

SUPPLEMENTAL MATERIAL

Table S1. CHD ICD-9 Codes and Severity Groupings.

Category	ICD-9-CM Code	Code Description
SEVERE	745.0	Common Truncus
	745.1	Transposition of the Great Arteries (TGA)
	745.10	Complete TGA (dextro-TGA)
	745.11	DORV, or incomplete TGA
	745.12	Corrected TGA (levo-TGA)
	745.19	Other TGA
	745.2	Tetralogy of Fallot
	745.3	Single Ventricle, or cor triloculare
	745.6	Endocardial Cushion Defect (AVSD)
	745.60	Endocardial Cushion Defect (AVSD) unspecified
	745.69	Endocardial Cushion Defect, Other
	746.01	Pulmonary valve atresia or absence
	746.1	Tricuspid atresia, stenosis or absence
	746.7	Hypoplastic left heart syndrome
	747.11	Interrupted aortic arch
	747.41	Total anomalous pulmonary venous return (TAPVR)
SHUNT	745.4	Ventricular septal defect
	745.5	Atrial septal defect (ASD) (secundum) or PFO
	745.61	ASD (primum)
	745.8	Other specified defect of septal closure
	745.9	Unspecified defect of septal closure
	747.0	PDA
	747.42	Partial anomalous venous return (PAPVR)
VALVE	746.0	Anomalies of pulmonary valve

	746.00	Pulmonary valve anomaly, unspecified
	746.02	Pulmonary valve stenosis
	746.09	Pulmonary valve anomaly, other
	746.2	Ebstein's Anomaly
	746.3	Aortic valve stenosis
	746.4	Aortic insufficiency or bicuspid/unicuspid aortic valve
	746.5	Mitral stenosis or mitral valve abnormalities
	746.6	Mitral insufficiency
	746.81	Subaortic stenosis
	746.83	Infundibular or subvalvar pulmonary stenosis
	747.10 or 747.1	Coarctation of aorta
	747.22	Atresia or stenosis of aorta
	747.3	Anomalies of Pulmonary artery
	747.31	Pulmonary artery atresia, coarctation, or hypoplasia
	747.39	Anomalies of Pulmonary artery, other
OTHER ONLY <i>(case only has one or more codes in this category)</i>	745.7	Cor biloculare
	746.8	Other Specified anomalies of heart
	746.82	Cor triatriatum
	746.84	Obstructive anomalies of heart
	746.85	Coronary artery anomaly
	746.87	Malposition of heart or apex
	746.89	Other specified anomaly of heart (various types)
	746.9	Unspecified defect of heart
	747.2	Other anomaly of the aorta
	747.20	Anomalies of aorta, unspecified
	747.21	Anomaly of aortic arch
	747.29	Other anomaly of aorta
	747.4	Anomalies of great veins

	747.40	Anomalies of great veins, unspecified
	747.49	Other anomalies of great veins
	747.9	Unspecified anomalies of circulatory system
	648.5X	Congenital Cardiovascular disorder complicating pregnancy, childbirth or puerperium
	V13.65	Personal history of corrected congenital malformations of the heart and circulatory system