



## Portfolio Research

Clinical trials involve a great deal of effort and this results in considerable costs. In order to perform such research projects, extensive preliminary investigations are necessary to justify subsequent large-scale trials both scientifically as well as financially.

When carrying out clinical and/or surgical trials, there are a myriad of scientific quality standards to be applied in accordance with "Good Clinical Practice". Included in such key success factors are the selection of the trial design, execution and, in particular, the data collection and data documentation.

Thereby our service spectrum is tailor-made to meet the various demands and requirements of your respective field. Together with you, we make the complex interrelationships and optimisation potential in your processes visible and usable.

SWAN - Scientific Workflow Analysis GmbH developed a new software-based methodology especially for medical field process acquisition and analysis. Using these means, we are able to support your research activities during the entire trial cycle. We start from the scientific and economic justification of your research and follow through to the data recording and data evaluation of your trial.

**High costs: clinical trials**

**Success factors :  
trial design and data  
collection**

**Identification of  
optimisation potentials**

**Methodology for software-  
based process data  
recording and analysis**



Use of our unique services enables you to significantly improve the quality and economics of your trials - and that without neglecting the complexity and variability characteristic of medical science.

**We are able to offer you:**

- **Process data collection**
- **Process data analyses**
- **Process modelling**
- **Guidance of clinical studies**
- **Comparison of operative techniques and technologies**
- **Surgical workflows**
- **Creation of standard operating procedures (SOP)**
- **Creation of medical guidelines**
- **Objective validation of research hypotheses**
- **Establishment of learning curves dealing with training**
- **Software-supported tools for process data collection and process data analysis**

**You profit from:**

- **Improvement of data base of scientific trials**
- **Boosting of success probability during execution of trials**
- **Increase quality of trial results**
- **Objective data for trial evaluations**
- **Increase of measured values**
- **Complete documentation of the trial process including external influence factors**
- **Conscientious and evidence-based process assessments**
- **Increase quality of research results**

**Service portfolio:**

**Process data recording**  
**Process data recording**  
**Process modelling**  
**Clinical trials**  
**Clinical guidelines**



SWAN - Scientific Workflow  
Analysis GmbH

Prager Straße 60  
04317 Leipzig  
Germany

Phone: +49-(0)341 355 26 148  
Fax: +49-(0)341 355 26 149  
info@scientific-analysis.com

www.scientific-analysis.com

