

Recommendation of the WFITN regarding simulation in neurointerventional training

The WFITN recommends using simulation for basic training in neurointervention and encourages the development of new applications covering all aspects of neurointerventions.

These tools are currently used in health specialities training programs and have significant potential value in neurointervention.

The ultimate goal of training with simulation is to improve skills and reduce complications during patient management.

Simulation is only part of the training curriculum. It cannot replace clinical teaching and should be performed under the supervision of an expert in the field.

Main applications for simulation

- Assessment of clinical decision making
- Teaching of basic technical approaches
- Teaching of the common endovascular procedures
- Manipulation of devices
- Self-training to improve personal skills
- Management of common neurointerventional procedures
- Management of complications
- Assessment of new devices/techniques
- Assessment of operator skills

In order to reduce the complications related to the learning curve, simulation is highly recommended as part of training prior to initiating clinical practice.