MEMORANDUM

To: Napa County EMS System  From: Zita Konik, MD, EMS Medical Director
    Brian Henricksen, EMS Administrator
Date: September 13, 2019  Re: Discontinuance of Double Simultaneous External
    Defibrillation (DSED)

Effective immediately, the Napa County EMS Agency is removing Double Simultaneous External
Defibrillation (DSED) from our local field treatment guidelines. The EMS System recently learned
that DSED could possibly damage cardiac monitors and defibrillators and that any damage may not be
covered under the manufacturer's warranty.

Given this new information, the EMS Agency conducted a comprehensive research review on the use of
DSED. Research on the topic continues to show mixed results and requires further study. Considering the
lack of definitive data in support of DSED, there is no compelling reason to jeopardize the integrity of cardiac
monitors by continuing this practice in Napa.

Therefore, the Napa County EMS Agency website and protocol application have been updated with the
following changes:

- C-03: Removes reference to Double Simultaneous External Defibrillation procedure.
- AP-06: Procedure deleted.

If you have any questions about these changes, please contact your EMS representative or the EMS
Agency directly.