



A member of the
Global Resuscitation Alliance

2022



Resuscitation Academy Germany

Systemic improvements over 24 months for excellent out-of-hospital cardiac arrest outcomes

SITUATION

The first Resuscitation Academy Germany (RAD) aims to improve the outcome after out-of-hospital cardiac arrest (OHCA) systemically and sustainably according to Eisenberg's 10-step program developed in Seattle/King County, USA. Supported by the State of Schleswig-Holstein and the Damp Foundation, these 10 steps are established for the first time with a study and project plan adapted to German conditions under the leadership of the Institute for Emergency Medicine of the University Medical Center Schleswig-Holstein.

INTERVENTIONS

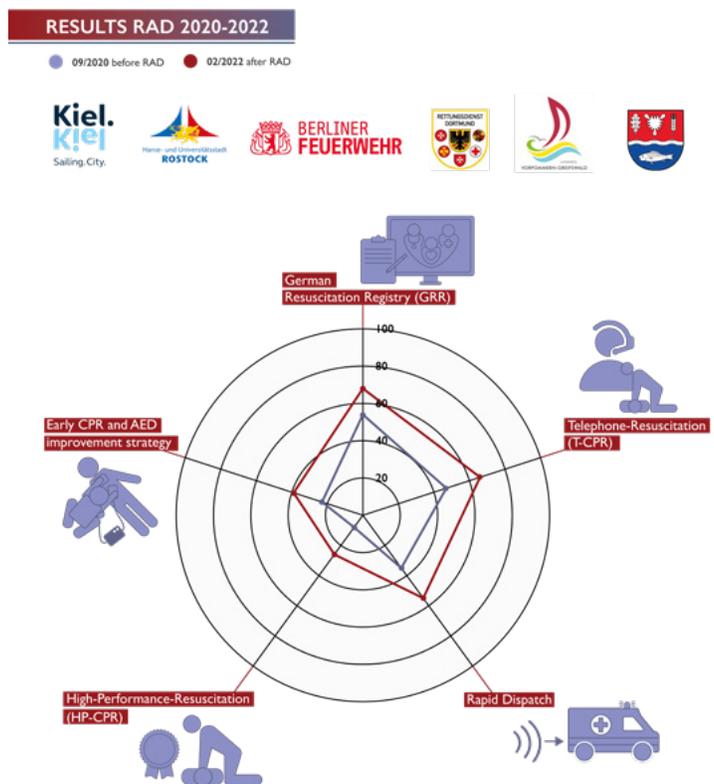
The Resuscitation Academy Germany was launched in January 2020. It involves six EMS regions (Berlin, Dortmund, Kiel, Plön, Vorpommern-Greifswald, Rostock) and runs for 30 months following a structured process with continuous monitoring and ongoing sequential meetings. A key focus is on the implementation of local projects. The goal is the systemic and continuous improvement measured by the German Resuscitation Registry (GRR) and the „RAD-Online-Tool.“ The „RAD-Online-Tool“ is a system-self-assessment tool (SSAT) used at different points over the study period.

RESULTS

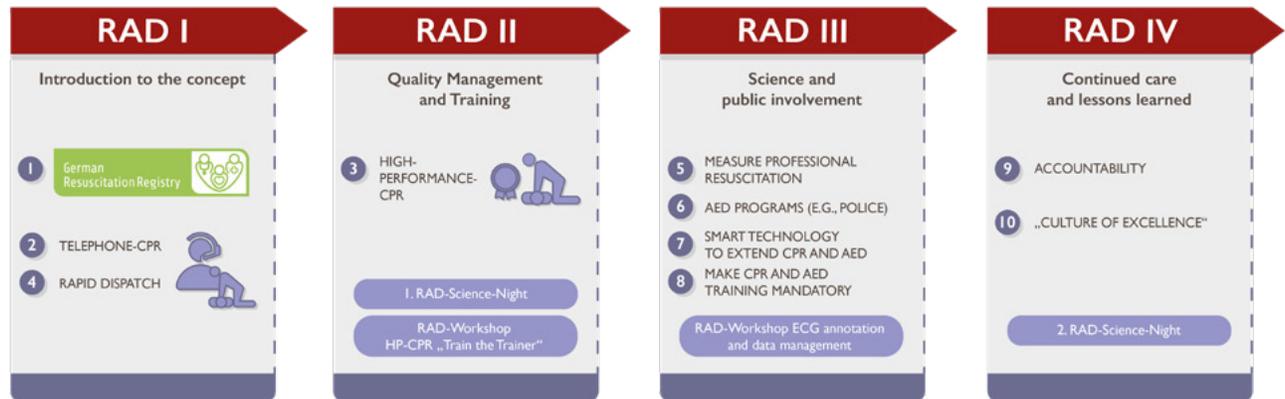
The six EMS regions have conducted the SSAT to identify potential improvements and translate them into multiple projects and goals. All participants aim for better data quality or improved usage of the GRR and to introduce a High-Performance-CPR Program. Some EMS dispatch centers started to measure and improve their Telephone-CPR and/or Rapid Dispatch. Several systems will implement lay rescuer integration via app or improve AED integration. Other projects are multi-professional training for paramedics and emergency physicians or a Paramedic-Supervisor-Pilot program.

CONCLUSIONS

Research by the Global Resuscitation Alliance shows that by applying the 10 steps, optimization of systems and excellent resuscitation care with improved outcomes for patients after OHCA



is possible. Initial data from participating EMS regions and reports from the Resuscitation Academy Germany 2020-2022 show that this project concept over 24 months has excellent potential for further improvement due to the joint processing of the implementation steps in local project teams and the continuous exchange between the EMS systems and with national and international experts.



From January 1, 2023, more EMS will be able to participate in the Resuscitation Academy Germany over 24 months with consecutive workshops, exchange with international experts, and synergies in local implementation projects.

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