



## Portfolio Training

Modern medicine is characterised by its high complexity and variability. The reasons for this include: patient individuality, the treating staff, the devices and systems employed as well as the differing treatment strategies.

**Complexity and variability of medicine**

Medical professions are thereby subject to process oriented thinking and emphasis upon visual orientation. In order to boost both the learning and teaching efficiency, these aspects must be observed during basic and advanced medical training.

**Special training techniques required**

The learning and training concepts of SWAN – Scientific Workflow Analysis GmbH integrate this complexity and variability. At the same time, we combine these concepts with didactically optimised process visualisations, e.g. via audio, video and animation. This facilitates the trainees' comprehension and absorption of complex interrelationships. Moreover, the contents presented to the trainees can be customised depending on their educational background, capabilities and information requirements. This likewise enables an objective assessment of the trainees during basic and advanced training programmes.

**Innovative training and learning concepts**



**We are able to offer you** the following services regarding basic and advanced medical training:

- **Creation of e-Learning systems and learning software**
- **Development of training software within the context of simulation systems**
- **Creation, modelling and visualisation of**
  - **complex and abstract medical processes**
  - **standardised intervention strategies (Best Practice)**

**Service portfolio:**

**e-Learning systems**  
**Learning software**  
**Training software**  
**Models**  
**Visualisations**

**You profit from:**

- **Highly efficient support of the learning and teaching process**
- **Integrated learning in existing workflows**

***Benefits for trainees***

- Rapid, interactive learning
- Sustainable learning
- Practice-oriented learning
- Temporally and geographically independent learning

***Benefits for instructors***

- Resource-efficient training
- Facilitated transfer of complex bodies of knowledge
- Innovative and pedagogically optimised learning systems
- Individualised testing components



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