2. Quality:
The 2005 Resuscitation Guidelines focus on the importance of Quality CPR in order to increase survival rates from sudden cardiac arrest. The three most important factors in Quality CPR are:
1. Quality compressions
2. Quality ventilations
3. Minimal interruptions (hands-off time)
Resusci Anne Skills Station objectively measures all performance parameters (rate, ratio, volume, depth, etc.), and provides both supportive and corrective voice feedback to the trainee according to the recommendations in the Guidelines 2005. Below is an example of how research* has shown that automated voice feedback has been proven highly effective in correcting CPR performance:

3. Cost-efficiency:
CPR courses have traditionally consisted of an instructor giving a limited number of trainees a 3-4 hours course. In addition to the fact that the teacher-student ratio is poor, the hands-on time per student would normally be limited in such a course.
A study* published in Resuscitation shows that almost 75% of the costs in traditional CPR training is related to student-costs and instructor-costs (man-hours). By self-directing the CPR training by using Resusci Anne Skills Station the time needed for each student is much shorter than traditional courses. In addition there is no need for an instructor as the system will guide the students through the full round of training. Finally the costs related to administrating the CPR training is greatly improved by utilizing the Competence Management System to keep track of trainees’ progress, certifications and even automatically notify them when re-training is due.

1. Quantity:
The Resusci Anne Skills Station is a system designed to be able to handle large numbers of CPR trainees. If the system is available to trainees 24/7, we recommend one station per 1200 users. If the system is available to trainees during regular working hours only, we recommend one station per 400 users. These numbers are based on a yearly re-training frequency. Several stations can be connected to the same competence Management System.
Extensive customisation possibilities

All parts of the RA Skills Station software is highly customisable. This has been done to allow organisations to adapt the product to their own visual branding and their own curriculum. These are the parts that can be customised:

- **The graphical interface** can be adapted to create a look and feel that closely resembles the organisation’s own visual branding.
- **The introduction video** can be replaced with a video made locally in order for the organisation to emphasise local curriculum.
- **Both the text and graphics on the certificate issued when the trainees pass their test** can be customised.
- **The parameters guiding the feedback** can be tuned to fit most curricula in CPR. This will result in the voice-feedback being adjusted accordingly.

**Product benefits:**

- **Educational** by focusing on the core skills for CPR training. With the integrated Q-CPR Measurement and Feedback Technology trainees are guided with real-time CPR voice feedback according to 2005 AHA/ERC Guidelines for Resuscitation.
- **Educationally intensive** by offering 24/7 system availability for training and certification and by utilizing research proven principles of self-directed learning with voice feedback.
- **Cost efficient** by offering a pay-per-certification license model which gives Educators and Administrators full overview of CPR training costs per person. Also, the trainees can have just-in-time training when their availability is the best for training, and the system is based on the principle of Self-Directed Learning so is not dependent on the availability of an instructor.

**Product features:**

- **Fully standalone 24/7 BLS training and certification** allows for large numbers of people to be trained in CPR. The system will automatically remind trainees to re-train, web-based calendar allows for booking of the RA Skills Station software on PC connected to manikin measures and provides corrective and supportive voice feedback, and certificate on completed training and certification is produced automatically.
- **Q-CPR Measurement and Feedback Technology** provides real-time guiding voice feedback on the quality of CPR performed.
- **Customization** can easily be done by the customer.
- **Modular design** allows several “training rooms” to be established according to number and distribution of trainees. New adult or infant manikins can be added to the system as training needs grow.
- **Debriefing according to ERC/AHA 2005 Guidelines**