Critical event debriefing is valuable in mitigating the negative impact of crisis events. It also offers opportunities for education, learning, wellness, and quality assurance. Yet, only a fraction of real crisis events are followed by any form of debriefing session. This is a mixed-methods study to increase the frequency of debriefing after perioperative crisis events. It also seeks to understand what providers learn and change, at the point of care, from proximal debriefing. This project represents patient safety translational research bridging lessons from decades of simulation-based training towards point-of-care, within-team, debriefing between anesthesia providers and ultimately full operating room teams.