

## **References and Studies with the Vienna Test System Sports Psychology Battery.**

### **Study with VTS Linked to Multimedia Biofeedback System.**

Since 1996 studies have been conducted with the Sport Institute at Eybl - SSM, (Salzburger Schul-Sport-Model), which has trained the elite Austrian skiers.

Training work was conducted using the linked Vienna Test System and Biofeedback 2000 Physiorecorder

VTS tests were : COG, DAUF, DT and AHA

PHR tests were: PHR function: EDA, pulse and breathing were recorded during the test phase

Research data from this study were presented at two German congresses:

Prieler, J., Antonius, K. & Gassner, C. (1998). Auswahl von Spitzensportlern (Selection of elite athletes). 41. Kongreß der Deutschen Gesellschaft für Psychologie (27.September – 1.Oktober 1998 TU Dresden)

Antonius, K. & Prieler, J. (1999). Selektion künftiger Spitzensportler (Selection of rising elite athletes). 4. Kongreß für Angewandte Psychologie (8.-10. Oktober an der Freien Universität Berlin)

### **Other studies with the Vienna Test system are as follows:**

1. Schaller,-Ludwig (1986). Effects of athletic training on ski racers' personality, concentration, and perceptual motor coordination
2. Philipp,-Andreas (1988), Ergopsychometrics in competitive sports
3. Amesberger,-Guenter; Frester,-Rolf; Hackfort,-Dieter (1998). Psychological aspects in junior top-level athletes
4. Gassner,-Christian (1998). Psychodiagnostic state assessment in junior top-level athletes

### **UK Universities using VTS.**

University of Wolverhampton

University College Chester.

Lincoln College

University of Aberystwyth

The recommended tests of the VTS Sports battery demonstrated are as follows.

DAUF, LTV, STROOP, DT, SMK, SBA, AHA and 4DPI.

Further option: In some cases add RT and MLS.

In some cases you can use COG instead of DAUF. Depending on the sport discipline. For team sports (Basketball, Volleyball, ..) COG fits better.

For disciplines with a long lasting attention (e.g. Tennis) DAUF would do better.

Research has shown an intellectual profile (ISA or SPM) seems necessary in case of young athletes without completed school education. The lack of education and maturity can interfere with attention, reactivity and personality.