

Pittsburgh General Hospital

Patient Care Equipment Failure Rate Analysis

Including Data From 01/01/2013 to 12/31/2013

Device Type	Device Count	# Repair WOs	Manufacturer	Model	Failure Rate	PM Hours	Repair Hours	Labor Costs	Material Costs	Annual Svc Contract
Beds, Bed, Electric	183	2			1.09%	0.30	1.00	\$26.00	\$0.00	\$0.00
	1	0	Berne	B3130E	0.00%	0.30	0.00	\$6.00	\$0.00	
	1	1	Hill-Rom	850	100.00%	0.00	1.00	\$20.00	\$0.00	
	1	1	Hill-Rom	Affinity	100.00%	0.00	0.00	\$0.00	\$0.00	
	178	0	Hill-Rom	SPO2RT	0.00%	0.00	0.00	\$0.00	\$0.00	
	2	0	Linak	LA31U13602	0.00%	0.00	0.00	\$0.00	\$0.00	
Beds, Bed, Electric, Obese	2	0			0.00%	0.00	0.00	\$0.00	\$0.00	\$0.00
	2	0	Neuropedic	None	0.00%	0.00	0.00	\$0.00	\$0.00	
Laboratory Analyzers, Blood Gas/pH Analyzer	41	1			2.44%	7.95	1.00	\$179.00	\$0.00	\$0.00
	15	0	Abbott	i-Stat 1 MN-300	0.00%	0.00	0.00	\$0.00	\$0.00	
	4	0	AVL Scientific	Premier 3000	0.00%	0.00	0.00	\$0.00	\$0.00	
	1	1	Covita / Befont	piCO+	100.00%	1.50	1.00	\$50.00	\$0.00	
	1	0	IL	Premier 3000	0.00%	0.45	0.00	\$9.00	\$0.00	
	17	0	Instrumentation Laboratory	4000	0.00%	0.00	0.00	\$0.00	\$0.00	
	3	0	Radiometer	ABL800	0.00%	6.00	0.00	\$120.00	\$0.00	
Laboratory Analyzers, Coagulation Analyzer	45	0			0.00%	0.00	0.00	\$0.00	\$0.00	\$0.00
	2	0	Haemoscope	300C	0.00%	0.00	0.00	\$0.00	\$0.00	
	30	0	ITC	Hemochron Elite	0.00%	0.00	0.00	\$0.00	\$0.00	
	1	0	None	MTX	0.00%	0.00	0.00	\$0.00	\$0.00	
	4	0	Roche	CoaguChek XS	0.00%	0.00	0.00	\$0.00	\$0.00	
	8	0	Roche	CoaguChek XS	0.00%	0.00	0.00	\$0.00	\$0.00	
Laboratory Analyzers, Coagulation Analyzer, Automated	10	9			90.00%	20.00	12.00	\$640.00	\$0.00	\$35,085.50
	1	0	Dade Behring	BCS XP	0.00%	0.00	0.00	\$0.00	\$0.00	
	2	2	Instrumentation Laboratory	ACL TOP 500	100.00%	4.00	2.00	\$120.00	\$0.00	
	4	4	Instrumentation Laboratory	ACL TOP CTS	100.00%	16.00	4.00	\$400.00	\$0.00	
	1	0	Johnson & Johnson	Autobio	0.00%	0.00	0.00	\$0.00	\$0.00	
	2	3	Medtronic	HMS Plus	150.00%	0.00	6.00	\$120.00	\$0.00	

Device Type	Device Count	# Repair WOs	Manufacturer	Model	Failure Rate	PM Hours	Repair Hours	Labor Costs	Material Costs	Annual Svc Contract
Ventilators, Ventilator	216	273			126.39%	845.04	818.69	\$33,274.60	\$8,205.56	\$0.00
	1	0	Acutronic	Mistral	0.00%	0.00	0.00	\$0.00	\$0.00	
	8	6	Biomedical Devices	MVP-10	75.00%	16.50	7.10	\$472.00	\$695.00	
	25	65	Carefusion	Avea	260.00%	117.06	253.24	\$7,406.00	\$209.00	
	16	56	Carefusion	Avea 17310-00	350.00%	62.54	206.50	\$5,380.80	\$569.00	
	2	0	Carefusion	LTV 1200	0.00%	3.50	0.00	\$70.00	\$0.00	
	19	15	Carefusion	LTV1200	78.95%	71.10	51.70	\$2,456.00	\$0.00	
	14	24	Carefusion	Vela	171.43%	63.00	62.50	\$2,510.00	\$5,915.00	
	11	8	Carefusion	Vela 16531-00	72.73%	23.75	11.50	\$705.00	\$0.00	
	2	0	Monaghan	225	0.00%	13.00	0.00	\$260.00	\$0.00	
	67	85	Nellcor Puritan Bennett	840	126.87%	328.53	191.15	\$10,393.60	\$0.00	
	50	14	Philips	V60	28.00%	146.06	35.00	\$3,621.20	\$817.56	
	1	0	Viasys	Mark 7	0.00%	0.00	0.00	\$0.00	\$0.00	
Ventilators, Ventilator, High Frequency	42	25			59.52%	187.60	61.45	\$4,981.00	\$24,721.50	\$0.00
	1	0	Bear Medical	150	0.00%	3.75	0.00	\$75.00	\$0.00	
	19	10	Bunnell Life Systems	203	52.63%	93.50	42.15	\$2,713.00	\$188.33	
	8	2	Bunnell Life Systems	312	25.00%	28.35	4.50	\$657.00	\$0.00	
	1	1	Bunnell Life Systems	Life Pulse 203A	100.00%	5.00	2.00	\$140.00	\$0.00	
	5	0	Carefusion	3100A	0.00%	26.00	0.00	\$520.00	\$0.00	
	8	12	Carefusion	3100B	150.00%	31.00	12.80	\$876.00	\$24,533.17	
Ventilators, Ventilator, Neonatal	4	1			25.00%	11.00	1.00	\$240.00	\$0.00	\$0.00
	3	0	Smiths Medical	BabyPac 100	0.00%	9.25	0.00	\$185.00	\$0.00	
	1	1	Smiths Medical	BabyPac100	100.00%	1.75	1.00	\$55.00	\$0.00	
Ventilators, Ventilator, Other	3	0			0.00%	5.61	0.00	\$112.20	\$0.00	\$0.00
	2	0	Percussionaire	F00001C	0.00%	5.50	0.00	\$110.00	\$0.00	
	1	0	ResMed	26013	0.00%	0.11	0.00	\$2.20	\$0.00	

Report Parameters:

1. Assets of Type "PC" (Patient Care)
2. WO Data between Start & End Dates