

UNIVERSITY OF TOLEDO

EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN 4AB, 4CD

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> Bladderscan 	<ul style="list-style-type: none"> Borrow working unit from another floor 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Cath as needed Borrow working unit from another floor
<ul style="list-style-type: none"> Defibrillator 	<ul style="list-style-type: none"> 4AB or 4CD Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> CPR if necessary Obtain unit from 4AB or 4CD
<ul style="list-style-type: none"> Dialysate Warming Cabinet 	<ul style="list-style-type: none"> Warming units in Central Supply x3884 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Obtain warming unit
<ul style="list-style-type: none"> Hypo/Hyperthermia 	<ul style="list-style-type: none"> Central Supply x3884 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 Central Supply x3884 	<ul style="list-style-type: none"> Use warm blankets or ice packs as necessary
<ul style="list-style-type: none"> I.V. Pumps 	<ul style="list-style-type: none"> Central Supply x3884 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 Central Supply x3884 	<ul style="list-style-type: none"> Gravity drip until unit replaced with a spare Obtain new pump
<ul style="list-style-type: none"> Monitor - Telemetry 	<ul style="list-style-type: none"> RCMS x7300 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> If RCMS is down, use monitor from defibrillator until RCMS is restored
<ul style="list-style-type: none"> Patient Monitors 	<ul style="list-style-type: none"> 4AB open rooms Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Move patient to other open room Place on telemetry

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN 5AB

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Bladderscan 	<ul style="list-style-type: none"> • Borrow working unit from another floor 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Cath as needed • Borrow working unit from another floor
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • 5CD • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR if necessary • Obtain unit from 5CD
<ul style="list-style-type: none"> • Hypo/Hyperthermia 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Use warm blankets or ice packs as necessary
<ul style="list-style-type: none"> • I.V. Pumps 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • Monitor - Hardwired 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Move patient to another bed or use a portable monitor
<ul style="list-style-type: none"> • Monitor - Telemetry 	<ul style="list-style-type: none"> • RCMS x7300 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch patient to another telemetry or portable monitor
<ul style="list-style-type: none"> • Portable Monitor 	<ul style="list-style-type: none"> • Spare available in 5AB Supply Room 5101A 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch patient to spare portable
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate patient • Obtain back-up ventilator

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN 5CD

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • 5AB • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR if necessary • Obtain unit from 5AB
<ul style="list-style-type: none"> • Portable Monitor 	<ul style="list-style-type: none"> • Spare available in-house 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch patient to spare portable
<ul style="list-style-type: none"> • Hypo/Hyperthermia 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Use warm blankets or ice packs as necessary
<ul style="list-style-type: none"> • I.V. Pumps 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • Monitor - Hardwired 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Move patient to another bed or use a portable monitor
<ul style="list-style-type: none"> • Monitor - Telemetry 	<ul style="list-style-type: none"> • RCMS x7300 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch patient to another telemetry or portable monitor
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Manually ventilate patient • Obtain back-up ventilator

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN 6AB

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Bladderscan 	<ul style="list-style-type: none"> • Borrow working unit from another floor 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Cath as needed • Borrow working unit from another floor
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • 6th Floor Detox Unit 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed • Obtain unit from 6th Floor Detox Unit
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • VS3 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • 6th Floor Detox Unit 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Borrow working unit from another floor

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN ANESTHESIA

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> Anesthesia Agent Vaporizer 	<ul style="list-style-type: none"> Call Anesthesia Technician 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Sedate patient by other means (use another agent) Back-up anesthesia machine Obtain spare unit in Anesthesia Supply Room
<ul style="list-style-type: none"> Anesthesia Machine 	<ul style="list-style-type: none"> Call Anesthesia Technician 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Manually ventilate patient Obtain back-up from empty O.R. room
<ul style="list-style-type: none"> Blood Fluid Warmer 	<ul style="list-style-type: none"> Anesthesia Supply Room Central Supply x3884 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Obtain spare unit from Anesthesia Supply Room or Central Supply x3884
<ul style="list-style-type: none"> Cardiac Output/SVO2 Monitor 	<ul style="list-style-type: none"> Anesthesia Supply Room 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Obtain spare unit from MICU or empty O.R. room
<ul style="list-style-type: none"> Hypo/Hyperthermia Unit 	<ul style="list-style-type: none"> Call Anesthesia Technician Replacement in O.R. x3900 Central Supply x3884 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Obtain spare unit from Central Supply x3884 or 11/12 core
<ul style="list-style-type: none"> Anesthesia Monitor 	<ul style="list-style-type: none"> Call Anesthesia Technician Anesthesia Supply Room 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Obtain spare unit from Anesthesia Supply Room
<ul style="list-style-type: none"> Pacemaker, Esophageal 	<ul style="list-style-type: none"> Call Anesthesia Technician O.R x3900 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Use Lifepak 20 defibrillator/pacer

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN ANESTHESIA

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Patient Monitor and Modules 	<ul style="list-style-type: none"> • Monitor: <ul style="list-style-type: none"> - Another O.R. room - Biomedical Engineering Services x4899 • Modules: <ul style="list-style-type: none"> - Anesthesia Supply Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare unit from Anesthesia Supply Room or Biomedical Engineering Services x4899
<ul style="list-style-type: none"> • Portable Patient Monitor (Propaq) 	<ul style="list-style-type: none"> • Call Anesthesia Technician • Anesthesia Supply Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare unit from Anesthesia Supply Room, SICU or Biomedical Engineering Services x4899
<ul style="list-style-type: none"> • Rapid Blood/Fluid Warmer (Level I) 	<ul style="list-style-type: none"> • Call Anesthesia Technician • ED 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Use spare Level I from Emergency Department or MICU
<ul style="list-style-type: none"> • Syringe Infusion Pump 	<ul style="list-style-type: none"> • Anesthesia Supply Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare unit from Anesthesia Supply Room

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN CT

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Anesthesia Machine 	<ul style="list-style-type: none"> • Operating Room x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Manually ventilate patient
<ul style="list-style-type: none"> • Defibrillator/Monitor/Pacer 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed
<ul style="list-style-type: none"> • I.V. Pumps 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • R.N. • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Contact Nursing Services x5003 • Obtain new pump
<ul style="list-style-type: none"> • Patient Monitors and Components 	<ul style="list-style-type: none"> • Monitor: <ul style="list-style-type: none"> - Operating Room x3900 - Biomedical Engineering Services x4899 • Modules: <ul style="list-style-type: none"> - Anesthesia Supply Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare unit/modules, available on stands and in cupboards in dept • Contact Floor or Emergency Dept x3888
<ul style="list-style-type: none"> • Portable Monitors 	<ul style="list-style-type: none"> • Emergency Room x3888 • Nursing Units 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare on stand in dept • Contact Floor or Emergency Dept x3888
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN CVL-VASCULAR LAB

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> Defibrillator Monitor, Pacer 	<ul style="list-style-type: none"> Two other Cath Labs 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Manual CPR
<ul style="list-style-type: none"> Monitor and Components 	<ul style="list-style-type: none"> Portable - Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Portable monitor available in unit
<ul style="list-style-type: none"> Pacemaker 	<ul style="list-style-type: none"> Defibrillator/Pacer in Cath Lab 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Defibrillator/Pacer

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN CVU

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Bladderscan 	<ul style="list-style-type: none"> • Borrow working unit from another floor 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Cath as needed • Borrow working unit from another floor
<ul style="list-style-type: none"> • Bedside Monitors and Components 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Modules and cables located in Supply Room 3106 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Put patient on portable monitor
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Borrow defibrillator from MCCU
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • LVAD 	<ul style="list-style-type: none"> • Perfusion x5318 	<ul style="list-style-type: none"> • Perfusion x5318 	<ul style="list-style-type: none"> • Back-up provided by Perfusion
<ul style="list-style-type: none"> • Pacemaker 	<ul style="list-style-type: none"> • Located in Supply Room 3171 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Use Defibrillator/Pacer
<ul style="list-style-type: none"> • Telemetry 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare from RCMS or use portable monitor located in Supply Room 3171
<ul style="list-style-type: none"> • Transport Monitor 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Borrow monitor from MCCU

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN DETOX UNIT-6CD

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • 6AB 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed • Obtain unit from 6AB
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • NIBP 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Borrow working unit from another floor

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN EMERGENCY ROOM

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Defibrillator Monitor, Pacer 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Backup available in unit
<ul style="list-style-type: none"> • EZ IO Drill 	<ul style="list-style-type: none"> • No replacement available 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • I.V. • Central Line
<ul style="list-style-type: none"> • Hypo/Hyperthermia Device 	<ul style="list-style-type: none"> • MICU x4980 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Call hotline on device, 800-526-4455, opt 5, opt 5 	<ul style="list-style-type: none"> • Back-up in MICU • Cooling/warm blanket • Ice packs
<ul style="list-style-type: none"> • LVAD 	<ul style="list-style-type: none"> • Perfusion x5317/x5318 	<ul style="list-style-type: none"> • Perfusion x5317/x5318 	<ul style="list-style-type: none"> • Back-up provided by Perfusion
<ul style="list-style-type: none"> • Monitor and Components • 	<ul style="list-style-type: none"> • Other monitors available in unit 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Hook up patient to portable in unit • Back-up available in Biomed Dept x4899
<ul style="list-style-type: none"> • Sonosite (US) • 	<ul style="list-style-type: none"> • MICU x4980 • CVU x4975 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Back-up available in MICU CVU
<ul style="list-style-type: none"> • Ventilator • Bipap • V60 	<ul style="list-style-type: none"> • Respiratory Care x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate patient • Obtain back-up ventilator

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN ENDOSCOPY

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Patient Monitor 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Use another monitor within Endoscopy • Borrow from another area/department • Biomed Loaner

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN HBO

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain loaner unit from nearest location
<ul style="list-style-type: none"> • Hyperbaric Chamber 	<ul style="list-style-type: none"> • No in-house replacement available • Transfer patient to another hospital 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Abort HBO treatment
<ul style="list-style-type: none"> • Infusion Pump 	<ul style="list-style-type: none"> • Specialized (high pressure) pump in HBO area 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Use remaining specialized I.V. pump and continue or abort HBO treatment depending on patient's condition and Hyperbaric Chamber staff's discretion
<ul style="list-style-type: none"> • Patient Monitors and Components 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Continue or abort HBO treatment depending on patient's condition and Hyperbaric Chamber staff's discretion
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • No in-house replacement available 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Ventilate with AMBU • Use modified respirator • Continue or abort HBO treatment depending on patient's condition and Hyperbaric Chamber staff's discretion

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN HEART STATION

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> Defibrillator Monitor, Pacer 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Another defibrillator available in Heart Station Treatment Room/Stress Area
<ul style="list-style-type: none"> Pacemaker, External 	<ul style="list-style-type: none"> MICU CVU 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> Use defibrillator/pacer available in Heart Station Treatment Room/Stress Area

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN HEMODIALYSIS

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • CVVHD Unit 	<ul style="list-style-type: none"> • Tubing sets in Central Supply x3884 • Use other CVVHD unit if not in use 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Discontinue treatment
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain unit from nearest location
<ul style="list-style-type: none"> • Hemodialysis Unit 	<ul style="list-style-type: none"> • Tubing sets in Hemo Dept x4985 • Spare located in Hemo Dept 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Discontinue treatment • Switch to another unit if available
<ul style="list-style-type: none"> • Patient Monitor & Components 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Exchange malfunctioning modules • Use Defib/Monitor
<ul style="list-style-type: none"> • RO Water System (Portable) 	<ul style="list-style-type: none"> • Spare, portable RO unit in Hemo Dept x4985 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Maintenance Engineers x4298 	<ul style="list-style-type: none"> • Discontinue treatments
<ul style="list-style-type: none"> • Hemodialysis Machine 	<ul style="list-style-type: none"> • Hemodialysis Dept x4985 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Halt treatment and switch to another unit

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN MICU

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Balloon Pump 	<ul style="list-style-type: none"> • Perfusion Services Equipment Room x5318 	<ul style="list-style-type: none"> • Operator to page Perfusionist On-Call; Perfusion will call Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch to another balloon pump.
<ul style="list-style-type: none"> • Bedside Monitor and Components 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Leads in Director's office • Modules and cables in Pyxis 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Put patient on portable monitor
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899. 	<ul style="list-style-type: none"> • CPR as needed • Borrow unit from ICCU
<ul style="list-style-type: none"> • Hemodialysis Machine 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Tubing sets in Hemo Dept x4985 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Discontinue treatment, switch to another unit if available
<ul style="list-style-type: none"> • ICP Monitor 	<ul style="list-style-type: none"> • CVU 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Notify physician • Discontinue use • Borrow from CVU
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Clean Utility Room • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Get spare from Clean Utility Room • Obtain new pump
<ul style="list-style-type: none"> • Pacemaker 	<ul style="list-style-type: none"> • Located in CVU 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Use Lifepak 20 defibrillator

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN MICU

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • RO Portable Unit 	<ul style="list-style-type: none"> • Hemodialysis Dept, x4985 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Halt treatment and switch to available unit
<ul style="list-style-type: none"> • Transport Monitor 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Get spare from Clean Room • Borrow unit from CVU
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care, x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate • Obtain back-up unit

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN MRI

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Anesthesia Machine 	<ul style="list-style-type: none"> • Operating Room x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Manually ventilate patient
<ul style="list-style-type: none"> • Defibrillator/Monitor/Pacer 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed
<ul style="list-style-type: none"> • I.V. Pumps 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • R.N. • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Contact Floor or Emergency Dept x3888 • Obtain new pump
<ul style="list-style-type: none"> • Portable Monitors 	<ul style="list-style-type: none"> • Emergency Room x3888 • Nursing Units 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Contact Floor or Emergency Dept x3888
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN NUCLEAR MEDICINE

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> I.V. Pump 	<ul style="list-style-type: none"> Central Supply x3884 	<ul style="list-style-type: none"> Biomedical Engineering Services x4899 Central Supply x3884 R.N. 	<ul style="list-style-type: none"> Gravity drip until unit replaced with a spare Obtain new pump
<ul style="list-style-type: none"> Ventilator 	<ul style="list-style-type: none"> Respiratory Care x3891 	<ul style="list-style-type: none"> Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> Manually ventilate patient Obtain back-up ventilator

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN O.R.

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Obtain loaner from Core or Recovery • CPR until loaner arrives
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Central Supply, x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care, x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN PACU

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Bedside Monitors and Components 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Modules, Leads, etc. located in unit 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Install portable monitor located in PARU • Request Biomed loaner
<ul style="list-style-type: none"> • Defibrillator 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed • Borrow unit from O.R.
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • Transport Monitor 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Borrow unit from Anesthesia
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate patient • Obtain back-up unit

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN PERFUSION

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Autotransfusion Unit 	<ul style="list-style-type: none"> • Operating Room suites 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch to another autotransfusion unit
<ul style="list-style-type: none"> • Balloon Pump 	<ul style="list-style-type: none"> • Perfusion Equipment Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch to another balloon pump
<ul style="list-style-type: none"> • Blood Gas Analyzer 	<ul style="list-style-type: none"> • Operating Room x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare from nearest location
<ul style="list-style-type: none"> • Blood Pump 	<ul style="list-style-type: none"> • Operating Room x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Hand crank pump cassette unit until pump is switched with another
<ul style="list-style-type: none"> • Centrimag Pump 	<ul style="list-style-type: none"> • Perfusion Equipment Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch to another pump
<ul style="list-style-type: none"> • Coagulation Timer 	<ul style="list-style-type: none"> • Operating Room x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Switch to another unit
<ul style="list-style-type: none"> • Heart-Lung Machine and Components 	<ul style="list-style-type: none"> • Replacement modules in another machine in Operating Room. 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Change out defective module with one from another Heart-Lung machine

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN PERFUSION

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Hypo/Hyperthermia Unit 	<ul style="list-style-type: none"> • Operating Room suites, x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Switch to another unit
<ul style="list-style-type: none"> • LVAD 	<ul style="list-style-type: none"> • Perfusion 	<ul style="list-style-type: none"> • Perfusion 	<ul style="list-style-type: none"> • Back-up provided by Perfusion
<ul style="list-style-type: none"> • Oxygen Blender 	<ul style="list-style-type: none"> • On other heart-lung machines 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Switch to another unit
<ul style="list-style-type: none"> • Oxygen Saturation Monitor 	<ul style="list-style-type: none"> • Operating Room, x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Switch to another unit
<ul style="list-style-type: none"> • Vaporizer (Anesthesia) 	<ul style="list-style-type: none"> • On other heart-lung machines 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Use other drugs • Switch to another vaporizer

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN RADIATION THERAPY

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • AED 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed • Nearest AED is located in Dana Center Lobby
<ul style="list-style-type: none"> • I.V. Pumps 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Obtain new pump
<ul style="list-style-type: none"> • Patient Monitor and Components 	<ul style="list-style-type: none"> • Monitor: <ul style="list-style-type: none"> - Operating Room x3900 or - Biomedical Engineering Services x4899 • Modules: <ul style="list-style-type: none"> - Anesthesia Supply Room, rm 2275 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Obtain spare unit/modules
<ul style="list-style-type: none"> • Ventilator 	<ul style="list-style-type: none"> • Respiratory Care x3891 	<ul style="list-style-type: none"> • Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services 	<ul style="list-style-type: none"> • Manually ventilate patient • Obtain back-up ventilator from Respiratory Care x3891

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN RADIOLOGY

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Anesthesia Machine 	<ul style="list-style-type: none"> • Operating Room x3900 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Manually ventilate patient
<ul style="list-style-type: none"> • Defibrillator/Monitor/Pacer 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • CPR as needed
<ul style="list-style-type: none"> • I.V. Pumps 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 • R.N. • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until unit replaced with a spare • Contact Nursing Services x5003 • Obtain new pump
<ul style="list-style-type: none"> • Patient Monitors and Components 	<ul style="list-style-type: none"> • Monitor: <ul style="list-style-type: none"> - Operating Room or - Biomedical Engineering Services x4899 • Modules: <ul style="list-style-type: none"> - Anesthesia Supply Room 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Contact Floor or Emergency Dept x3888
<ul style="list-style-type: none"> • Portable Monitors 	<ul style="list-style-type: none"> • Emergency Room x3888 • Nursing Units 	<ul style="list-style-type: none"> • Biomedical Engineering Services x4899 	<ul style="list-style-type: none"> • Contact Floor or Emergency Dept x3888

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN SICU

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • Balloon Pump 	<ul style="list-style-type: none"> • Perfusion equipment room 	<ul style="list-style-type: none"> • Operator to page Perfusionist On-Call. 	<ul style="list-style-type: none"> • Switch to another balloon pump from the Operating Room
<ul style="list-style-type: none"> • Defibrillator Monitor, Pacer 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899. 	<ul style="list-style-type: none"> • Unit available from the Operating Room
<ul style="list-style-type: none"> • Infusion Pumps 	<ul style="list-style-type: none"> • Central Supply 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899. 	<ul style="list-style-type: none"> • Manual drip
<ul style="list-style-type: none"> • Pacemaker, External 	<ul style="list-style-type: none"> • Spare available in unit 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899. 	<ul style="list-style-type: none"> • Use defibrillator/pacer in unit
<ul style="list-style-type: none"> • Patient Monitor and Component 	<ul style="list-style-type: none"> • Portable monitor unit available in unit 	<ul style="list-style-type: none"> • Biomedical Engineering Services, x4899 	<ul style="list-style-type: none"> • Hook patient up to portable monitor available in unit
<ul style="list-style-type: none"> • Ventilators 	<ul style="list-style-type: none"> • Respiratory Care 	Page Shift Supervisor; Respiratory Care will call Biomedical Engineering Services, x4899.	<ul style="list-style-type: none"> • Manually ventilate patient • Obtain back-up ventilator

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EMERGENCY RESPONSE ACTIONS FOR PATIENT-CARE EQUIPMENT FAILURES IN ULTRASOUND

EQUIPMENT	REPLACEMENT EQUIPMENT/SUPPLIES	IN THE EVENT OF FAILURE, CALL:	INTERIM MEASURES
<ul style="list-style-type: none"> • I.V. Pump 	<ul style="list-style-type: none"> • Central Supply x3884 	<ul style="list-style-type: none"> • R.N. • Biomedical Engineering Services x4899 • Central Supply x3884 	<ul style="list-style-type: none"> • Gravity drip until replacement arrives • Obtain new pump