



AHRQ Quality Indicators

Prevention Quality Indicators Technical Specifications Appendices

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Appendix A – Admission Codes for Transfers

SID ASOURCE Codes

- 2 - Another hospital
- 3 - Another facility, including long-term care

POINTOFORIGINUB04 Codes

- 4 - Transfer from a hospital
- 5 - Transfer from a Skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF)
- 6 - Transfer from another health care facility

If Admission Type is newborn (ATYPE=4), POINTOFORIGINUB04 codes are as follows:

- 5 - Born inside this hospital
- 6 - Born outside of this hospital

Appendix B – Cardiac Procedure Codes

ICD-9-CM Cardiac procedure codes^{1,2}:

0050	IMPL CRT PACEMAKER SYS	3573	ENDOCAR CUSHION REP NEC
0051	IMPL CRT DEFIBRILLAT	3581	TOT REPAIR TETRAL FALLOT
0052	IMP/REP LEAD LF VEN SYS	3582	TOTAL REPAIR OF TAPVC
0053	IMP/REP CRT PACEMKR GEN	3583	TOT REP TRUNCUS ARTERIOS
0054	IMP/REP CRT DEFIB GENAT	3584	TOT COR TRANSPOS GRT VES
0056	INS/REP SENS-CRD/VSL MTR	3591	INTERAT VEN RETRN TRANSP
0057	IMP/REP SUBCUE CARD DEV	3592	CONDUIT RT VENT-PUL ART
0066	PTCA	3593	CONDUIT LEFT VENTR-AORTA
1751	IMPLANT CCM,TOTAL SYSTEM	3594	CONDUIT ARTIUM-PULM ART
1752	IMPLANT CCM PULSE GENRTR	3595	HEART REPAIR REVISION
1755	TRANSLUM COR ATHERECTOMY	3596	PERC BALLOON VALVUPLASTY
3500	CLOSED VALVOTOMY NOS	3597	PERC MTRL VLV REPR W IMP
3501	CLOSED AORTIC VALVOTOMY	3598	OTHER HEART SEPTA OPS
3502	CLOSED MITRAL VALVOTOMY	3599	OTHER HEART VALVE OPS
3503	CLOSED PULMON VALVOTOMY	3601	<i>PTCA-1 VESSEL W/O AGENT</i>
3504	CLOSED TRICUSP VALVOTOMY	3602	<i>PTCA-1 VESSEL WITH AGNT</i>
3505	ENDOVAS REPL AORTC VALVE	3603	OPEN CORONRY ANGIOPLASTY
3506	TRNSAPCL REP AORTC VALVE	3604	INTRCORONRY THROMB INFUS
3507	ENDOVAS REPL PULM VALVE	3605	<i>PTCA-MULTIPLE VESSEL</i>
3508	TRNSAPCL REPL PULM VALVE	3606	INS NONDRUG ELUT COR ST
3509	ENDOVAS REPL UNS HRT VLV	3607	INS DRUG-ELUT CORONRY ST
3510	OPEN VALVULOPLASTY NOS	3609	REM OF COR ART OBSTR NEC
3511	OPN AORTIC VALVULOPLASTY	3610	AORTOCORONARY BYPASS NOS
3512	OPN MITRAL VALVULOPLASTY	3611	AORTOCOR BYPAS-1 COR ART
3513	OPN PULMON VALVULOPLASTY	3612	AORTOCOR BYPAS-2 COR ART
3514	OPN TRICUS VALVULOPLASTY	3613	AORTOCOR BYPAS-3 COR ART
3520	OPN/OTH REP HRT VLV NOS	3614	AORTCOR BYPAS-4+ COR ART
3521	OPN/OTH REP AORT VLV-TIS	3615	1 INT MAM-COR ART BYPASS
3522	OPN/OTH REP AORTIC VALVE	3616	2 INT MAM-COR ART BYPASS
3523	OPN/OTH REP MTRL VLV-TIS	3617	ABD-CORON ARTERY BYPASS
3524	OPN/OTH REP MITRAL VALVE	3619	HRT REVAS BYPS ANAS NEC
3525	OPN/OTH REP PULM VLV-TIS	362	ARTERIAL IMPLANT REVASC
3526	OPN/OTH REPL PUL VALVE	363	<i>OTH HEART REVASCULAR</i>
3527	OPN/OTH REP TCSPD VLV-TS	3631	OPEN CHEST TRANS REVASC
3528	OPN/OTH REPL TCSPD VALVE	3632	OTH TRANSMYO REVASCULAR
3531	PAPILLARY MUSCLE OPS	3633	ENDO TRANSMYO REVASCULAR
3532	CHORDAE TENDINEAE OPS	3634	PERC TRANSMYO REVASCULAR
3533	ANNULOPLASTY	3639	OTH HEART REVASULAR
3534	INFUNDIBULECTOMY	3691	CORON VESS ANEURYSM REP
3535	TRABECUL CARNEAE CORD OP	3699	HEART VESSEL OP NEC
3539	TISS ADJ TO VALV OPS NEC	3731	PERICARDIECTOMY
3541	ENLARGE EXISTING SEP DEF	3732	HEART ANEURYSM EXCISION
3542	CREATE SEPTAL DEFECT	3733	EXC/DEST HRT LESION OPEN
3550	PROSTH REP HRT SEPTA NOS	3734	EXC/DEST HRT LES OTHER
3551	PROS REP ATRIAL DEF-OPN	3735	PARTIAL VENTRICULECTOMY
3552	PROS REPAIR ATRIA DEF-CL	3736	EXC,DESTRCT,EXCLUS LAA
3553	PROS REP VENTRIC DEF-OPN	3737	EXC/DEST HRT LES, THRSPC
3554	PROS REP ENDOCAR CUSHION	3741	IMPL CARDIAC SUPPORT DEV
3555	PROS REP VENTRC DEF-CLOS	375	<i>HEART TRANSPLANTATION</i>
3560	GRFT REPAIR HRT SEPT NOS	3751	HEART TRANPLANTATION
3561	GRAFT REPAIR ATRIAL DEF	3752	IMP TOT INT BI HT RP SYS
3562	GRAFT REPAIR VENTRIC DEF	3753	REPL/REP THR UNT TOT HRT
3563	GRFT REP ENDOCAR CUSHION	3754	REPL/REP OTH TOT HRT SYS
3570	HEART SEPTA REPAIR NOS	3755	REM INT BIVENT HRT SYS
3571	ATRIA SEPTA DEF REP NEC	3760	IMP BIVN EXT HRT AST SYS
3572	VENTR SEPTA DEF REP NEC	3761	PULSATION BALLOON IMPLAN

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Appendix B – Cardiac Procedure Codes
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3762	INSRT NON-IMPL CIRC DEV	3780	INT OR REPL PERM PACEMKR
3763	REPAIR HEART ASSIST SYS	3781	INT INSERT 1-CHAM, NON
3764	REMOV EXT HRT ASSIST SYS	3782	INT INSERT 1-CHAM, RATE
3765	IMP VENT EXT HRT AST SYS	3783	INT INSERT DUAL-CHAM DEV
3766	IMPLANTABLE HRT ASSIST	3785	REPL PACEM W 1-CHAM, NON
3770	INT INSERT PACEMAK LEAD	3786	REPL PACEM 1-CHAM, RATE
3771	INT INSERT LEAD IN VENT	3787	REPL PACEM W DUAL-CHAM
3772	INT INSER LEAD ATRI-VENT	3789	REVISE OR REMOVE PACEMAK
3773	INT INSER LEAD IN ATRIUM	3794	IMPLT/REPL CARDDEFIB TOT
3774	INT OR REPL LEAD EPICAR	3795	IMPLT CARDIODEFIB LEADS
3775	REVISION OF LEAD	3796	IMPLT CARDIODEFIB GENRATR
3776	REPL TV ATRI-VENT LEAD	3797	REPL CARDIODEFIB LEADS
3777	REMOVAL OF LEAD W/O REPL	3798	REPL CARDIODEFIB GENRATR
3778	INSER TEAM PACEMAKER SYS	3826	INSRT PRSR SNSR W/O LEAD
3779	REV/RELOC CARD DEV POCKT		

¹ Italicized codes are not active in the current fiscal year.

² Bolded codes are new to the current fiscal year.

Appendix C – Immunocompromised State Diagnosis and Procedure Codes

ICD-9-CM Immunocompromised state diagnosis codes^{1,2}:

042	HUMAN IMMUNO VIRUS DIS	2884	HEMOPHAGOCYTIC SYNDROMES
1363	PNEUMOCYSTOSIS	28850	LEUKOCYTOPENIA NOS
1992	MALIG NEOPL-TRANSP ORGAN	28851	LYMPHOCYTOPENIA
23873	HI GRDE MYELOYDYS SYN LES	28859	DECREASED WBC COUNT NEC
23876	MYELOFI W MYELO METAPLAS	28953	NEUTROPENIC SPLENOMEGALY
23877	POST TP LYMPHPROLIF DIS	28983	MYELOFIBROSIS
23879	LYMPH/HEMATPOITC TIS NEC	40301	MAL HYP KID W CR KID V
260	KWASHIORKOR	40311	BEN HYP KID W CR KID V
261	NUTRITIONAL MARASMUS	40391	HYP KID NOS W CR KID V
262	OTH SEVERE MALNUTRITION	40402	MAL HY HT/KD ST V W/O HF
27900	HYPOGAMMAGLOBULINEM NOS	40403	MAL HYP HT/KD STG V W HF
27901	SELECTIVE IGA IMMUNODEF	40412	BEN HY HT/KD ST V W/O HF
27902	SELECTIVE IGM IMMUNODEF	40413	BEN HYP HT/KD STG V W HF
27903	SELECTIVE IG DEFIC NEC	40492	HY HT/KD NOS ST V W/O HF
27904	CONG HYPOGAMMAGLOBULINEM	40493	HYP HT/KD NOS ST V W HF
27905	IMMUNODEFIC W HYPER-IGM	5793	INTEST POSTOP NONABSORB
27906	COMMON VARIABL IMMUNODEF	585	<i>CHRONIC KIDNEY DISEASE</i>
27909	HUMORAL IMMUNITY DEF NEC	5855	CHRON KIDNEY DIS STAGE V
27910	IMMUNDEF T-CELL DEF NOS	5856	END STAGE RENAL DISEASE
27911	DIGEORGE'S SYNDROME	9968	<i>COMPLICATIONS OF TRANSPLANTED ORGAN</i>
27912	WISKOTT-ALDRICH SYNDROME		
27913	NEZELOF'S SYNDROME	99680	COMP ORGAN TRANSPLNT NOS
27919	DEFIC CELL IMMUNITY NOS	99681	COMPL KIDNEY TRANSPLANT
2792	COMBINED IMMUNITY DEFIC	99682	COMPL LIVER TRANSPLANT
2793	IMMUNITY DEFICIENCY NOS	99683	COMPL HEART TRANSPLANT
2794	<i>AUTOIMMUNE DISEASE, NOT ELSEWHERE CLASSIFIED</i>	99684	COMPL LUNG TRANSPLANT
		99685	COMPL MARROW TRANSPLANT
27941	AUTOIMMUN LYMPHPROF SYND	99686	COMPL PANCREAS TRANSPLNT
27949	AUTOIMMUNE DISEASE NEC	99687	COMP INTESTINE TRANSPLNT
27950	GRAFT-VERSUS-HOST NOS	99688	COMP TP ORGAN-STEM CELL
27951	AC GRAFT-VERSUS-HOST DIS	99689	COMP OTH ORGAN TRANSPLNT
27952	CHRONC GRAFT-VS-HOST DIS	V420	KIDNEY TRANSPLANT STATUS
27953	AC ON CHRN GRFT-VS-HOST	V421	HEART TRANSPLANT STATUS
2798	IMMUNE MECHANISM DIS NEC	V426	LUNG TRANSPLANT STATUS
2799	IMMUNE MECHANISM DIS NOS	V427	LIVER TRANSPLANT STATUS
28409	CONST APLASTC ANEMIA NEC	V428	<i>OTHER SPECIFIED ORGAN OR TISSUE</i>
2841	<i>PANCYTOPENIA</i>	V4281	TRNSPL STATUS-BNE MARROW
28411	ANTIN CHEMO INDCD PANCYT	V4282	TRNSPL STS-PERIP STM CELL
28412	OTH DRG INDCD PANCYTOPNA	V4283	TRNSPL STATUS-PANCREAS
28419	OTHER PANCYTOPENIA	V4284	TRNSPL STATUS-INTESTINES
2880	<i>AGRANULOCYTOSIS</i>	V4289	TRNSPL STATUS ORGAN NEC
28800	NEUTROPENIA NOS	V451	<i>RENAL DIALYSIS STATUS</i>
28801	CONGENITAL NEUTROPENIA	V4511	RENAL DIALYSIS STATUS
28802	CYCLIC NEUTROPENIA	V560	RENAL DIALYSIS ENCOUNTER
28803	DRUG INDUCED NEUTROPENIA	V561	FT/ADJ XTRCORP DIAL CATH
28809	NEUTROPENIA NEC	V562	FIT/ADJ PERIT DIAL CATH
2882	GENETIC ANOMALY LEUKOCYT		

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ICD-9-CM Immunocompromised state procedure codes¹:

0018	INFUS IMMUNOSUP ANTIBODY	4106	CORD BLD STEM CELL TRANS
335	<i>LUNG TRANSPLANTATION</i>	4107	AUTO HEM STEM CT W PURG
3350	LUNG TRANSPLANT NOS	4108	ALLO HEM STEM CT W PURG
3351	UNILAT LUNG TRANSPLANT	4109	AUTO BONE MT W PURGING
3352	BILAT LUNG TRANSPLANT	5051	AUXILIARY LIVER TRANSPL
336	COMB HEART/LUNG TRANSPLA	5059	LIVER TRANSPLANT NEC
375	<i>HEART TRANSPLANTATION</i>	5280	PANCREAT TRANSPLANT NOS
3751	HEART TRANSPLANTATION	5281	REIMPLANT PANCREATIC TIS
410	<i>OPERATIONS ON BONE MARROW AND SPLEEN</i>	5282	PANCREATIC HOMOTRANSPLAN
4100	BONE MARROW TRNSPLNT NOS	5283	PANCREATIC HETEROTRANSPL
4101	AUTO BONE MT W/O PURG	5285	ALLOTRNSPLNT ISLETS LANG
4102	ALO BONE MARROW TRNSPLNT	5286	TRNSPLNT ISLETS LANG NOS
4103	ALLOGRFT BONE MARROW NOS	5569	KIDNEY TRANSPLANT NEC
4104	AUTO HEM STEM CT W/O PUR		
4105	ALLO HEM STEM CT W/O PUR		

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