

Devices on Alternative Equipment Maintenance (AEM) Program  
as of 6/15/2021

AEM Start Date	Risk Class	Category Description	Manufacturer	Model	BWH	MGH	AEM PM Frequency	AEM PM Procedure	AEM Comment
2014	HIGH	CONTROLLER, BALLOON INFLATION	Fujinon	PB-20	X		Reduced from Mfr	Follows Mfr	PM performed annually instead of semi-annually as recommended by MFR
2014	LIFE SUPPORT	DEFIB, AED ONLY	Cardiac Science Inc (67592)	POWERHEART AED G3		X	Reduced from Mfr	Reduced from Mfr	Recommended daily checks are performed on a weekly basis. Recommended monthly checks are not performed.
2020	LIFE SUPPORT	Defibrillator	Zoll	R Series Plus	X	X	Reduced from Mfr	Follows Mfr	Manual defibrillator testing has been changed from weekly to quarterly AT MGH ONLY. AEM applies only for MGH.
2014	HIGH	DERMATOME	Integra Lifesciences	PI 6 INCH		X	Reduced from Mfr	Reduced from Mfr	MFR recommends sending handpiece and power supply to MFR for annual servicing; Low risk device and no PM is performed at PHS.
2014	HIGH	DERMATOME	Padgett Instruments	PI		X	Reduced from Mfr	Reduced from Mfr	MFR recommends sending handpiece and power supply to MFR for annual servicing; Low risk device and no PM is performed at PHS.
2014	HIGH	DERMATOME	Padgett Instruments	B		X	Reduced from Mfr	Reduced from Mfr	MFR recommends sending handpiece and power supply to MFR for annual servicing; Low risk device and no PM is performed at PHS.
2014	HIGH	DERMATOME	Padgett Instruments	S		X	Reduced from Mfr	Reduced from Mfr	MFR recommends sending handpiece and power supply to MFR for annual servicing; Low risk device and no PM is performed at PHS.
2014	HIGH	DERMATOME	Zimmer Inc	8801-01		X	Reduced from Mfr	Reduced from Mfr	MFR recommends sending handpiece and power supply to MFR for annual servicing; Low risk device and no PM is performed at PHS.
Feb-16	HIGH	ELECTROSURGICAL UNIT	Aaron Medical (Bovie) Inc	A1250/A1250S	X	X	Reduced from Mfr	Exceeds Mfr	MFR recommends semi-annual PM but we do a yearly PM. PM procedure exceeds MFR recommendations as we have added Electrical Safety test and tightening hardware and clamps, which were found to be a problem in past malfunctions.
Feb-16	HIGH	ELECTROSURGICAL UNIT	Aaron Medical (Bovie) Inc	BOVIE 950	X	X	Reduced from Mfr	Exceeds Mfr	MFR recommends semi-annual PM but we do a yearly PM. PM procedure exceeds MFR recommendations as we have added Electrical Safety test and tightening hardware and clamps, which were found to be a problem in Bovie 950 device.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	FORCE EZ-C		X	Reduced from Mfr	Follows Mfr	PHS PM is 12 months instead of MFR's 6-month recommendation.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	FORCE FX-CS		X	Reduced from Mfr	Follows Mfr	MFR recommends 6-month while we do yearly PM.
2014	HIGH	ELECTROSURGICAL UNIT	Birtcher/Conmed	SABRE 180		X	Reduced from Mfr	Follows Mfr	6 month inspection done with yearly testing.
2014	HIGH	ELECTROSURGICAL UNIT	Conmed Corp	Sabre Genesis		X	Reduced from Mfr	Follows Mfr	6 month inspection done with yearly testing.
2014	HIGH	ELECTROSURGICAL UNIT	Birtcher/Conmed	SABRE 2400		X	Reduced from Mfr	Follows Mfr	MFR recommends 6-month while we do yearly PM.

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2014	HIGH	ELECTROSURGICAL UNIT	Conmed Corp	SYSTEM 2450		X	Reduced from Mfr	Follows Mfr	MFR recommends 6-month while we do yearly PM.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	SURGISTAT II		X	Reduced from Mfr	Exceeds Mfr	PHS PM Procedure to add Power Output Verification, REM Alarm Check and ES. MFR PM had only asked for visual inspection.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	SURGISTAT II-20		X	Reduced from Mfr	Exceeds Mfr	PHS PM Procedure to add Power Output Verification, REM Alarm Check and ES. MFR PM had only asked for visual inspection.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	FORCE FX-C	X	X	Reduced from Mfr	Follows Mfr	PHS does yearly PM although MFR recommends 6 months.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	FORCE 2	X		Reduced from Mfr	Follows Mfr	PHS does yearly PM although MFR recommends 6 months.
2014	HIGH	ELECTROSURGICAL UNIT	Valleylab Inc	FORCE FX	X		Reduced from Mfr	Reduced from Mfr	MFR recommends 6-month while we do yearly PM.
Feb-16	HIGH	HYFREATOR	Aaron Medical (Bovie) Inc	BOVIE 900		X	Reduced from Mfr	Exceeds Mfr	MFR recommendation is visual and cleaning every 6 months. We do an annual PM which includes output power verification.
2014	HIGH	INCUBATOR, TRANSPORT	International Biomedical Inc	VOYAGER LW		X	Reduced from Mfr	Reduced from Mfr	Recommended monthly checks are not performed; Annual SM not recommended but performed.
2014	HIGH	INCUBATOR, TRANSPORT	Airborne Life Support	A750i	X	X	Reduced from Mfr	Reduced from Mfr	Recommended monthly checks are not performed; Annual SM not recommended but performed.
2014	HIGH	INCUBATOR, TRANSPORT	International Biomedical Inc	750i	X		Reduced from Mfr	Reduced from Mfr	Recommended monthly checks are not performed; Annual SM not recommended but performed.
2014	HIGH	INCUBATOR, TRANSPORT	Datex-Ohmeda	185A+	X		Reduced from Mfr	Reduced from Mfr	Recommended monthly checks are not performed; Annual SM not recommended but performed.
2014	HIGH	PROPORTIONER, OXYGEN-AIR	Viasys Healthcare	03920A	X		Reduced from Mfr	Reduced from Mfr	Mfr procedure more intensive than current process, 6 month check not performed by BWH.
2014	HIGH	PROPORTIONER, OXYGEN-AIR, LOW FLOW	Tri-Anim Corp	1920	X		Reduced from Mfr	Reduced from Mfr	Mfr procedure more intensive than current process, 6 month check not performed by BWH.
2014	LIFE SUPPORT	VENTILATOR	Acutronics Medical System AG	MONSOON III		X	Reduced from Mfr	Follows Mfr	MFR recommends 6 month PM we do PM yearly.
2014	HIGH	WARMER, RADIANT	Datex-Ohmeda	3300	X	X	Reduced from Mfr	Follows Mfr	MFR recommends 6-month while we do yearly PM.
2014	HIGH	WARMER, RADIANT	Datex-Ohmeda Inc	3400 PANDA SERIES		X	Reduced from Mfr	Follows Mfr	MFR recommends 6-month while we do yearly PM.
2014	HIGH	WARMER, RADIANT	Datex-Ohmeda Inc	4400		X	Reduced from Mfr	Follows Mfr	MFR recommends 6-month while we do yearly PM.
2014	Normal	ADAPTER, OUTLET	PRYOR PRODUCTS	55093		X	Exceeds Mfr	Exceeds Mfr	MFR requires only periodic cleaning while PHS performs an annual Visual and Electrical Safety Inspection.

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2014	Normal	AIR WARMER	AUGUSTINE MEDICAL INC (ARIZANT)	BAIR HUGGER 775	X	X	Reduced from Mfr	Follows Mfr	MFR PM procedure performed annually instead of 6 months or 500 hours as recommended by MFR.
2014	Normal	AIR WARMER	AUGUSTINE MEDICAL INC (ARIZANT)	BAIR HUGGER 750	X	X	Reduced from Mfr	Follows Mfr	MFR PM procedure performed annually instead of 6 months or 500 hours as recommended by MFR.
Dec-15	Normal	BATTERY	GE/MARQUETTE ELECTRONICS	SM 201-6 (DASH)	X	X	Reduced from Mfr	Reduced from Mfr	Battery replacement interval changed from 1-year to 3-years. Yearly conditioning not performed.
2014	Normal	CENTRAL STATION	GE/MARQUETTE ELECTRONICS	CIC PRO MP100	X	X	Follows Mfr	Reduced from Mfr	Some of the activities recommended by the MFR are not performed.
2014	Normal	CENTRAL STATION	GE/MARQUETTE ELECTRONICS	CIC PRO	X	X	Follows Mfr	Reduced from Mfr	Some of the activities recommended by the MFR are not performed.
2014	Normal	CHARGER	CADEX ELECTRONICS INC	SMART 2+	X	X	Exceeds Mfr	Exceeds Mfr	MFR recommends only cleaning the outside of the charger, but PHS PHS annually performs a PM procedure that includes cleaning, visual inspection of the device and the internal components and performing a functional and an electrical safety test.
2014	Normal	DRIVER, SURGICAL	LINVATEC/ HALL SURGICAL	D3000 ADVANTAGE		X	Exceeds Mfr	Exceeds Mfr	Mfr does not provide service manual or recommended PM procedure; if maintenance is needed device must be sent to the Mfr.
2014	Normal	ELECTROCARDIOGRAPH	GE/MARQUETTE ELECTRONICS	MAC 5500HD	X	X	Reduced from Mfr	Follows Mfr	MFR recommends 1 year interval while we do a 2 year interval.
2014	Normal	ELECTROCARDIOGRAPH	GE/MARQUETTE ELECTRONICS	MAC 5500	X	X	Reduced from Mfr	Follows Mfr	MFR recommends 1 year interval while we do a 2 year interval.
2014	Normal	ELECTROCARDIOGRAPH	GE/MARQUETTE ELECTRONICS	MAC 5000	X	X	Reduced from Mfr	Follows Mfr	MFR recommends 1 year interval while we do a 2 year interval.
Sep-19	Normal	Fluid Therapy System	Chattanooga	FLU110D	X	X	Follows Mfr	Exceeds Mfr	Motor is replaced on an annual basis versus every 500 hours of use.
Sep-19	Normal	Heat Therapy Unit	Chattanooga	FLU115D	X	X	Follows Mfr	Exceeds Mfr	Motor is replaced on an annual basis versus every 500 hours of use.
2014	Normal	INFUSION PUMP, VOLUMETRIC	SIGMA INTERNATIONAL INC	SPECTRUM (35700)		X	Follows Mfr	Reduced from Mfr	MGH does not perform battery capacity test.
2014	Normal	INSUFFLATOR, ENDO	OLYMPUS AMERICA INC	UHI-4	X	X	Exceeds Mfr	Exceeds Mfr	MFR has no recommendation. We perform an annual electrical safety and functional check.
2020	Normal	Laryngoscope, Video	Verathon	Glidescope GO		X	Reduced from Mfr	Reduced from Mfr	Recommended 3-month check is not being performed. Device uses a Run-to-Fail Maintenance Strategy.
1st: Dec 2015, 2nd: Sept 2016, 3rd: June 2021	Normal	Module, Patient Data	GE/MARQUETTE ELECTRONICS	PDM	X	X	Reduced from Mfr	Reduced from Mfr	Battery is not replaced on a routine schedule (RTF strategy). Conditioning on battery is done yearly by swapping it with a cycled battery. Batteries are replaced when fails the cycling.

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2014	Normal	MONITOR, PHYSIOLOGICAL	GE/MARQUETTE ELECTRONICS	DASH 4000	X	X	Follows Mfr	Reduced from Mfr	Activities reduced per PHS Committee analysis in 2008.
2014	Normal	MONITOR, PHYSIOLOGICAL	GE/MARQUETTE ELECTRONICS	DASH 5000	X	X	Follows Mfr	Reduced from Mfr	Activities reduced per PHS Committee analysis in 2008.
2014	Normal	MONITOR, PHYSIOLOGICAL	GE/MARQUETTE ELECTRONICS	DASH 3000	X	X	Follows Mfr	Reduced from Mfr	Activities reduced per PHS Committee analysis in 2008.
2014	Normal	MONITOR, PHYSIOLOGICAL	PROTOCOL SYSTEMS INC	ENCORE 206EL		X	Follows Mfr	Reduced from Mfr	Some of the activities recommended by the MFR are not performed.
2014	Normal	PUMP, SUCTION	SSCOR INC	2314 NEW-DUET (AE6975)	X	X	Follows Mfr	Reduced from Mfr	MFR recommends battery test that we do not perform.
2014	Normal	RACK	MODULAR SERVICES CO	PUMPSTAR-RACK		X	Exceeds Mfr	Exceeds Mfr	MGH performs a PM although there is not one recommended by the MFR.
2014	Normal	SCALPEL, HARMONIC	ETHICON-ENDOSURGERY	GENERATOR G11	X	X	Exceeds Mfr	Exceeds Mfr	MFR recommends "periodic" output checks per facility guideline. We also perform a Touch Screen Test and Final Inspection per Service Manual.
Sep-19	Normal	SEQUENTIAL COMPRESSION DEVICE	Kendall-Covidien	SERIES 700	X	X	Reduced from Mfr	Follows Mfr	PM interval changed from 1 to 2 years
2014	Normal	STAND	MODULAR SERVICES CO	PUMPSTAR-STAND		X	Exceeds Mfr	Exceeds Mfr	MGH performs a PM although there is not one recommended by the Mfr.
2014	Normal	STIMULATOR	ORGANON LTD	TOF-WATCH SX		X	Follows Mfr	Reduced from Mfr	MFR's annual PM procedure is followed but the battery is replaced as needed instead of the recommended 400-500 hours.
2014	Normal	STIMULATOR	LIFE-TECH INC	EZSTIM II	X	X	Exceeds Mfr	Exceeds Mfr	Mfr does not require maintenance. PHS maintenance is a brief function test.
Nov-18	Normal	THERAPY, NEGATIVE PRESSURE, WOUND	KCI	VACULTA	X	X	Exceeds Mfr	Follows Mfr	Battery interval has been changed from 28 to 24 months to coincide with 6 month PM.
2014	LOW	All Devices							
2020	Low	Locator, Apex	J. Morita	RCM-7 & DP-ZX-VL		X	Reduced from Mfr	Reduced from Mfr	Recommended 6-month check is not being performed. Device uses a Run-to-Fail Maintenance Strategy.
2014	LOW	TRANSFORMER, OPHTHALMO/OTOSCOPES	Welch Allyn	All	X	X	Reduced from Mfr	Reduced from Mfr	GS 777 Series is not specific about the frequency so we are "following" AEM Frequency for the model.