Mendocino Coast Health Care District
Adventist Health Mendocino Coast

AH / MCHCD Un-Planned Projects
November/December 2024
Report

Presented to
MCHCD Board
12/12/2024

Priority 2024		Capital Description	MCHCD Board Approved	Completed YES/NO		Actual Cost - Q4 2024 and Q1 2025	Project planned Duration / Completion Date
High		Roof Leak - Central Supply Area of the OR Suite	Needs Approval	No	Roof developed a leak that damaged the walls and supplies. Redwood Roofing made temporary repairs and will come back when we have a break in the weather to complete the work.	TBD	Jan-25
High		Kitchen - Dishwasher Booster Water Heater	Needs Approval	Yes	Booster Water Heater Failed, This unit supplies the 180 degree water to the dishwater to comply with infection control standards. Heater was replaced and plumbing was improved to help improve reliability in the future.	$8,675.40 + internal labor and project management 10%= $867.54 Total+ $9,542.94	Completed - November 2024
Medium		Kitchen - Garbage Disposal	Needs Approval	Yes	Garbage Disposal Failed, We had a replacement unit in storage for when it was needed. Plumbing retrofit was constructed inhouse. Installed with in-house AH Technicians. No outside contractor required.	In-House Cost - 2 Techs (20 hours) = 40 hours of labor	Completed - November 2024
High		CT Scanner - HVAC Unit	Needs Approval	Yes	CT HVAC Failed, Refrigerant leak in the rooftop condenser coil was not repairable. New coil was purchased and installed with in-house and outside HVAC Contracted help.	Cost of coil <10k plus inhouse labor and HVAC Contractor assistance.	Completed - November 2024
High		Update - Vacuum Pump - Repair Lag Timer	May need additional funding to complete the project	Yes	Overloads tripping frequently. Lag timer may be causing both pumps to run. This repair was to keep the system going while the Long term project to retrofit the system can be executed. After examining the scope of the work for the MCHCD approved project, HCAi will require a permited project to be executed. Our initial plan was to do this as a repair. This would have avoided the high cost of an HCAi Project.	<$5k for ongoing repairs to keep the system running	Completed - November 2024
High		Electric Steam Generator - Elements & Blowdown	Needs Approval	Yes	Back-up Steam Generator that supply the steam for OR Autoclave Failed, Heating elements replaced and Blowdown Timers replaced.	<$10k for parts, labor performed by in-house Technicians.	Completed - November 2024
Medium		AJ Gray - Home Health - Bathroom - Sewer	Informational	Yes	Restroom in AJ Gray Building has frequest issues. Drain Service completd and power flush toilet installed. This will be monitored for future issues and posible plumbing work needed in the future.	Drain service and new toilet <$1500	Completed - November 2024
High		Ambulance Service - (3) Gurney Repairs	Needs Approval	Yes	3 powerlift gurneys required repairs and maintenance. Outside Stryker Tech repaired onsite.	<$3k for parts & repairs	Completed - November 2024
Medium		Ambulance - Vinyl Wrap for new unit to go into service, all other work has been completed.	Needs Approval	No	New Ambulance will need to be wrapped before it can go into service.	$5,268.38	ASAP
High		Kitchen - Walk-In Freezer / Refrigerator	Needs Approval	No	Door for the freezer is not repairable. Heat tape has failed causing the door to be frozen shut often. The Refrigerator seal and door latch are failing. Doors do not seal properly causing the refrigeration units to run excessively. Hobate will quote replacment doors in December 2024	TBD	TBD
Planning		Nihon Koden Patient Monitoring Equipment Upgrade	Needs Approval	No	Existing Patient Monitoring Equipment is over 30 years old. The equipment is End of Life/End of Service, Replacment parts are Rare to find.	Est. $201k	2025

TJC = The Joint Commission

PS= Patient Safety
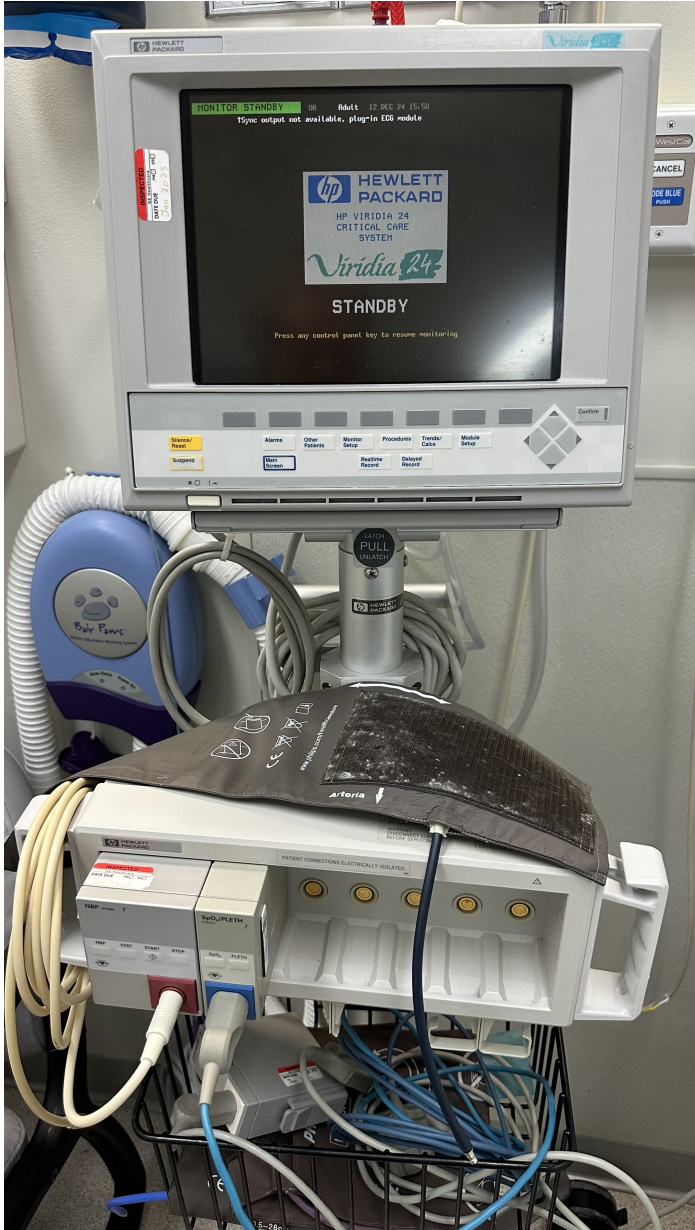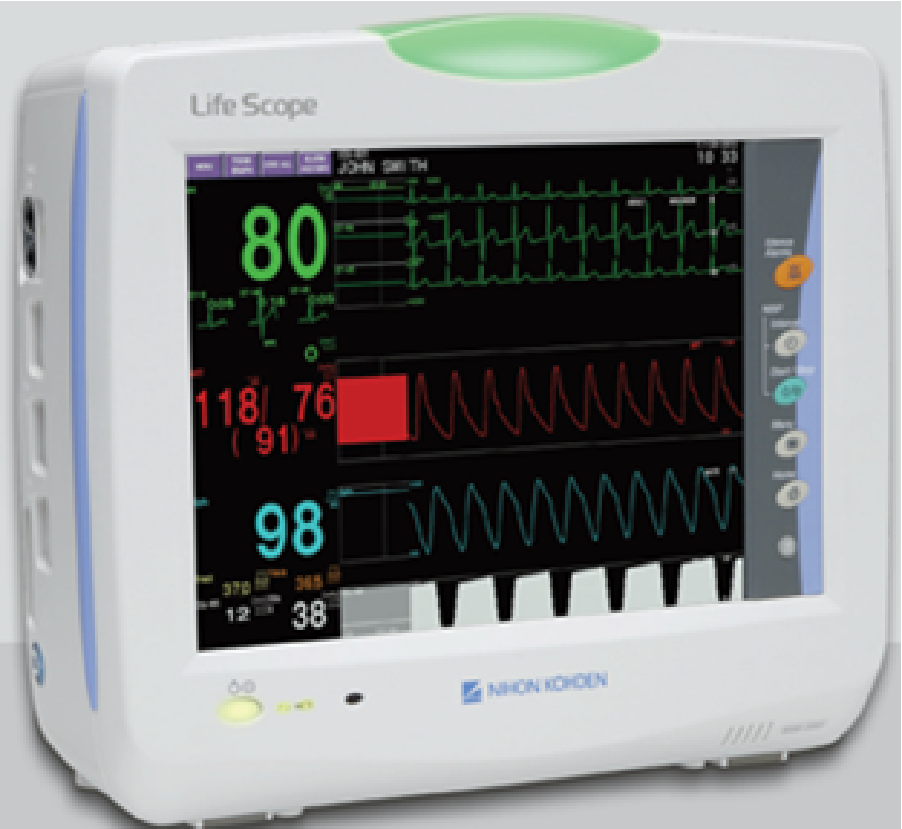
IC - Infection Control

NK Patient Monitoring Systems

AH Mendocino Coast
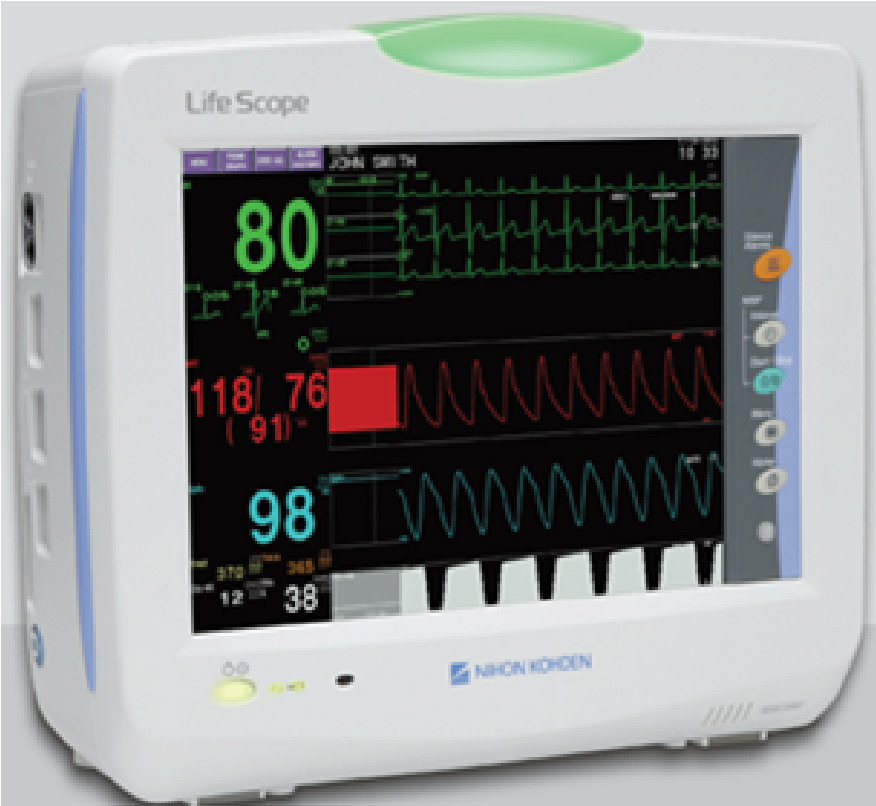Executive Summary
December 2024

Outpatient - PreOp (8 Beds)

PreOp	Description	Qty	Setup
BSM-3500	12" Display Monitor, 14 waveforms Full Arrhythmia, 12 Lead, Multi-Lead ST, Interbed, QTc/QRSd	8	Wall Mounted Hardwired

Outpatient - PACU (2 Beds)

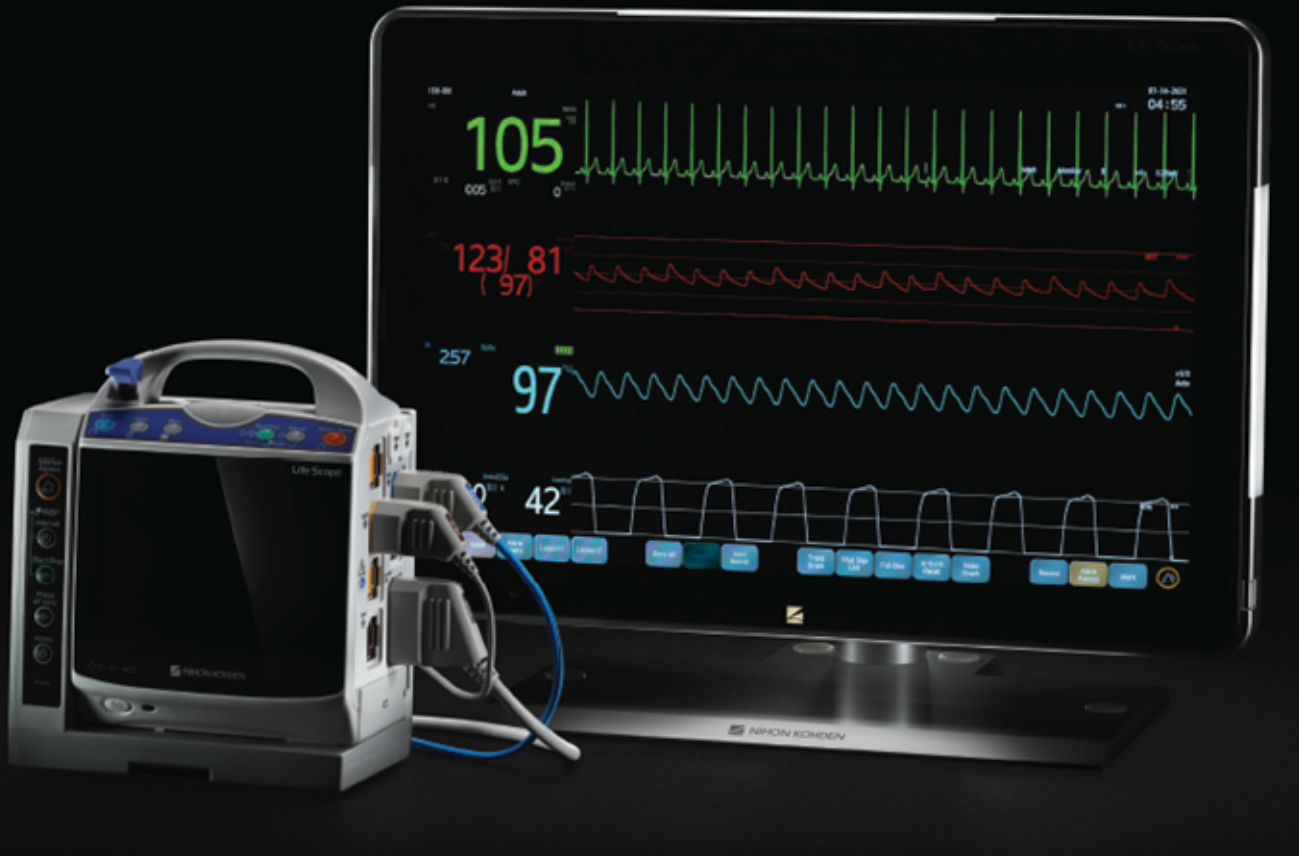| PACU	Description	Qty.	Setup
BSM-3500	12" Display Monitor, 14 waveforms Thermal Printers Full Arrhythmia, 12 Lead, Multi-Lead ST, Interbed, QTc/QRSd	2	Wall Mounted, Hardwired

GI (1 Bed on Drager Anesthesia Cart)

GI	Description	Qty.	Setup
G5 Max	**15.6" Glass Display, 15 waveforms with 4 X Multi-Port Side-Board** **Full Arhythmia, Multi-lead ST, 12 Lead, Interbed, QTc/QRSd, Smart Cables, Thermal Printers**	1	Mounted to Drager Anesthesia Cart
MultiGas	**Measures O2, CO2, N20 and Anesthetic Gases. Provides automatic agent detection.**	1	Mounted to G5 Max

OR (2 Beds on Drager Anesthesia Carts)

OR	Description	Qty.	Setup
G7	19" Display Monitor, 17 waveforms Full Arrhythmia, 12 Lead, Multi-Lead ST, Interbed, QTc/QRSd Wall Mount Equipment Included	2	Mounted to Drager Anesthesia Carts

ED (Add 1 Hardwired, 3 Wireless Beds)

ED	Description	Qty.	Setup
G5	12" Display Monitor, 15 waveforms Full Arrhythmia, 12 Lead, Multi-Lead ST, Interbed, QTc/QRSd WiFi Packs included for all (8) Beds	1	Roll Stand, Hardwired
BSM-1700	Transport monitor, 5.7" touch screen. 3 Smart Ports, Nelcor SpO2 technology, NK Future Link	3	Roll Stand, Wireless, Hall Beds

MedSurg

MedSurg	Description	Qty.	Setup
NGNK	16 Bed Interactive Remote Nurse Station (Touch/Audio), UPS	1	Nurse Station, Table Top
GZ-130	GZ-130 Transmitter with ECG, Resp, SPO2	1	WiFi Transmitter

Enterprise Gateway, Switches, IT, Install

IT	Description	Qty	Setup
EG & Plug-ins	**Enterprise Gateway Server Refresh** **NGNK- Plug-in** **HL7 Plug-in** **Wireless Plug-in** **Strips To EMR Plug-in**	1	Data Center
Perpetual Licenses	**HL7** **Wireless** **Strips to EMR**	17 25 25	Licenses
Switches	**Juniper Managed Switch – Connect Outpatient Devices – with Rack-Mounted UPS, Optics/Accessories, Fiber Patch Cables, Software, 3-year warranty and subscription, Configuration, Installation**	1	IDF Closet
Install Solution	**Resources needed for Full Implementation – Project Management, Wireless Assessment, Installation, Education (In Person and Virtual), Go-Live Support**	1	Full Project Support

Grand Total: $200,943.53

Plus tax and Freight

Adventist Health System Credits will save $136,472

Additional $136,472.00 in required equipment will be covered by Adventist Health System credits with vendor.

Existing Patient Monitoring Equipment is 1992 Vintage.

The equipment is End of Life/End of Service

Parts are becoming impossible to find.