

To: San Mateo County Prehospital Care Providers

From: Gregory H. Gilbert, MD, FAAEM, EMS Medical Director



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Subject: High Performance CPR Implementation, Documentation & Call Management

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- High Performance CPR has now been fully implemented in San Mateo County
 - Transmitting to the Cloud should be used on all patient contacts including patients receiving High Performance CPR, see SMC Documentation-1. This will automate much of what you are documenting. Anytime a drug or intervention is given or performed, i.e. morphine or defibrillation, this should be entered using the monitor. Just as medication administration and interventions, timing is key and entry should be at the beginning or right before performing a procedure like intubation. When you are ready to upload the data at the end of the call, depress the transmit button twice. Please note that your JPA Supervisor will be working with you on this.
 - The EMS system is still on track that by the END of December, full implementation with CodeStat, Rescue Net, CARES, and the CPR feedback loop should be in place.
 - Retraining on HP CPR should be occurring every three months to keep skills up.
 - We review all the cardiac arrest calls on Thursdays at 0800. Your supervisor should notify you if your case is being reviewed. We review cases from two weeks prior to the call and welcome the crews' involvement in these calls. One area we have noticed where we could see improvement is the application of mechanical compression devices (e.g. Lucas or Autopulse) after achieving ROSC. Please remember to apply these devices to the patient before transport as some patients have lost pulses enroute and they should have been utilized.
 - For pronouncement of the patient who remains in PEA after resuscitative efforts per protocol, make base hospital contact to terminate the resuscitation. Be prepared to report what the EtCO₂ is to the physician. Remember that an EtCO₂ > 20 likely means ROSC has been achieved. Procedure 27 will be updated to reflect this also.
 - Thank you for your contribution to the EMS System. Please contact your JPA Supervisor or the EMS Agency with any questions.

