

**Supplemental Digital Content 4 – Details of procedures for multiply-exposed children**

SEX	# ANES	OTHER SYSTEMIC DISEASE	PROCEDURES RECEIVED PRIOR TO AGE 3		
			Age 0-0.9 years	Age 1-1.9 years	Age 2-2.9 years
F	2	NONE	OPERATION ON EXTROCLAR MUSCLES		EXTRAOCULAR MUSCLE ADVANCEMENT
M	4	NONE	NASOLACRIMAL DUCT PROBE*		NASOLACRIMAL DUCT PROBE
					DACRYOCYSTORHINOSTOMY
F	3	NONE		CREATE CUTANEOPERITONEAL FISTULA FOR PERITONEAL DIALYSIS (ACUTE HEMOLYTIC-UREMIC SYNDROME)	
				CENTRAL VENOUS CATHETER	
				REMOVAL VENOUS AND DIALYSIS CATHETERS	
F	2	ASTHMA		MYRINGOTOMY	T&A
M	2	NONE	SYNDACTYLY CORRECTION*		
F	2	NONE	MYRINGOTOMY	TOOTH FILLING & DENTAL SCALING	
M	6	NONE	UNILATERAL ADRENALECTOMY (NEUROBLASTOMA)	TOOTH FILLING & DENTAL SCALING	UPPER ENDOSCOPY*
			MYRINGOTOMY		MYRINGOTOMY, ADENOIDECTOMY
M	2	NONE	CYSTOSTOMY		
			URETHRAL REPAIR		
M	3	NONE	NASOLACRIMAL DUCT PROBE	URETHRAL MEATOPLASTY	NASOLACRIMAL DUCT PROBE
F	2	NONE		NASOLACRIMAL DUCT PROBE	
				EXPLORE TENDON SHEATH-HAND	
M	2	NONE	MYRINGOTOMY		MYRINGOTOMY, ADENOIDECTOMY
M	2	NONE	BILATERAL INGUINAL HERNIA REPAIR		MYRINGOTOMY
M	5	NONE		WOUND DEBRIDEMENT*	
				FREE SKIN GRAFT	
				WOUND IRRIGATION	

				IMMOBILIZ & ATTENTION TO WOUND	
M	2	NONE	PYLOROMYOTOMY	REPAIR COARCTATION AORTA (WITHOUT BYPASS)	
M	2	NONE	INCISION PERIANAL ABSCESS		MYRINGOTOMY, ADENOIDECTOMY
F	5	NONE		REPAIR EYEBALL RUPTURE	
				EYE EXAMINATION UNDER ANESTHESIA	
				EYE FLUORESCEIN ANGIOGRAPHY	
				CATARACT EXTRACTION & LENS INSERTION	
				REMOVE HEAD, NECK SUTURES	
F	3	NONE		SKIN LESION EXCISION*	SKIN LESION EXCISION*
F	2	NONE	UMBILICAL HERNIA REPAIR	SKIN LESION EXCISION*	
M	2	NONE		NASOLACRIMAL DUCT PROBE	LACRIMAL SYSTEM OPERATION
F	2	NONE	CLEFT PALATE CORRECTION		MYRINGOTOMY
F	3	ASTHMA	REPAIR VENTRICULAR AND ATRIAL SEPTAL DEFECTS	MYRINGOTOMY, ADENOIDECTOMY	MYRINGOTOMY, TONSILLECTOMY
M	8	NONE	BALLON ATRIAL SEPTOSTOMY		HEART CATHETERIZATION
			PULMONARY ARTERY BANDING		TOTAL CORRECTION OF TRANSPOSITION OF GREAT VESSELS
			STERNAL WIRE REMOVAL		ANTIBIOTIC INJECTION INTO THORACIC CAVITY
			CARDIAC CATHETERIZATION		
			CAVAL-PULMONARY ARTERY ANASTOMOSIS		
M	2	ASTHMA	BILATERAL INGUINAL HERNIA REPAIR		
			MYRINGOTOMY		
F	5	NONE	TRACHEOESOPHAGEAL FISTULA REPAIR	ESOPHAGEAL DILATION	ESOPHAGEAL DILATION
			REPAIR RECURRENT TRACHEOESOPHAGEAL FISTULA		
			MYRINGOTOMY, ESOPHAGEAL DILATION		
M	3	NONE	NASOLACRIMAL DUCT PROBE	NASOLACRIMAL DUCT PROBE	REPAIR LACRIMAL SYSTEM

M	2	NONE	BILATERAL INGUINAL HERNIA REPAIR		
			INGUINAL HERNIA REPAIR		
F	2	ASTHMA	MYRINGOTOMY	MYRINGOTOMY, ADENOIDECTOMY	
M	4	NONE	ORTHODONTIC APPLIANCE APPLICATION		MYRINGOTOMY
			REPAIR OF CLEFT LIP & CLEFT PALATE		
			REVISE CLEFT PALATE CORRECTION		
M	8	FAILURE TO THRIVE (FROM RECURRENT UTI), ASTHMA	VESICOSTOMY	URETHRA LESION EXCISION	CLOSED BRONCHIAL BIOPSY
			BILATERAL INGUINAL HERNIA REPAIR		
			I&D THIGH ABSCESS		
			HIATAL HERNIA REPAIR		
			HICKMAN CATHETER PLACEMENT		
			DETORSION OF SMALL BOWEL VOLVULUS		
			HICKMAN CATHETER REMOVAL		
M	2	NONE			MYRINGOTOMY
					CLOSED REDUCTION - TIBIA, FIBULA FRACTURE
F	3	NONE	NASOLACRIMAL DUCT PROBE*	RHINOSCOPY	
M	2	ASTHMA	MYRINGOTOMY	MYRINGOTOMY, TONSILLECTOMY, HYPO-EPISPADIUS REPAIR	
M	6	PREMATURITY (34 WEEKS)	BALLON ATRIAL SEPTOSTOMY	HYPO-EPISPADIUS REPAIR	MRI
			TOTAL CORRECTION OF TRANSPOSITION OF GREAT VESSELS	CARDIAC CATHETERIZATION	
				HYPO-EPISPADIUS & PENILE REPAIR	
F	2	NONE		OPERATION ON EXTROCLAR MUSCLES	OPERATION ON EXTROCLAR MUSCLES
M	2	NONE			UPPER ENDOSCOPY*
					LAPAROSCOPIC

					APPENDECTOMY
M	2	NONE		MYRINGOTOMY	MYRINGOTOMY
F	2	NONE		UMBILICAL HERNIA REPAIR	ABDOMINAL WALL HERNIA REPAIR
M	2	NONE		LARGE BOWEL BIOPSY	
				COLONOSCOPY	
F	2	NONE		MYRINGOTOMY	MYRINGOTOMY, T&A
F	3	NONE	MYRINGOTOMY	MYRINGOTOMY	
				TYMPANOSTOMY TUBE REMOVAL	
F	3	NONE	CAST APPLICATION	MYRINGOTOMY	
			REPLACE LOWER LIMB CAST		
F	2	NONE		MYRINGOTOMY	MYRINGOTOMY
F	3	ASTHMA		MYRINGOTOMY	ADENOIDECTOMY
				TYMPANOSTOMY TUBE REMOVAL	
M	2	NONE	MYRINGOTOMY		TYMPANOSTOMY TUBE REMOVAL
M	2	NONE		MYRINGOTOMY	MYRINGOTOMY, T&A
F	3	NONE	SOFT TISSUE BIOPSY		EXCISE SKIN LESION
			SPINAL CORD FIBROSARCOMA EXCISION		
M	2	ASTHMA	BILATERAL INGUINAL HERNIA REPAIR	MYRINGOTOMY	
M	2	NONE	HYPO-EPISPADIUS REPAIR		ATRIAL SEPTAL DEFECT REPAIR
M	2	NONE		LIVER BIOPSY	
				PARTIAL HEPATECTOMY&CHOLECYSTECTOMY (CYSTIC BILIARY MALFORMATION)	
M	2	NONE	UMBILICAL HERNIA REPAIR		INGUINAL HERNIA REPAIR
F	2	NONE	NASOLACRIMAL DUCT PROBE		
			MYRINGOTOMY		
F	2	NONE	MYRINGOTOMY		MYRINGOTOMY, T&A
M	2	NONE		HYPO-EPISPADIUS REPAIR	
				SYNDACTYLY CORRECTION	
M	2	ASTHMA		CIRCUMCISION	

				EXTRAOCULAR MUSCLE RECESSION	
M	3	ASTHMA		MYRINGOTOMY	
				MASTOIDECTOMY	
				PICC LINE PLACEMENT	
M	11	NONE	RECTAL BIOPSY		DILATION ANAL SPHINCTER*
			SOAVE RESECTION OF RECTUM		
			DILATION ANAL SPHINCTER*		
M	2	NONE		LANRYNX BIOPSY	LINGUAL FRENOTOMY
M	2	NONE	MYRINGOTOMY		MYRINGOTOMY, ADENOIDECTOMY
M	5	NONE	REPAIR OF CLEFT LIP	REVISION OF CLEFT PALAT REPAIR	MYRINGOTOMY
			CLEFT LIP & PALATE REPAIR	REVISION CLEFT PALATE REPAIR	
M	3	NONE	EYELID ADHESION RELEASE		MYRINGOTOMY
			MYRINGOTOMY		
M	2	NONE		MYRINGOTOMY	MYRINGOTOMY, ADENOIDECTOMY
M	2	NONE	MYRINGOTOMY		T&A
F	4	NONE	CLUBFOOT RELEASE	MYRINGOTOMY	
			EXTERNAL IMMOBILIZATION REMOVAL		
			REPLACE LOWER LIMB CAST		
F	2	NONE		T&A	MYRINGOTOMY
M	4	NONE	FIBER-OPTIC BRONCHOSCOPY	BRONCHIAL BIOPSY, HYPO-EPIPADUIS REPAIR	
			BRONCHIAL&GASTRIC BIOPSEIS		
			OPEN LUNG BIOPSY (FOLLICULAR BRONCHIOLITIS)		
M	3	NONE		MYRINGOTOMY, T&A	ADENOIDECTOMY
				HEMORRHAGE CONTROL POST T&A	
F	5	NONE	MYELOMENINGOCEL REPAIR, VP SHUNT		CLUBFOOT RELEASE
			REVISION OF PERITONEAL INCISION		REMOVE EXTERNAL IMMOBILIZATION
					REPLACE LOWER LIMB CAST
F	5	ASTHMA	UPPER ENDODSCOPY,	MYRINGOTOMY	MYRINGOTOMY, T&A

			BRONCHOSCOPY		
			MRI		
			BRONCHOSCOPY		
M	3	NONE	REPAIR OF CLEFT LIP	MYRINGOTOMY	
				MYRINGOPLASTY, BRONCHOSCOPY	
F	2	NONE	MYRINGOTOMY		MYRINGOTOMY
M	2	ASTHMA		MRI	REPAIR OF BLEPHAROPTOSIS
M	2	GARDNER SYNDROME	NASOLACRIMAL DUCT PROBE	NASOLACRIMAL DUCT PROBE	
M	2	NONE	INGUINAL HERNIA REPAIR , ORCHIOPEXY		
			INGROWN TOE NAIL REMOVAL		
M	2	NONE	CIRCUMCISION		MYRINGOTOMY, T&A
M	2	NONE		MYRINGOTOMY	UPPER ENDOSCOPY, COLONOSCOPY
M	2	NONE		MYRINGOTOMY	
				ESOTROPIA CORRECTION	
F	3	GORDON SYNDROME		ARTHROGRYPOSIS CORRECTION	
				IMMOBILIZATION, WOUND CARE	
				MYRINGOTOMY	
M	2	NONE		MYRINGOTOMY	MYRINGOTOMY, ADENOIDECTOMY
F	4	ASTHMA	EPIGLOTTIDECTOMY	T&A	BRONCHOSCOPY, UPPER ENDOSCOPY
					UPPER ENDOSCOPY
F	3	NONE		LASER PHOTOTHERMOLYSIS PORT WINE STAIN*	
M	2	NONE	MYRINGOTOMY	MYRINGOTOMY	
M	2	NONE	MYRINGOTOMY		MYRINGOTOMY
F	2	NONE			FULL THICKNESS EYELID REPAIR
					RIGHT EYE SILICONE TUBE REMOVAL
M	8	NONE			LYMPHOANGIOMA EXCISION
					WOUND DEBRIDEMENT,

					IRRIGATION, & DRESSING*
M	4	ASTHMA	CLEFT PALATE REPAIR		
			REPAIR OF CLEFT LIP*		
			REMOVE HEAD, NECK SUTURES		
F	2	SMALL PDA		NASOLACRIMAL DUCT PROBE	
				NASOLACRIMAL DUCT INTUBATION	
M	29	LINEAR IGA BULLOUS DERMATOSIS	BRONCHOSCOPY, ESOPHAGOSCOPY	HICKMAN CATHETER REMOVAL & SUBCLAVIAN PORT-A-CATH INSERTION	TONSILLECTOMY AND ADENOIDECTOMY
			TEMPORARY TRACHEOSTOMY, GASTROSTOMY	BRONCHOSCOPY, REPLACE TRACH TUBE	HEMORRHAGE CONTROL POST T&A
			LARYGNOSCOPY, BRONCHOSCOPY*	LARYGNOSCOPY, BRONCHOSCOPY	NISSEN FUNDOPLICATION, LARYNGOTRACHEOPLASTY
			TRACHEAL RECONSTRUCTION*		LARYGNOSCOPY, TRACHEOSCOPE, BRONCHOSCOPY*
			BRONCHOSCOPY THRU STOMA, HICKMAN CATHETER PLACEMENT, REPLACE GASTROSTOMY TUBE		
			HICKMAN CATHETER PLACEMENT		
M	2	NONE		RESECTION OF SACROCOCCYGEAL TERATOMA	
				EXCISION SACRAL NEVUS	
F	4	NONE	CLEFT LIP REPAIR	MYRINGOTOMY	
			MYRINGOTOMY		
			MYRINGOTOMY		
F	2	NONE		MYRINGOTOMY	TONSILLECTOMY AND ADENOIDECTOMY
M	3	NONE			APPENDICEAL ABSCESS DRAINAGE
					RETROPERITON FISTULOGRAM
					REMOVE LARGE BOWEL TUBE
F	2	NONE	ESTROPIA CORRECTION	ESTROPIA CORRECTION	
F	4	NONE		NASOLACRIMAL DUCT PROBE	NASOLACRIMAL DUCT INTUBATION, UPPER ENDOSCOPY
				T&A, BRONCHOSCOPY, ESOPHAGEAL	LACRIMAL SYSTEM OPERATION

				BIOPSY	
M	2	NONE			MRI
					COCHLEAR PROSTHESIS IMPLANT (SENSORINEURAL HEARING LOSS)
F	2	MILD PULMONIC STENOSIS		URETERONEOCYSTOSTOMY	
				PICC LINE PLACEMENT	
M	2	NONE		ORCHIOPEXY	EXCISION OF HYDROCELE
F	3	NONE	OPEN REDUCTION-HIP DISLOCATION		HIP OPEN REDUCTION & CAPSULORRHAPHY
					CAST REMOVAL
F	2	PREMATURITY (35 WEEKS)	MYRINGOTOMY		MYRINGOPLASTY
M	11	PREMATURITY (25 WEEKS)	CHORIORETINAL LESION LASER COAGULATION	LARYGNOSCOPY, TRACHEOSCP, BRONCHOSCOPY	MYRINGOTOMY
			INGUINAL HERNIA REPAIR	MYRINGOTOMY, LINGUAL FRENOTOMY	SUBGLOTTIC CYST DECOMPRESSION
			MYRINGOTOMY	MYRINGOTOMY	SUBGLOTTIC DILATION
				MRI	
				MYRINGOTOMY	
F	2	PREMATURITY (35 WEEKS)	BILATERAL INGUINAL HERNIA REPAIR		
			MRI		
F	2	NONE			URETERONEOCYSTOSTOMY
					SUBURETERIC DEFLUX INJECTION
M	4	NONE	INGUINAL HERNIA REPAIR		MYRINGOTOMY, ADENOIDECTOMY
			MYRINGOTOMY		UPPER ENDOSCOPY
M	2	NONE		EXCISE SKIN LESION	EXCISE SKIN LESION
F	2	NONE	MYRINGOTOMY		MYRINGOTOMY, T&A, BRONCHOSCOPY, ESOPHAGEAL BIOPSY
M	2	NONE	MYRINGOTOMY		MYRINGOTOMY, ADENOIDECTOMY



F	2	NONE	MYRINGOTOMY		EXCISION INFRAHYOID NECK MASS
F	9	ACUTE LEUKEMIA		INTRATHECAL CHEMOTHERAPY	INTRATHECAL CHEMOTHERAPY*
				BONE MARROW BIOPSY	
					INTRATHECAL CATHETER INSERTION
F	2	NONE	MYRINGOTOMY		MYRINGOTOMY, ADENOIDECTOMY
F	2	NONE	UPPER AND LOWER ENDOSCOPY	UPPER AND LOWER ENDOSCOPY	
M	2	NONE		INGUINAL HERNIA REPAIR*	
F	4	NONE	MYRINGOTOMY	MYRINGOTOMY	MYRINGOPLASTY, T&A
					HEMORRHAGE CONTROL POST T&A
F	2	NONE	NASOLACRIMAL DUCT PROBE	MYRINGOTOMY	
M	2	PREMATURITY (28 WEEKS), ASTHMA	CIRCUMCISION		MRI
M	5	NONE	COMPLETE REPAIR TOTAL ANOMALOUS PULMONARY VENOUS CONNECTION	MRI CHEST & HEART	
			CHEST CLOSURE	ATRIAL SEPTAL DEFECT REPAIR	
			MEDIASTINAL IRRIGATION, CHEST CLOSURE		
F	3	NONE	LARYNGEAL REPAIR	MYRINGOTOMY, ADENOIDECTOMY	T&A
M	2	PIERRE ROBIN SEQUENCE	CLEFT PALATE CORRECTION	MYRINGOTOMY, T&A	
M	5	NONE	BALLON ATRIAL SEPTOSTOMY		DIVISION OF PENILE ADHESION
			D-TRANSPOSITION OF THE GREAT VESSELS CORRECTION		
			CHEST CLOSURE		
			PENIS DORSAL SLIT		
M	6	OPITZ SYNDROME		HYPO-EPISPADIUS REPAIR	
				URETHRAL REPAIR	
				BRONCHOSCOPY, ESOPHAGOSCOPY	
				MRI	
				LARYNGEAL REPAIR	

				ADENOIDECTOMY	
F	2	NONE	MYRINGOTOMY		MYRINGOTOMY, ADENOIDECTOMY
M	2	ASTHMA		MYRINGOTOMY	T&A
M	2	NONE		MYRINGOTOMY	ADENOIDECTOMY
M	2	NONE	NASOLACRIMAL DUCT PROBE		CIRCUMCISION
M	2	NONE	MYRINGOTOMY	MRI	
M	2			MYRINGOTOMY	ABDOMINAL WALL HERNIA REPAIR
M	3	NONE	ANESTHETIZED EYE EXAM	ANESTHETIZED EYE EXAM	
				OPHTHALMOSCOPY	
F	3	NONE	LARYNGEAL REPAIR	T&A, ESOPHAGEAL BIOPSY	
				UMBILICAL HERNIA REPAIR	
M	9	NONE	ATRIAL SEPTECTOMY, PULMONARY & AORTIC PATCH & RECONSTRUCTION	MYRINGOTOMY, LARYGNOSCOPY AND BRONCHOSCOPY	CARDIAC CATHETERIZATION
			CARDIAC CATHETERIZATION		COMPLETION OF FONTAN PROCEDURE
			BIDIRECTIONAL CAVOPULMONARY ANASTAMOSIS		CARDIAC CATHETERIZATION, PULMONARY STENT PLACEMENT
			LARYGNOSCOPY AND BRONCHOSCOPY		
			CIRCUMCISION		
M	2	ASTHMA		MYRINGOTOMY	
				BRONCHOSCOPY	
F	2	NONE		MYRINGOTOMY	TYMPANOSTOMY TUBE REMOVAL
M	2	NONE		MYRINGOTOMY	MYRINGOTOMY
M	2		NASOLACRIMAL DUCT PROBE, MYRINGOTOMY		MYRINGOTOMY
F	2	NONE	NASOLACRIMAL DUCT PROBE*		
M	2	NONE		MYRINGOTOMY	T&A
M	2	NONE		MYRINGOTOMY	MYRINGOTOMY, T&A
M	3	NONE	ILEAL ATRESIA REPAIR	HYP0-EPISPADIUS REPAIR	
			SMALL BOWEL STOMA CLOSURE		

M	3	NONE	ARYEPIGLOTTOPLASTY	T&A, BRONCHOSCOPY	
			VSD CLOSURE		
M	2	ASTHMA		MYRINGOTOMY	MYRINGOTOMY, ADENOIDECTOMY
F	2	NONE	LEPTOMYELOLIPOMA EXCISION & REPAIR	MYRINGOTOMY	
M	2	PREMATURITY (29 WEEKS)	BILATERAL INGUINAL HERNIA REPAIR		
			VENTRICULOPERITONEAL SHUNT		
M	2	NONE		HYPO-EPISPADIUS REPAIR	HYPO-EPISPADIUS REPAIR
M	4	NONE		T&A, LARYGNOSCOPY	SINUS LAVAGE, BRONCHOSCOPY
				BRONCHOSCOPY, ESOPHAGEAL BIOPSY	UPPER ENDOSCOPY
M	15	PRUNE BELLY SYNDROME	NEPHROSTOMY	PARTIAL URETERECTOMY	BRONCHOSCOPY
			PDA CLOSURE	CYSTOSCOPY	REPLACE TRACHEOSTOMY TUBE
			CUTANEOUS URETEROSTOMY FORMATION	BRONCHOSCOPY	ADENOIDECTOMY, BRONCHOSCOPY
			MRI	PICC LINE PLACEMENT	REVISION OF TRACHEOSTOMY
			ABDOMINOPLASTY, ORCHIOPEXY	KIDNEY SCAN	
				TRACHEOSTOMY, BRONCHOSCOPY	
F	2	PREMATURITY (26 WEEKS)	CHORIORET LESION LASER COAGULATION*		
F	3	ACHONDROPLASIA	BRONCHOSCOPY, ESOPHAGEAL BIOPSY	MYRINGOTOMY	
			MRI		
F	2	NONE		INGUINAL HERNIA REPAIR, ORCHIOPEXY	
				MYRINGOTOMY, T&A	
F	2	NONE	MYRINGOTOMY		TYMPANOSTOMY TUBE REMOVAL
M	3	ASTHMA		MYRINGOTOMY, T&A, BRONCHOSCOPY	UPPER ENDOSCOPY
					MYRINGOTOMY, ADENOIDECTOMY
M	2	NONE		HYPO-EPISPADIUS REPAIR	CLOSE URETHRAL FISTULA
F	2	NONE	MYRINGOTOMY		MYRINGOTOMY,

					ADENOIDECTOMY
M	3		MRI		INSERT TISSUE EXPANDER
					EXCISE NEVI
M	2	NONE	HYPO-EPISPADIUS REPAIR		URETHRAL MEATOTOMY, HYPO-EPISPADIUS REPAIR
F	4	NONE	RIGHT, LEFT HEART CATHETERIZATION & ANGIOGRAM		CLOSURE OF BLALOCK-TAUSSIG SHUNT
			MODIFIED BLALOCK-TAUSSIG SHUNT		COMPLETE REPAIR TETRALOGY OF FALLOT
F	2	NONE		RETROPHARYNGEAL LYMPH NODE BIOPSY	EXTRAOCULAR MUSCLE RECESSION
M	3	NONE			ALVEOLOPLASTY
					TOOTH IMPLANTATION
					REMOVE DENTAL WIRING
M	2	NONE		MYRINGOTOMY, ADENOIDECTOMY	MYRINGOTOMY, UPPER ENDOSCOPY
M	2	NONE		HYPO-EPISPADIUS REPAIR	ADENOIDECTOMY
M	2	NONE		URETERONEOCYSTOSTOMY	
				PERCU NEPHROSTMY	
M	2	NONE		MYRINGOTOMY, LINGUAL FRENECTOMY	MYRINGOTOMY, ADENOIDECTOMY
M	4	VELOCARDIOFACIAL SYNDROME	PDA CLOSURE		UPPER ENDOSCOPY, BRONCHOSCOPY
			LARYNGOSCOPY AND BRONCHOSCOPY*		
F	3	NONE		NASOLACRIMAL DUCT PROBE	LACRIMAL CANALICULI PROBE
				NASOLACRIMAL DUCT INTUBATION	
F	2	ASTHMA		MYRINGOTOMY	MYRINGOPLASTY
F	9	NONE	TRACHEOESOPHAGEAL FISTULA REPAIR	BRONCHOSCOPY	SUBGLOTTIC CYST EXCISION, UPPER ENDOSCOPY
			SUBGLOTTIC CYST EXCISION	BRONCHOSCOPY	
			BRONCHOSCOPY*		
			SUPRAGLOTTOPLASTY		
			PLACEMENT ESOPHAGEAL PH PROBE		
M	3	ASTHMA		T&A,BRONCHOSCOPY	

				HEMORRHAGE CONTROL POST T&A	
				REMOVE INTRALUMEN NOSE FOREIGN BODY	
M	2	NONE	SYNSTOSIS REPAIR		
			HYPO-EPISPADIUS REPAIR		
M	2	NONE	BILATERAL INDIRECT INGUINAL HERNIA REPAIR		
			PYLOROMYOTOMY		
M	6	PREMATURITY (33 WEEKS)	AORTIC-PULMMONARY ARTERY SHUNT		
			CARDIAC CATHETERIZATION		
			FONTAN PROCEDURE		
			CENTRAL LINE PLACEMENT		
			THORACIC DUCT LIGATION		
			SYNSTOSIS REPAIR		
M	26	NONE	DIVERTING SIGMOID COLOSTOMY	DILATION ANAL SPHINCTER*	
			DISTAL LOOP ENDOSCOPY*		
			ANAL SPHINCTER REPAIR*		
			RECTAL PACKING		
			DILATION ANAL SPHINCTER*		
F	3	VON WILLEBRAND DISEASE		ENDOSCOPIC CONTROL OF GASTRIC HEMORRHAGE	
				UPPER ENDOSCOPY	
				COLONOSCOPY	
M	2	NONE		MYRINGOTOMY	
				BRONCHOSCOPY	
F	6	NONE	SUPRAGLOTTOPLASTY		CROWN APPLICATION, ROOT CANAL
			MYRINGOTOMY		TYMPANOSTOMY TUBE REMOVAL
			MYRINGOTOMY		T&A, BRONCHOSCOPY
M	4	NONE	MRI EXTREMITY		
			FOOT HARMATOMA EXCISION		

			WOUND DRAIN & DEBRIDEMENT		
			SUTURE REMOVAL		
F	2	NONE	NASOLACRIMAL DUCT PROBE	ADENOIDECTOMY	
F	2	ASTHMA	IRRIGATION OF EAR		RECTAL DISIMPACTION
M	9	NONE	LENSECTOMY (CONGENITAL CATARACT)	ANESTHETIZED EYE EXAM	ANESTHETIZED EYE EXAM*
			GONIOSYNECHIAE LYSIS, LENS REMOVAL	CORNEAL STICH REMOVAL	BAERVELDT DRAINAGE TUBE IMPLANT
				SECONDARY INSERTION LENS	EXTRAOCULAR MUSCLE RESECTION
				ANESTHETIZED EYE EXAM	
M	2	ASTHMA	MYRINGOTOMY		UPPER ENDOSCOPY & COLONOSCOPY
M	4	NONE		NASOLACRIMAL DUCT PROBE	BRONCHOSCOPY, UPPER ENDOSCOPY
				MYRINGOTOMY	MYRINGOTOMY, ADENOIDECTOMY
M	2	NONE		UPPER ENDOSCOPY	
				MRI	
M	3	NONE	CIRCUMCISION	URETEROPELVIC JUNCTION CORRECTION	URETEROPELVIC JUNCTION CORRECTION
F	5	NONE	MENINGOMYLOCOELE REPAIR	MRI	
			CLUBFOOT RELEASE		
			REPLACE LOWER LIMB CAST*		
F	5	VELOCARDIOFACIAL SYNDROME	PDA CLOSURE	MYRINGOTOMY	RIGHT HEART CATHETERIZATION
					MYRINGOTOMY, ADENOIDECTOMY, BRONCHOSCOPY
					MYRINGOTOMY
M	3	ASTHMA		CT SCAN	
				BRANCHIAL CLEFT CYST EXCISION	
				UPPER ENDOSCOPY	
M	2	NONE		MYRINGOTOMY*	
F	3	NONE		MYRINGOTOMY	MYRINGOTOMY, T&A
					HEMORRHAGE CONTROL POST

					T&A
F	2	NONE	MYRINGOTOMY	MYRINGOTOMY	
F	2	NONE		REPAIR OF BLEPHAROPTOSIS	REPAIR OF BLEPHAROPTOSIS
F	2	NONE		MYRINGOTOMY	BONE MARROW ASPIRATE
M	2	PREMATURITY (34 WEEKS)	CIRCUMCISION	NASOLACRIMAL DUCT PROBE	
M	4	NONE	INSERTION OF LATHAM APPLIANCE	MYRINGOTOMY	
			REPAIR OF CLEFT LIP		
			CLEFT PALATE CORRECTION		
M	2	NONE			MYRINGOTOMY, T&A
					MRI
F	2	NONE		URETERONEOCYSTOSTOMY	
				CYSTOSCOPY, REMOVE URETERAL DRAIN	
M	3	NONE	MYRINGOTOMY, REPAIR OF CLEFT LIP		
			TYMPANOSTOMY TUBE REMOVE		
			MYRINGOTOMY, CLEFT PALATE CORRECTION,		
F	4	PREMATURITY (33 WEEKS)	PARTIAL SMALL BOWEL RESECTION		
			SMALL BOWEL STOMA CLOSURE		
			LIVER BIOPSY, CHOLANGIOGRAM		
			INCISIONAL HERNIA REPAIR		
F	2	PREMATURITY (30 WEEKS)		BRONCHOSCOPY	UPPER ENDOSCOPY, MICROLARYNGOSCOPY
M	2	NONE	REMOVE PHARYNGEAL FOREIGN BODY	MYRINGOTOMY	
F	2	NONE	OPEN REDUC-HIP DISLOCATION	PEMBERTON PELVIC OSTEOTOMY	
M	2	NONE	BRONCHOSCOPY, ESOPHAGOSCOPY		
			MRI		
M	9	CONGENITAL ANOMALIES	PARTIAL SMALL BOWEL RESECTION	MYRINGOTOMY	CAST APPLICATION*
			AUDITORY BRAIN STEM RESPONSE		BONE GRAFTING FOR

					ANEURYSMAL BONE CYST*
			HYPO-EPISPADIUS REPAIR		CAST REMOVAL*
M	2	NONE	PENILE REPAIR	MYRINGOTOMY	
M	4	PREMATURITY (34 WEEKS)	CIRCUMCISION	MYRINGOTOMY	EYE MUSCLE RECESSION
					MYRINGOTOMY
M	2	NONE			EXCISION OF SKIN LESION*
M	2	NONE		MYRINGOTOMY	ADENOIDECTOMY, MYRINGOTOMY
M	2	NONE	MYRINGOTOMY	MYRINGOTOMY, T&A	
M	4	SHWACHMAN- DIAMOND SYNDROME	OPERATION ON EXTROCLAR MUSCLES	BONE MARROW ASPIRATE	BONE MARROW ASPIRATE
			LIVER BIOPSY		
M	8	LANGERHANS HISTIOCYTOSIS	PORT-A-CATH PLACEMENT	SKIN LESION EXCISION	CHEMOTHERAPY INFUSION
			CHEMOTHERAPY INFUSION		MRI
					PORT-A-CATH REMOVAL
					PORT-A-CATH PLACEMENT
					BONE MARROW ASPIRATE
F	3	NONE	ADENOIDECTOMY, BRONCHOSCOPY	OPERATION ON EXTROCLAR MUSCLES	
			CRANIAL SYNOSTOSIS REPAIR		
F	3	PREMATURITY (35 WEEKS)	LINGUAL FRENECTOMY		MRI
			MRI		
F	6	NONE	ADRENALECTOMY (NEUROBLASTOMA)		
			HICKMAN CATHETER INSERTION*		
			AUDIOMETRY		
			MRI, BONE SCAN		
			HICKMAN CATHETER REMOVAL		



\* Indicates that this procedure occurred more than once within an age range.

Anes, anesthetics; T&A, tonsillectomy and adenoidectomy. "Other systemic disease" refers to conditions other than those necessitating procedures.