	COUNTY OF SACRAMENTO EMERGENCY MEDICAL SERVICES AGENCY	Document #	5550.15
	PROGRAM DOCUMENT: **Biomedical Maintenance**	Initial Date:	11/02/93
		Last Approval Date:	06/11/20
		Effective Date:	07/01/21
		Next Review Date:	06/01/22

Signature on File	Signature on File
EMS Medical Director	EMS Administrator

Purpose:

A. Guidance on effective bio-medical equipment maintenance.

Authority:

A. California Health and Safety Code, Division 2.5California
B. Code of Regulations, Title 22, Division 9

Policy:

A. All Emergency Medical Service provider agencies shall have a maintenance program for all biomedical devices utilized for prehospital patient care.
B. Provider shall be responsible for the immediate removal from service any biomedical devices suspected of malfunctioning. If the Automated External Defibrillator (AED) or monitor/defibrillator is not functioning, the ambulance or unit shall be out of service for Advanced Life Support (ALS) or AED responses until replaced/repaired.
C. Any malfunctioning biomedical device shall not be placed into service until properly serviced or repaired by the manufacturer or manufacturer's authorized service program.
D. Any suspected malfunctioning biomedical device that may have affected patient care shall be reported to the Sacramento County Emergency Medical Services Agency (SCEMSA) on the next working day. This report shall include, but not be limited to, date of use; type of device, model number, and serial number, patient's name, patient care report number, description of effect on the patient's care, description of all actions taken at the time of reporting and agency's name. If appropriate, the Food and Drug Administration shall be notified.
E. The periodic preventative maintenance on all biomedical devices shall meet or exceed the criteria recommended by the manufacturer of the device.
F. Individuals performing scheduled maintenance or repair shall possess the necessary credentials recommended by the manufacturer.
G. Records documenting compliance with this policy shall be submitted to SCEMSA for review and inspection during annual ALS inspections.

Biomedical Devices (Not an exhaustive listing):

A. Automated Blood Pressure Cuff
B. Automated External Defibrillator
C. Automated Transport Ventilator
D. Glucometer
E. Monitor/Defibrillator
F. Pulse Oximeter
G. CPAP/BiPAP
H. IV Pumps
I. Mechanical Cardiac Compression Device
J. Waveform Capnography
K. Thermometers

Non-Disposable Equipment (Excluding Biomedical Equipment):

A. All non-disposable equipment shall be disinfected according to CALOSHA and OSHA regulations and by the recommendation / guidelines of the Center for Disease Control.