

PHENYLBUTAZONE

- REDUCED PLASMA LEVELS FROM

- 5 MICROGRAMS TO 2 MICROGRAMS

or

- 24 HR TO 48 HR WITHDRAWAL

**There may be no impact on pre-race physical exams if
the only concern is PB plasma reduction**

PB: The NY Experience

- From 1970s to 1990s NY regulated PB with a 2 microgram plasma level (48 hr rule)
- Thousands of samples tested, very few overages. Concentrations less than 2 ug/ml plasma. Usually less than one ug/ml.
- From early 2000 to present, rules changed to
 - 5 micrograms of phenylbutazone, iv, at 24 hrs
 - 20 nanograms of flunixin or 24 hrs
 - 20 nanograms of ketoprofen or 24 hrs

NY experience (cont'd)

- The plasma concentrations of phenylbutazone have remained the same since the threshold plasma levels were increased
or
- the withdrawal time decreased from 48 to 24 hrs
- Seldom are plasma levels above 2 ug / ml. Thousands of tests
- Factors other than PB must be in play. PB is only a part of the big picture

PHENYLBUTAZONE

- OTHER FACTORS TO CONSIDER
 - Other NSAIDs
 - Corticosteroids
 - Homeopathics
 - Shock wave therapy
 - Proteins, toxins, gene therapy, chemicals