

**Agency for Healthcare Research and Quality
Pediatric Quality Indicators (PDI)**

ICD-9-CM and DRG Coding Updates to Version 4.2

September, 2010

The following changes were implemented in version 4.2 of the Pediatric Quality Indicator (PDI) software code (both SAS and Windows) and reflect changes to indicator definitions based on updates to ICD-9-CM and DRG codes for Fiscal Year 2010 (effective 10-1-2009). All changes noted below have been incorporated into the software syntax, software documentation and the *Pediatric Quality Indicators Technical Specifications*. With this software update, the PDI software definitions now incorporate ICD-9-CM codes valid from October 1, 1994 through September 30, 2010.

Indicator Name (#)	Component	Change
<u>PDI #11 – Post-operative Wound Dehiscence</u>	Add diagnosis codes to denominator exclusion for high risk group	279.41 Autoimmune lymphoproliferative syndrome ALPS 279.49 Autoimmune disease, not elsewhere classified
<u>PDI #09 – Post-operative Respiratory Failure</u>	Add diagnosis codes to denominator exclusion for neuromuscular disorders	359.71 Inclusion body myositis IBM 359.79 Other inflammatory and immune myopathies, NEC
<u>PDI #10 – Post-operative Sepsis</u>	Add diagnosis codes to denominator exclusion for infection	670.00 Major puerperal infection NOS-unsp 670.02 Major puerperal Infection NOS-del p/p 670.04 Major puerperal infection NOS-p/p 670.10 Puerperal endometritis-unsp 670.12 Puerperal endometritis del w p/p 670.14 Puerperal endometritis-postpart 670.20 Puerperal sepsis-unsp 670.22 Puerperal sepsis-del w p/p 670.24 Puerperal sepsis-postpart 670.30 Puerperal septic thrombophlebitis-unsp 670.32 Puerperal septic thrombophlebitis-del w p/p 670.34 Puerperal septic thrombophlebitis-postpart 670.80 Major puerperal infection NEC-suspec 670.82 Major puerperal infection NEC-dl w p/p 670.84 Major puerperal infection NEC-p/p
<u>PDI #02– Post-operative Sepsis</u>	Add diagnosis codes to stratifiers by hemiplegia, paraplegia, or quadriplegia	768.70 Hypoxic-ischemic encephalopathy, unspecified 768.72 Moderate hypoxic-ischemic encephalopathy 768.73 Severe hypoxic-ischemic encephalopathy

Indicator Name (#)	Component	Change
<u>Multiple PDI Indicators</u>	Add procedure codes	0049 Superstat O2 Therapy 0058 Ins Intra-ansm Pres Mntr 0059 Intravasc Msmnt Cor Art 0067 Intravas Msmnt Thorc Art 0068 Intravas MsMt Periph Art 0069 Intravs Msmt Ves NEC/NOS 1751 Implant CCM, total system 1752 Implant CCM pulse gentr 1761 LITT lesn brain, guidance 1762 LITT les hd/nck, guidance 1763 LITT lesn liver, guidance 1769 LITT lesn, guide oth/NOS 1770 Intravenous Infusion of Clofarabine 3373 Endo ins/re brnc val, mul 3824 Intravas img corves OCT 3825 Intravas img non-cor OCT 3975 Endo emb hd/nk, bare coil 3976 Endo em hed/nk, bioac coil 4686 Endo insrt colonic stent 4687 Insert colonic stent NEC 3850 ABDPERNEAL RES RECTM NOS 8570 TOTL RECONSTC Breast NOS
<u>Multiple PDI Indicators</u>	Change procedure codes	3760 Imp Bivn Ext Hrt Ast Sys 4840 Pull-thru Res Rectum NOS

Indicator Name (#)	Component	Change
<u>Multiple PDI Indicators</u>	Change procedure codes category assignments	0044 PROC-VESSEL BIFURCATION 0074 HIP REPL SURFMETAL/POLY 0075 HIP REP SURFMETAL/METAL 0076 HIP REP SURFCERMC/CERMC 0077 HIP REPL SURF- CERMC/POLY 0094 HITRA-OP NEUROPHYS MONTR 0110 INTRACRAN PRESSURE MONTR 0116 INTRACRANIAL 02 MONITOR 0117 BRAIN TEMP MONITORING 0126 INS CATHCRANIAL CAVITY 0127 REM CATHCRANIAL CAVITY 1741 OPEN ROBOTIC ASSIST PROC 1742 LAP ROBOTIC ASSIST PROC 1743 PERC ROBOTIC ASSIST PROC 1744 ENDO ROBOTIC ASSIST PROC 1745 THORACO ROBOTIC AST PROC 1749 ROBOTIC AST PROC NEC/NOS 3372 ENDO PULM ARWY FLOW MSMT 3736 EXC LEFT A TRAIL APPENDAG 3768 PERCUTAN HRT ASSIST SYST 3790 INS LEFT ATR APPEND DEV 3823 INTRAVASCLR SPECTROSCOPY 5013 TRANSJUGULAR LIVER BX 7094 INSERT BIOLOGICAL GRAFT 7095 INSERT SYNTH GRAFT/PROST 8472 APP EXT FIX DEVRING SYS 8473 APP HYBRID EXT FIX DEV 9227 RADIOACTIVE ELEM IMPLANT
<u>Multiple PDI Indicators</u>	Add new operating procedure codes	1751 Implant CCM, total system 1752 Implant CCM pulse gentr 1761 LITT lesn brain, guidance 1762 LITT les hd/nck, guidance 1763 LITT lesn liver, guidance 1769 LITT lesn, guide oth/NOS 3975 Endo emb hd/nk, bare coil 3976 Endo em hed/nk, bioac coil 4850 ABDPERNEAL RES RECTM NOS 8570 TOTL RECONSTC BREAST NOS Modify: 9227 RADIOACTIVE ELEM IMPLANT 3760 IMP BIVN EXT HRT AST SYS 4840 PULL-THRU RES RECTUM NOS 3768 PERCUTAN HRT ASSIST SYST

Indicator Name (#)	Component	Change
<u>Multiple PDI Indicators</u>	Remove operating procedure codes	0044 PROC-VESSEL BIFURCATION 0074 HIP REPL SURFMETAL/POLY 0075 HIP REP SURFMETAL/METAL 0076 HIP REP SURFCERM/CERM 0077 HIP REPL SURF- CERM/POLY 0126 INS CATHCRANIAL CAVITY 0127 REM CATHCRANIAL CAVITY 1741 OPEN ROBOTIC ASSIST PROC 1742 LAP ROBOTIC ASSIST PROC 1743 PERC ROBOTIC ASSIST PROC 1744 ENDO ROBOTIC ASSIST PROC 1745 THORACO ROBOTIC AST PROC 1749 ROBOTIC AST PROC NEC/NOS 3372 ENDO PULM ARWY FLOW MSMT 3736 EXC LEFT A TRAIL APPENDAG 3790 INS LEFT ATR APPEND DEV 3823 INTRAVASCLR SPECTROSCOPY 7094 INSERT BIOLOGICAL GRAFT 7095 INSERT SYNTH GRAFT/PROST 8472 APP EXT FIX DEVRING SYS 8473 APP HYBRID EXT FIX DEV

Indicator Name (#)	Component	Change
<p style="text-align: center;"><u>Multiple PDI Indicators</u></p>	<p style="text-align: center;">Add the following (203) ICD-9-CM codes to the corresponding CCS categories</p>	700 HEPATITIS A WITH COMA
		701 HEPATITIS A W/O COMA
		702 HEPATITIS B WITH COMA
		7020 VRL HEPAT B CM W/O DELTA
		7021 VRL HEPAT B CM W DELTA
		7022 CHR HEPAT COMA W/O DELTA
		7023 CHR HEPAT COMA W/ DELTA
		703 HEPATITIS B W/O COMA
		7030 VRL HPT B W/O CM W/O DLT
		7031 VRL HPT B W/O CM W DELTA
		7032 CHR HEPAT W/O COMA W/O DELTA
		7033 CHR HEPAT W/O COMA W/ DELTA
		704 VIRAL HEPAT NEC W COMA
		7041 SPF VRL HPT CM HPT C
		7042 SPF VRL HPT CM DLT W/O B
		7043 SPF VRL HPT CM HPT E
		7044 CHR HEPAT C W/ COMA
		7049 SPF VRL HPT CM
		705 VIRAL HEPAT NEC W/O COMA
		7051 VRL HPT W/O CM HEPAT C
		7052 VRL HPT W/O CM DLT W/O B
		7053 VRL HPT W/O CM HEPAT E
		7054 CHR HEPAT C W/O COMA
		7059 VRL HPT W/O CM
		706 VIRAL HEPAT NOS W COMA
		7070 HPT C W/O HEPAT COMA NOS
		7071 HPT C W HEPATIC COMA NOS
		709 VIRAL HEPAT NOS W/O COMA
		57142 AUTOIMMUNE HEPATITIS
		20924 MALIG CARCINOID KIDNEY
		V1053 HX MALIGNANT NEOPLASM- RENAL PELVIS
		20030 MARGNL ZONE LYM XTRNDL
		20031 MARGIN ZONE LYM HEAD
		20032 MARGIN ZONE LYM THORAX
		20033 MARGIN ZONE LYM ABDOM
20034 MARGIN ZONE LYM AXILLA		
20035 MARGIN ZONE LYM INGUIN		

Indicator Name (#)	Component	Change
<u>Multiple PDI Indicators</u>	Add the following (203) ICD-9-CM codes to the corresponding CCS categories	20036 MARGIN ZONE LYM PELVIC
		20037 MARGIN ZONE LYMPH SPLEEN
		20038 MARGIN ZONE LYMPH MULTIP
		20040 MANTLE CELL LYM XTRRNDL
		20041 MANTLE CELL LYMPH HEAD
		20042 MANTLE CELL LYMPH THORAX
		20043 MANTLE CELL LYMPH ABDOM
		20044 MANTLE CELL LYMPH AXILLA
		20045 MANTLE CELL LYMPH INGUIN
		20046 MANTLE CELL LYMPH PELVIC
		20047 MANTLE CELL LYMPH SPLEEN
		20048 MANTLE CELL LYMPH MULTIP
		20050 PRIMARY CNS LYMPH XTRNDL
		20051 PRIMARY CNS LYMPH HEAD
		20052 PRIMARY CNS LYMPH THORAX
		20053 PRIMARY CNS LYMPH ABDOM
		20054 PRIMARY CNS LYMPH AXILLA
		20055 PRIMARY CNS LYM INGUIN
		20056 PRIMARY CNS LYMPH PELVIC
		20057 PRIMARY CNS LYMPH SPLEEN
		20058 PRIMARY CNS LYMPH MULTIP
		20060 ANAPLASTIC LYMPH XTRNDL
		20061 ANAPLASTIC LYMPH HEAD
		20062 ANAPLASTIC LYMPH THORAX
		20063 ANAPLASTIC LYMPH ABDOM
		20064 ANAPLASTIC LYMPH AXILLA
		20065 ANAPLASTIC LYMPH INGUIN
		20066 ANAPLASTIC LYMPH PELVIC
		20067 ANAPLASTIC LYMPH SPLEEN
		20068 ANAPLASTIC LYMPH MULTIP
20070 LARGE CELL LYMPH XTRNDL		
20071 LARGE CELL LYMPHOMA HEAD		
20072 LARGE CELL LYMPH THORAX		
20073 LARGE CELL LYMPH ABDOM		
20074 LARGE CELL LYMPH AXILLA		
20075 LARGE CELL LYMPH INGUIN		

Indicator Name (#)	Component	Change
<u>Multiple PDI Indicators</u>	Add the following (203) ICD-9-CM codes to the corresponding CCS categories	20076 LARGE CELL LYMPH PELVIC
		20077 LARGE CELL LYMPH SPLEEN
		20078 LARGE CELL LYMPH MULTIP
		20270 PERIPH T CELL LYM XTRNDL
		20271 PERIPH T CELL LYMPH HEAD
		20272 PERIPH T CELL LYM THORAX
		20273 PERIPH T CELL LYM ABDOM
		20274 PERIPH T CELL LYM AXILLA
		20275 PERIPH T CELL LYM INGUIN
		20276 PERIPH T CELL LYM PELVIC
		20277 PERIPH T CELL LYM SPLEEN
		20278 PERIPH T CELL LYM MULTIP
		20312 PLSM CEL LEUK IN RELAPSE
		20402 ACT LYMP LEUK IN RELAPSE
		20412 CHR LYMP LEUK IN RELAPSE
		20422 SBAC LYM LEUK IN RELAPSE
		20482 OTH LYM LEUK IN RELAPSE
		20492 LYMP LEUK NOS RELAPSE
		20502 ACT MYEL LEUK IN RELAPSE
		20512 CHR MYEL LEUK IN RELAPSE
		20522 SBAC MYL LEUK IN RELAPSE
		20532 MYEL SARCOMA IN RELAPSE
		20582 OTH MYEL LEUK IN RELAPSE
		20592 MYEL LEUK NOS IN RELAPSE
		20602 ACT MONO LEUK IN RELAPSE
		20612 CHR MONO LEUK IN RELAPSE
		20622 SBAC MONO LEU IN RELAPSE
		20682 OTH MONO LEUK IN RELAPSE
		20692 MONO LEUK NOS RELAPSE
		20702 AC ERTH/ERYLK IN RELAPSE
		20712 CHR ERYTHRMIA IN RELAPSE
		20722 MGKRYCYT LEUK IN RELAPSE
		20782 OTH SPF LEUK IN RELAPSE
20802 AC LEUK UNS CL RELAPSE		
20812 CH LEU UNS CL IN RELAPSE		
20822 SBAC LEU UNS CL-RELAPSE		
20882 OTH LEUK UNS CL-RELAPSE		

Indicator Name (#)	Component	Change
<u>Multiple PDI Indicators</u>	Add the following (203) ICD-9-CM codes to the corresponding CCS categories	20892 LEUKEMIA NOS IN RELAPSE
		20922 MALIG CARCINOID THYMUS
		20925 MAL CARCINOID FOREGUT NOS
		20926 MAL CARCINOID MIDGUT NOS
		20927 MAL CARCINOID HINDGUT NOS
		79510 ABN GLAND PAP SMR VAGINA
		79511 PAP SMEAR VAG W ASC-US
		79512 PAP SMEAR VAGINA W ASC-H
		79513 PAP SMEAR VAGINA W LGSIL
		79514 PAP SMEAR VAGINA W HGSIL
		V1090 Hx malig neoplasm NOS
		V1091 Hx malig neuroendo tumor
		20971 Sec neuroend tu dist lym
		20972 Sec neuroend tumor-liver
		20973 Sec neuroendo tumor-bone
		20974 Sec neuroendo tu-periton
		51181 MALIGNANT PLEURAL EFFUSN
		78951 MALIGNANT ASCITES
		25541 GLUCOCORTICOID DEFICIENT
		25542 MINERALCORTICOID DEFCNT
		25801 MULT ENDO NEOPLAS TYPE I
		25950 ANDROGEN INSENSITVTY NOS
		25951 ANDROGEN INSENSITVTY SYN
		25952 PART ANDROGEN INSNSITVTY
		27941 Autoimmun lymphprof synd
		27949 Autoimmune disease NEC
		2755 HUNGRY BONE SYNDROME
		2865 CIRCULATING ANTICOAG DIS
		2866 DEFIBRINATION SYNDROME
		2867 ACQ COAGUL FACTOR DEFIC
		2874 SECOND THROMBOCYTOPENIA
		28982 SECONDARY HYPERCOAGULABLE STATE
		28984 HEPARIN-INDU THROMBOCYTO
		7827 SPONTANEOUS ECCHYMOSES
		28866 BANDEMIA
		3315 NORML PRESSURE HYDROCEPH
		33700 IDIO PERPH AUTO NEUR NOS

Indicator Name (#)	Component	Change
<p><u>Multiple PDI Indicators</u></p>	<p>Add the following (203) ICD-9-CM codes to the corresponding CCS categories</p>	33701 CAROTID SINUS SYNDROME
		33709 IDIO PERPH AUTO NEUR NEC
		78072 FUNCTIONAL QUADRIPLEGIA
		32702 INSOMNIA DT MENTAL DISOR
		32715 HYPERSOM DT MENTAL DISOR
		32730 CIRCADIAN RHYM SLEEP NOS
		32731 CIRCADIAN RHY-DELAY SLP
		32732 CIRCADIAN RHY-ADVC SLEEP
		32733 CIRCADIAN RHYM-IRREG SLP
		32734 CIRCADIAN RHYM-FREE RUN
		32735 CIRCADIAN RHYTHM-JETLAG
		32736 CIRCADIAN RHY-SHIFT WORK
		32737 CIRCADIAN RHYM OTH DIS
		32739 CIRCADIAN RHYM SLEEP NEC
		32753 SLEEP RELATED BRUXISM
		33183 MILD COGNITIVE IMPAIREMT
		34881 Temporal sclerosis
		34889 Brain conditions NEC
		35921 MYOTONIC MUSCLR DYSTRPHY
		35922 MYOTONIA CONGENITA
		35923 MYOTONIC CHONDRODYSTRPHY
		35924 DRUG INDUCED MYOTONIA
		35929 MYOTONIC DISORDER NEC
		35971 Inclusion body myositis
		35979 Inflm/immune myopath NEC
		78451 Dysarthria
		78459 Speech disturbance NEC
		41512 SEPTIC PULMONARY EMBOLSM
		4162 Chr pulmonary embolism
		42682 LONG QT SYNDROME
53013 EOSINOPHILIC ESOPHAGITIS		
78959 ASCITES NEC		
V4511 RENAL DIALYSIS STATUS		
V4512 NONCMPLNT W RENAL DIALYS		
72990 SOFT TISSUE DISORD NOS		
72991 POST-TRAUMATIC SEROMA		

Indicator Name (#)	Component	Change
<p style="text-align: center;"><u>Multiple PDI Indicators</u></p>	<p style="text-align: center;">Add the following (203) ICD-9-CM codes to the corresponding CCS categories</p>	72992 NONTRAUMA HEMA SOFT TISS
		72999 SOFT TISSUE DISORDER NEC
		V1359 HX MUSCULOSKLETL DIS NEC
		75672 Omphalocele
		75673 Gastroschisis
		4041 INFANT BOTULISM
		76061 AMNIOCENTESIS AFFECT NB
		76062 IN UTERO PROC NEC AFF NB
		76063 MAT SURG DUR PREG AFF NB
		76064 PREV MATERN SURG AFF NB
		77750 NEC ENTEROCOLTIS NB NOS
		77751 STG I NEC ENTEROCOL NB
		77752 STG II NEC ENTEROCOL NB
		77753 STG III NEC ENTEROCOL NB
		77931 NB feeding problems
		77932 NB bilious vomiting
		77933 NB other vomiting
		77934 NB failure to thrive
		7897 Colic
		34939 DURAL TEAR NEC