Jerry just died – high level Cardio-Pulmonary-cerebral-resuscitation (CPCR)

Elena Russold
Veterinary University Vienna, Vienna, Austria
elena.russold@vetmeduni.ac.at

This workshop is a hands-on training of Cardio-pulmonary-cerebral-resuscitation (CPCR) on a dog (dummy). A team of at least five trainees works together with a tutor.

After a short introduction into CPCR in the dog and into the workshop itself, the trainees are taught to perform gold-standard CPCR beginning with a “basic complication” that occurs rather frequently in daily clinical practice. To facilitate the involvement in the exercise a dummy is used. After each resuscitation the decisions that have been made, their reasoning and their timing are reflected by the tutor and analyzed together with the team. This reflective approach strongly aids learning and can be further supported by a second team of students that act as observers and support the reflection phase. This social interaction and the support by peers is an integral part of the training process and helps to accelerate team building as the team will not only learn the correct way of performing CPCR but also recognize that this can only be achieved successfully as a team. This process can further be supported by the tutor through artificially introduced disturbances of the process, e.g.: missing drugs, materials, sudden change in vital parameters.

In repeated cycles the degree of difficulty can be changed and more complex medical complications can be introduced. By means of the virtual monitoring system I-Simulate the scenario and condition of the patient can be controlled by the tutor. Thus the trainees can be guided towards more difficult and more challenging emergencies, teaching them gold-standard CPCR under ever more challenging conditions. The two groups of students will exchange roles between repeated runs, so that observers become actors and vice versa. Introduction of a video recording for later analysis can further support the reflective discussion after each exercise.