

Table 4 Profiles of patients with seizures pre-operative (Early Pre-Op)

ID	Sex	age at admission		Admission diagnosis	STS RAC H score	Days till surg.	Age of Age at sz surg. onset		Type of Sz	Etiology	EEG	Med	Hospital stay	Age at d/c (days)	Current Status	Follow up from d/c (years)	Sz at Follow up	Epilepsy
		(Days)	(Days)				(days)	(days)										
55	F	2		Coarctation of the Aorta	4	15	15	2	generalized tonic, generalized clonic	metabolic	continuous slow generalized	PB	46	48	Alive	9.40	No	no
135	M	0		Pulmonary Atresia	3	43	43	22	generalized tonic	left MCA stroke	continuous slow generalized	none	138	138	Alive	1.65	No	no
153	F	0		Coarctation of the Aorta	4	19	19	1	oral automatism	unknown	intermittent slow generalized	PB	37	37	Alive	1.91	No	no
198	M	0		DORV	3	29	28	1	multifocal clonic	HIE	continuous slow generalized. spikes multifocal	PB	159	159	De- ceased	0.44	no	no
208	M	1		TAPVC	4	9	9	4	focal clonic (chin twitching)	unknown	spike and wave generalized, spikes bitemporal	PB	15	16	Alive	5.73	No	no
218	F	5		Coarctation of the Aorta	3	27	26	1	generalized tonic	HIE	background suppression	none	54	59	Alive	5.22	No	no

Abbreviations for Tables 4,5 and 6

PB	Phenobarital
PHT	Fosphenytoin
VPA	Valproic acid
ETX	Ethosuximide
LTG	Lamotrigine
LEV	Levetiracetam
MDZ	Midazolam
CLZ	Clonazepam
TPM	Topiramate
CBZ	Carbamazepine
OXC	Oxcarbazepine
surg	surgery
sz	seizure
d/c	discharge
med	medication
DORV	Double outlet right ventricle
TAPVC	Total anomolous pulmonary venous circulation
HLHS	Hypoplastic left heart syndrome
AV Canal	Arteriovenous canal

Table 5 Profiles of patients with seizures post-operative (Early Post-Op)

ID	Sex	age at admission (Days)	Admission diagnosis	STS RACH score	Days till surg	Age at surg	Age of seizure onset (days)	Days Post op	Type of Sz	Etiology	EEG	Med	Hospital stay (days)	Age at d/c (days)	Current Status	Follow up at UF	Follow up from d/c (years)	Sz at Follow up	Epilepsy	Meds at d/c	Weaned off
24	M	8	HLHS	6	18	17	27	9	generalized clonic	ischemic stroke	sharp waves bitemporal	none	64	72	Deceased	yes	4.17	No	no	none	yes
38	F	0	Hemitruncus	4	35	34	37	2	sub-clinical seizure, upper extremity clonic, oral automatism	genetic (DiGeorge)	continous slow, generalized. spike and wave lateralized right	PB	46	46	Alive	yes	6.80	no	no	none	yes
90	F	1	HLHS	6	12	12	42	30	apneic events	sepsis	continuous slow, generalized. spikes and sharps multifocal.	PHT, LEV	62	63	Alive	yes	8.44	No	no	LEV	yes
294	F	1	Truncus arteriosus	5	18	17	21	3	right arm clonic	genetic (DiGeorge)	spikes and sharps multifocal	PHT	138	139	Deceased	yes	2.65	Yes	yes	LEV	no

Table 6 Profiles of patients with epilepsy (Late Post-Op)

ID	Sex	age at admission (Days)	Admission diagnosis	STS RACH score	Days till surg	Age at surg	Sz onset (years)	Sz onset from surgery (years)	Sz types	Etiology	EEG	Med	other med	Prior med	Intra-table	Epilepsy	Weaned off	Hospital stay	Age at d/c (days)	Current Status	Follow up at UF	Follow up from d/c (years)
64	F	1	Ebstein's anomaly	4	9	9	4.22	4.19	generalized tonic focal tonic/ clonic, generalized tonic clonic	unknown	Spike and Wave generalized	ETX	CLZ	VPA	yes	yes	no	86	87	Alive	yes	9.05
91	M	0	Truncus arteriosus	4	6	6	2.04	2.02	clonic	right MCA stroke	continuous slow, regional, right	CBZ	LTG	LEV	yes	yes	no	22	22	Alive	yes	8.67
95	F	19	Other valvular	3	27	26	4.76	4.69	focal tonic	genetic (XXX)	continuous slow, regional, right	OXC			no	yes	no	20	39	Alive	yes	7.18
155	F	67	AV Canal	3	70	68	1.26	1.07	generalized	genetic (Downs)	hypsarhythmia continuous slow right mca stroke, generalized, sharps regional	LEV	TPM	VPA	yes	yes	no	9	78	Alive	yes	5.69
172	F	0	AV Canal	3	70	68	0.65	0.47	focal	left PCA stroke	bifrontal	LEV			no	yes	yes	98	98	Alive	yes	4.72
177	M	1	DORV	2	23	25	0.73	0.66	focal focal clonic right arm and leg	right MCA stroke	continuous slow regional right posterior	LEV			no	yes	yes	47	48	Alive	yes	7.04
196	F	0	DORV	3	17	17	0.18	0.13		unknown	spike and wave left frontal	LEV			no	yes	yes	74	74	Deceased	yes	6.49
200	F	0	AV Canal	3	84	82	0.60	0.37	generalized clonic	HIE	continuous slow, generalized.	VPA			no	yes	yes	126	126	Alive	yes	6.38
261	M	0	AV Canal	4	12	12	0.79	0.75	generalized tonic	bilateral MCA	continuous slow, generalized.	PB			no	yes	yes	92	92	Alive	yes	4.56
269	M	9	other		46	45	1.83	1.70	bilateral tonic, subclonic	stroke and HIE	background slowing	LEV			no	yes	no	152	161	Alive	yes	4.40
277	F	5	Pulmonary Atresia	3	29	28	0.28	0.20	left clonic	right mca stroke	sharps, regional bifrontal and bioccipital	PB	PHT	MDZ	yes	yes	no	119	124	Deceased	yes	0.34
294*	F	1	Truncus arteriosus	5	18	17	2.14	2.09	focal tonic	genetic (DiGeorge)	spike and wave multifocal	LEV		PHT	no	yes	no	138	139	Deceased	yes	2.65
321	F	0	Other valvular	6	13	13	0.47	0.43	behavioral arrest	subdural hemorrhage	continuous slow, regional right	LEV			no	yes	no	80	80	Alive	yes	3.12

* Patient with known post-operative seizures who develops epilepsy