



AGENCY FOR HEALTHCARE RESEARCH AND QUALITY



Linking TeamSTEPPS and SOPS

TeamSTEPPS and SOPS Research

- Reviewed 14 articles in the SOPS Bibliography that used TeamSTEPPS training and SOPS as an outcome to assess patient safety culture



Countries

- 11 U.S. studies
- 3 international studies (Egypt, Sweden, Switzerland)



Published 2010 to 2022



Settings

- Hospital units ($n = 5$)
- Hospitals ($n = 4$)
- Health systems ($n = 3$)
- Academic medical centers ($n = 1$)
- Medical offices ($n = 1$)

Study Designs

- All 14 studies examined patient safety culture pre- and post-TeamSTEPPS implementation
 - ▶ 12 studies examined a single group that used TeamSTEPPS
 - ▶ 2 studies compared a group that used TeamSTEPPS versus a control that did not
- SOPS measures assessed
 - ▶ 8 studies assessed all SOPS composite measures
 - ▶ 6 studies examined specific SOPS composite measures

Summary of Findings

TeamSTEPPS improved SOPS patient safety culture scores...



In multiple healthcare settings

- Hospitals
- Oncology units
- Maternity & labor wards
- Primary care practices



- In 8 of the 11 U.S. studies
- In all 3 international studies



At 6-month or 12-month follow-up

Areas of Patient Safety Culture That Improved

- **Organizational Learning** 75% of the studies
- **Supervisor/Manager Support** 71% of the studies
- **Teamwork Across Units** 71% of the studies
- **Teamwork Within Units** 67% of the studies
- **Handoffs and Transitions** 63% of the studies
- **Overall Perceptions of Patient Safety** 60% of the studies

