

PURPOSE

To evaluate and implement equipment and supplies that reduce pain/suffering and improve health outcomes

EQUIPMENT AND SUPPLY EVALUATION AND IMPLEMENTATION

Equipment and supply evaluations, changes and implementations with significant procedural, policy, educational and/or economic impacts generally will be vetted with stakeholders through:

- Alameda County EMS Quality Council
OR
- Alameda County EMS Equipment Committee

In special or emergent situations, including but not limited to acute supply or equipment shortages, changes may be implemented with the approval of the EMS Director and EMS Medical Director.

It is preferred that new equipment and / or supplies be evaluated by trial prior to system-wide implementation. Equipment and supply trials must be approved by the EMS Director and EMS Medical Director.

Modifications of existing or implementation of new equipment and / or supplies must be approved by the EMS Director and EMS Medical Director.

EMS QUALITY COUNCIL / EQUIPMENT COMMITTEE RESPONSIBILITIES

- Improve system-wide equipment and supply processes
- Solicit equipment and supply quality improvement proposals from various stakeholders, including field providers
- Serve as a Technical Advisory Group to the EMS Medical Director
- Use the Equipment and Supply Checklist as a guideline for equipment/supply evaluation, changes and implementation
- Contribute to the development of equipment and supply training and education
- Contribute to the development of a consistent approach to gathering and analyzing data regarding equipment and / or supply use and corresponding patient outcome results
- Monitor and evaluate system data reports to identify opportunities for improvement and educational needs

EQUIPMENT AND SUPPLIES QUALITY IMPROVEMENT

Approved:

Karl Sporer, MD
EMS Medical Director

Travis Kusman, MPH
EMS Director

EQUIPMENT EVALUATION CHECKLIST GUIDELINES

Patient Perspective

- Safety _____
- Equipment effect on patient outcome _____
- Equipment effect on patient pain/suffering _____
- Patient data and research _____
- Patient surveys/feedback _____
- Economics (Benefit/Cost) _____

Provider Perspective


- Safety _____
- Trial Results _____
- Ease of Provider Use (Process Improvement = Quality Improvement) _____
- Teamwork with other providers _____
- Education, Training and Skills competency requirements _____
- Equipment acquisition and associated equipment, maintenance, resupply and consumable costs _____
- Equipment durability/failures _____
- Future equipment upgrade needs _____
- Provider surveys/feedback _____
- Economics (Benefit/Cost) _____

Data Collection

- Patient Outcomes (e.g. mortality/morbidity) _____
- Patient Response (e.g. pain level, VS) _____
- Patient/Provider surveys/feedback _____
- Trial Results _____
- Equipment Use (#, %....) _____
- Times (i.e. training time, equipment use time, patient's time to definitive care) _____
- Economics (Benefit/Cost) _____
- Anecdotal Evidence / Other _____
- _____
- _____
- _____
- _____

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EMS Medical Director

Travis Kusman, MPH 
EMS Director