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### The role of the anesthesiologist in the perioperative period for patient safety

**Aim:** The aim of this abstract is to focus on the role of the anesthesiologist in perioperative period regarding patient safety.

**Method:** More than 100 studies published in 10 years are viewed to discuss on this topic selected from pubmed between years 2000 and 2019.

**Discussion:** It is not long before that patient safety during surgery had attention. Health providers have detailed monitoring tools with the help of developing technology, but on the other hand matching large data lead to confusion. Perioperative period is a dynamic process and it needs re-evaluation, fast interpretation, documentation and awareness. The quality of the interaction between the surgery and anesthesia teams makes a good impact on patients' outcome. There has been adopted many terminologies as wrong-patient surgery, wrong-side surgery, wrong-level surgery. These are some of the reasons contributing to medical errors: Multiple surgeons' involvement in the case, multiple interventions during a single surgery and patient characteristics as morbid obesity. There are some useful solutions: Culture of safety, medication safety, awareness for hospital acquired infections and solving communication errors.

**Conclusion:** Perioperative patient safety is a team work, collaboration and adopting new technologies will enhance perioperative safety of patients.

### Biography

Baris Canaya is an Anesthesiologist at Marmara University Pendik Training Hospital in Istanbul, Turkey. He has deep interest for resuscitation, acute critical illness, trauma anesthesia, pediatric congenital cardiovascular anesthesia and perioperative patient safety.