

PharmaForum 2006
2. November in Darmstadt

1. University and Institution



*diagnostic assessment and
clinical research organization*

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DAaCRO was founded 2003 by Juliane Hellhammer, a former scientist of the Dept. of Psychobiology at Trier University.

2. Core competence

a. TSST – Trier Social Stress Test

The TSST was developed 15 years ago at Trier University. Since then, thousands of probands were tested. Today, the TSST is probably the most reliable, valid and best standardized laboratory protocol for the assessment of social stress and anxiety in humans (see Dickerson & Kemeny, 2004).

Based on many years of development and experience, DAaCRO provides today the highest standard and expertise to apply this protocol in clinical research. DAaCRO was the first CRO demonstrating the high sensitivity of the TSST to anxiolytic drugs (Fries, Hellhammer & Hellhammer, 2006)

b. Neuropattern™ – a new diagnostic tool for stress related disorders

A new diagnostic system based on the latest neurobiological data has been developed to improve our knowledge of the mechanisms of stress-related health disorders.

3. Cooperations offered and requested

a. CRO Services and Clinical Trial Conduct

We routinely perform the TSST in clinical trials and studies. From study planning, study preparation, clinical conduct, data analyses, study report, publication, scientific meetings and trainings we offer the whole spectrum of a CRO.

b. The Neuropattern™ - Stress Diagnostic Kit

This newly developed tool identifies neuroendophenotypes, which are associated with stress pathology. It can be used for both case studies in single patients and larger epidemiologic or clinical studies.

The Neuropattern™ Stress Diagnostic Kit consists of questionnaires for patients and his physicians and of endocrine and autonomic measures. An expert opinion is handed to the physician approximately 10 days after kit receipt of the lab.