



2021-2022 PROTOCOL REVISION UPDATE

Presented to EMCC May 27, 2021

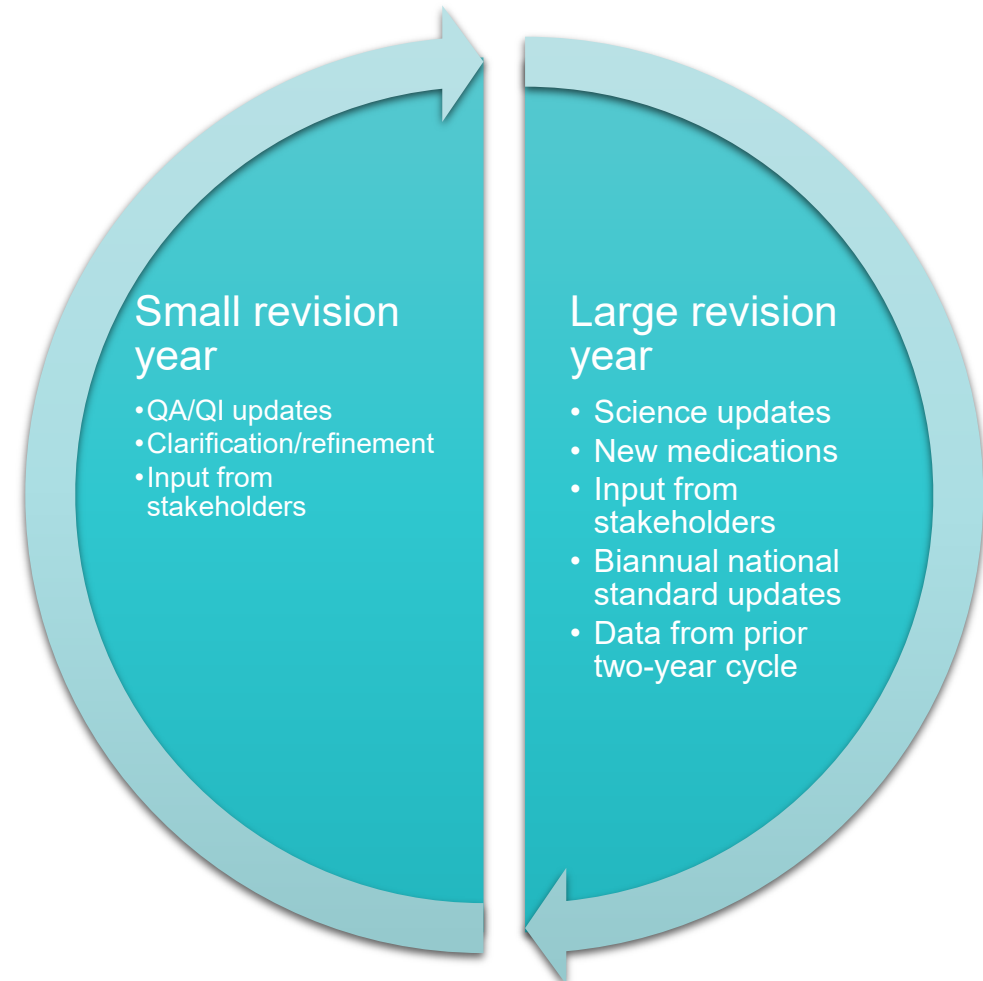


PROTOCOL REVISION



EVERY OTHER YEAR IS A PLANNED LARGE REVISION

- Annual review
 - Effective date July 1
 - Avoid “off-cycle” updates whenever possible
- BSPC is the designated protocol/medical control advisory group
- Process design:
 - Input collected in the fall
 - Internal review November - January
 - BSPC review January – March
 - Final versions April - May
 - Provider training May - June



2021 PROTOCOL REVIEW



2021 GOALS

- Engage the EMS community in the process
- Consistency in treatment, terms, and abbreviations
- Eliminate redundancy
- Align with AHA and other evidence-based standards
- Clear, concise formatting, particularly for cardiac arrest and arrhythmia management protocols
- Consistency across Adult and Pediatric protocols
- Generic names for all medications

2021 PROTOCOL REVIEW



RESULTS

- Complete restructure of the cardiac arrest/arrhythmia protocol to improve usability
- Increased alignment with national standards including ACLS, PALS, and NASEMSO as well as neighboring LEMSAs
- Streamlined OB/childbirth protocols into one flowing process for all obstetric and childbirth scenarios
- Improved pain management options
 - Effectively doubled max fentanyl dosing
 - Allow ketamine co-administration with opioid

2021 PROTOCOL REVIEW



RESULTS

- Created a new length-based medication table for pediatrics longer than the traditional Length-Based Resuscitation Tape
- Increased the definition of an “unstable” patient to allow for paramedic clinical judgement
- Added new guidance for managing the increasing array of adjunct cardiac devices encountered in the prehospital setting
- Updated protocols with the newest science, including new traumatic brain injury, status epilepticus, and stroke assessments and treatments

2021 PROTOCOL REVIEW



RESULTS

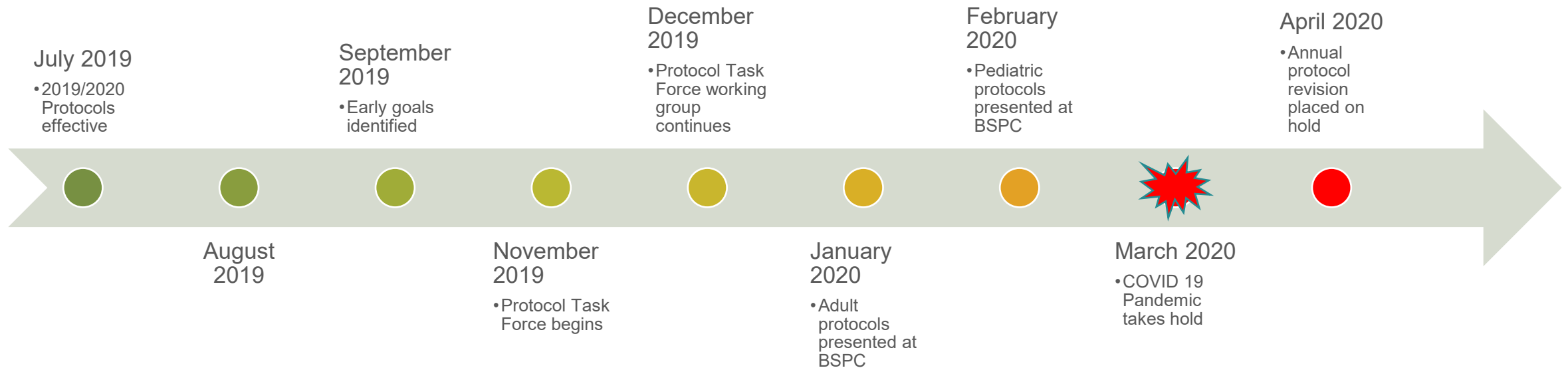
- Additional vital sign metrics to identify sepsis and opioid overdose earlier
- Replaced dopamine with Push-Dose Epinephrine
- Removed nitroglycerin paste
- Reformatted all protocols

2021 PROTOCOL REVIEW



PROCESS

- The Treatment Protocol Task Force met November 15, 2019
 - Comprehensive discussion, multiple drafts revisions
- BSPC reviewed and endorsed multiple protocol updates in January and February 2020



2021 PROTOCOL REVIEW



PROCESS

- Following the early months of the pandemic, County EMS restarted the review process with a group of community representatives
- AHA guidance updates published December
 - Informed many science-driven protocol changes

Spring 2020

- Pandemic escalates

Fall 2020

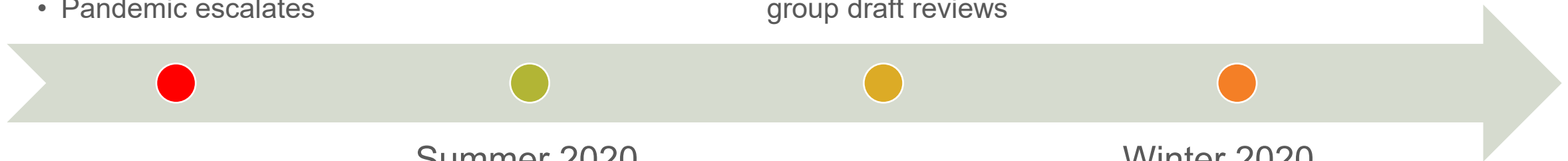
- Stakeholder working group draft reviews

Summer 2020

- Protocol Review Re-started

Winter 2020

- Pandemic surge
- AHA update



2021 PROTOCOL REVIEW



PROCESS

- The draft Adult protocols were presented to BSPC in January 2021
- Pediatric draft protocols in February for BSPC review and edits
- Local Optional Scope renewals for cyanide treatments and ketamine completed in March - May 2021

January 2021

- **Adult** protocols presented to BSPC
- Community comment period
- Adopt new AHA guidance

March 2021

- Final drafting continues
- Local Optional Scope of Practice updates with EMDAC/EMSA

February 2022

- **Pediatric** protocols presented to BSPC
- Community comment period



2021 PROTOCOL REVIEW



PROCESS

- Community comments and input adapted in March and April
- Continuous intensive review for consistency throughout
- County EMS hosted special protocol review session April 23, 2021

March 2021

- Final drafting and reviews
- Local Optional Scope of Practice updates with EMDAC/EMSA

May 2021

- ★ • Final protocols and education material distribution
- EMDAC Scope Subcommittee supports ketamine LOSOP changes

April 2021

- EMS Team – Special Presentation- Protocol Review session on April 23



2021 PROTOCOL REVIEW



TRAINING AND “GO-LIVE”

- Base Hospital Nurse Coordinators completed training material
- Agency provider training continues
- Final protocol, and other policy changes will be posted to EMS website in June
- Protocols effective July 1, 2021



LIVE WELL
SAN DIEGO

THANK YOU!