

Towards a Sustainable Paediatric Cardiac Service in The Caribbean – Photos and Budget









The Budget

Bustamante Hospital for Children Cardiac Unit

Construction Costs	\$750,000
Equipment for ICU	\$1,108,558
Equipment for Theatre	\$408,691
Equipment for Catheter Lab	\$1,317,608
Maintenance Contracts at 12%	\$339,903
Training Costs	\$422,000
Professional Fees	\$60,000
Total Cost to Raise	\$4,406,760

2011-2012 Training Budget

Description	Cost (USD)
Cardiology	
1. Dr Sharonne Forrester	\$30,000
2. 2 nd trainee	\$30,000
Total	\$60,000
Anaesthesia	
3. Dr Cleopatra Patterson	\$35,000
4. 2 nd trainee	\$17,000
Total	\$52,000
Perfusion	
5. 1 year training	\$80,000
Total	\$80,000
Nursing	
6. Symposiums	\$60,000
7. Monitoring	\$10,000
Total	\$70,000
Biomedical Engineering	
8. Biomedical Engineering	\$40,000
Total	\$40,000
TOTAL	\$302,000

2012-2013 Training Budget

Description	Cost (USD)
Perfusion	
1. 1 year training	\$80,000
Total	\$80,000
Biomedical Engineering	
2. Biomedical Engineer	\$40,000
Total	\$40,000
TOTAL	\$120,000
Training Total	\$422,000

Quote for a 10 Bedded ICU

Description	Unit cost (GBP)	Units	Cost (GBP)	Cost (USD)
1.Ventilators	£25,000	10	£250,000	\$384,768
2. Haemodynamic monitors plus accessories	£15,000	10	£150,000	\$230,846
Defibrillators (with pacing facilities)	£7,500	5	£37,500	\$57,711
Internal Defib Paddles (various sizes)	£250	6	£1,500	\$2,308
Syringe pumps	£1,000	10	£10,000	\$15,390
Infusion pumps (volumetric)	£1,500	10	£15,000	\$23,412
Intensive Care Bed (Adult)	£2,500	4	£10,000	\$15,390
Intensive Care Bed (Paed)	£2,500	4	£10,000	\$15,390
Intensive Care Bed (Neonatal)	£2,500	4	£10,000	\$15,390
Pacemakers	£1,590	5	£7,950	\$12,255
Arterial blood gas machine	£25,000	1	£25,000	\$38,475
Bear huggers (incl. one for theatre)	£1,950	6	£11,760	\$18,098

Quote for a 10 Bedded ICU Continued

Description	Unit cost (GBP)	Units	Cost (GBP)	Cost (USD)
Warming blankets	£186 for 10	20	£3,720	\$5725
Fluid warming	£1,995	1	£1,995	\$3,070
Echo machine (stand up)	£45,000	1	£45,000	\$69,255
GE Transophageal Echo Probe- paediatric	£6,000	1	£6,000	\$9,234
GE Transophageal Echo Probe- Adult	£6,000	1	£6,000	\$9,234
GE Vascular Probe	£7,000	1	£7,000	\$10,773
Portable Echo Machine (Vivid I)	£50,360	1	£50,360	\$77,520
Incubator	£30,000	1	£30,000	\$46,170
Transport Incubator	£30,000	1	£30,000	\$46,170
Flowmeters	80	16	£1,280	\$1,969
TOTAL			£720,065	\$1,108,558

Quote For One Theatre

Description	Unit Cost (GBP)	Units	Cost (GBP)	Cost (USD)
Anaesthesia Machine	£30,000	1	£30,000	\$46,156
ETCO2 Monitor/Haemodynamic monitor	£16,000	1	£16,000	\$24,624
Surgical Light	£11,000	1	£11,000	\$16,924
Operating Table	£11,000	1	£11,000	\$16,924
Electro Surgical Unit	£8,000	1	£8,000	\$12,308
Mobile Surgical Suction Unit	£570	3	£1,710	\$877
Heart Monitor	£10,000	1	£10,000	\$15,390
Heart Lung Machine	£145,000	1	£145,000	\$223,162
Heater Cooler	£9,000	1	£9,000	\$13,851
Cell saver and disposables	£25,000	1	£25,000	\$38,475
TOTAL			£266,710	\$408,691

Quote For One Catheter Lab

Description	Unit Cost (GBP)	Units	Cost (GBP)	Cost (USD)
Catheter Lab	£800,000	1	£800,000	\$1,231,438
Anaesthesia Machine	£30,000	1	£30,000	\$46,156
ETCO2 Monitor/Haemodynamic Monitor	£16,000	1	£16,000	\$24,624
Heart Monitor	£10,000	1	£10,000	\$15,390
TOTAL			£856,000	\$1,317,608

Additional Costs

Description	Unit Cost (GBP)	Units	Cost (GBP)	Cost (USD)
Installation costs	£2,000		- £2,000	\$3,077
Shipping costs	£5,000		- £5,000	\$7,693
Maintenance/Service costs =+12%	£220,859		- £220,859	\$339,903
TOTAL			£227,859	\$350,673