IC
- 2 x OOC

4 x Urine
- 4 x IC
- All with EPO

Haematological profile + Steroid profile
We’ll provide education

- On-line education module
- International drug database
- Face-to-face sessions with ProRiders
Can we ever catch all the cheats?
We have the right assets

- We have experience
- We have the authority
- We have good relationships
- We have strong connections to the field
- We have the resources
- We have the determination
And most importantly – our partners

- Riders
- Teams
- National Federations
- Organisers
- WADA
- NADOs
- Laboratories
- Researchers
- Governments
Sharing relevant information

UCI

WADA

AUTHORIES

ATHLETES
● We’ve caught some

● We’ve missed some

● If we work together, we will close the gap completely
The chase continues....

Thank you