

Supplemental table 1

EXTRACARDIAC ANOMALIES

SUBGROUPS*	# Patients	Heterotaxy	Chromosomal anomalies ¹	Multiple malformations ²	Syndromes ³	Total
• uAVSD	65	10	8	1	4	23 (35.4%)
• DILV	42	0	0	2	0	2 (4.8%)
• DORV	48	6	4	2	3	15 (31.3%)
• HLHS	238	0	5	5	3	13 (5.5%)
• MISC	79	6	3	3	0	12 (15.2%)
• PA-IVS	42	1	0	1	1	3 (7.1%)
• TA	81	1	1	5	4	11 (13.6%)
Total	595	24 (4.0%)	21 (3.5%)	19 (3.2%)	15 (2.5%)	79 (13.3%)

* For abbreviations, see Methods.

¹ Trisomy 13, 18, 21, Turner syndrome

² Multiple congenital defects

³ Ivemark, VACTERL, CHARGE, Apert, Eagle Barrett, Holt-Oram

Supplemental table 2

INITIAL SURGICAL PROCEDURES*

SUBGROUPS	n	Norwood I	AP-shunt	PAB	BCPC	VP-shunt	Other
• uAVSD	40	1	18	9	4	5	3
• DILV	39	0	12	14	8	4	1
• DORV	42	1	18	9	6	3	5
• HLHS	157	147	1	3	2	0	4
• MISC	61	0	26	12	12	10	1
• PA-IVS	35	0	29	0	0	0	6
• TA	70	1	33	19	16	0	1
Total	444	150 (33.8%)	137 (30.9%)	66 (14.9%)	48 (10.8%)	22 (5.0%)	21 (4.8%)

*For abbreviations, see Methods.

Supplemental table 3

Incidence of UVH births

Year	1990	1995	2000	2005	2010	2015
Number of births in Norway	60 940	60 290	59 230	56 760	61 440	59 058
Number of UVH¹ births	17	23	21	25	25	14
Number of HLHS² births	8	4	14	8	7	6
Annual UVH incidence (‰)	0.28	0.38	0.35	0.44	0.39	0.24

Number of children with ¹univentricular heart and ²hypoplastic left heart syndrome born alive