



# **DRG Desk Reference**

*The ultimate resource for improving the new  
MS-DRG assignment practices*

**2016**

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# Optimizing Tips

## Introduction

This section lists each DRG and indicates whether it has potential to be reassigned to a DRG with a higher relative weight. Once a DRG has been assigned, turn to that DRG in this section and carefully review the DRGs listed under “Potential DRGs” being cautious to always read the DRG description carefully. Next, look at the listings in the table below the potential DRG descriptions for key elements you will want to identify in the medical record documentation before reassigning the DRG. No attempt has been made to compile a complete or even representative listing of all potential diagnoses/procedure. Do not assume that a DRG listed as nonoptimized can never be optimized. It is entirely possible that a very unusual combination of diagnoses or procedures could legitimately offer optimization potential. An asterisk (\*) indicates a code range is represented.

## Pre MDC

**DRG 001 Heart Transplant or Implant of Heart Assist System with MCC** RW 25.3920

No Potential DRGs

**DRG 002 Heart Transplant or Implant of Heart Assist System without MCC** RW 15.6820

Potential DRGs

001 Heart Transplant or Implant of Heart Assist System with MCC 25.3920

DRG	PDx/SDx/Procedure	Codes	Tips
001	MCC Condition	See MCC section	

**DRG 003 ECMO or Tracheostomy with Mechanical Ventilation 96+ Hours or Principal Diagnosis Except Face, Mouth and Neck with Major O.R.** RW 17.6399

No Potential DRGs

**DRG 004 Tracheostomy with Mechanical Ventilation 96+ Hours or Principal Diagnosis Except Face, Mouth and Neck without Major O.R.** RW 10.8533

Potential DRGs

003 ECMO or Tracheostomy with Mechanical Ventilation 96+ Hours or Principal Diagnosis Except Face, Mouth and Neck with Major O.R. 17.6399

DRG	PDx/SDx/Procedure	Codes	Tips
003	Extracorporeal membrane oxygenation (ECMO) <i>OR</i> Operating room procedure	39.65  Any O.R. procedure not listed under DRGs 984-989 (Nonextensive O.R. procedures)	

**DRG 005 Liver Transplant with MCC or Intestinal Transplant** RW 10.4973

No Potential DRGs

**DRG 006 Liver Transplant without MCC** RW 4.7461

Potential DRGs

005 Liver Transplant with MCC or Intestinal Transplant 10.4973

DRG	PDx/SDx/Procedure	Codes	Tips
005	Intestinal transplant <i>OR</i> MCC Condition	46.97 See MCC section	

**Pre MDC****DRG 007 Lung Transplant**

RW 9.2986

**Potential DRGs**

001	Heart Transplant or Implant of Heart Assist System with MCC	25.3920
002	Heart Transplant or Implant of Heart Assist System without MCC	15.6820

DRG	PDx/SDx/Procedure	Codes	Tips
001	Heart-lung transplant <b>AND</b> MCC Condition	33.6  See MCC section	
002	Heart-lung transplant	33.6	

**DRG 008 Simultaneous Pancreas/Kidney Transplant**

RW 5.3302

**No Potential DRGs****DRG 010 Pancreas Transplant**

RW 4.0849

**Potential DRGs**

008	Simultaneous Pancreas/Kidney Transplant	5.3302
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DRG	PDx/SDx/Procedure	Codes	Tips
008	Pancreas and kidney transplant <b>AND</b> PDx or SDx of chronic kidney disease (CKD)	52.80 & 55.69 or 52.82 & 55.69  403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93, 585*, V42.0, V43.89	

**DRG 011 Tracheostomy for Face, Mouth, and Neck Diagnoses with MCC**

RW 4.7380

**Potential DRGs**

003	ECMO or Tracheostomy with Mechanical Ventilation 96+ Hours or Principal Diagnosis Except Face, Mouth and Neck with Major O.R.	17.6399
004	Tracheostomy with Mechanical Ventilation 96+ Hours or Principal Diagnosis Except Face, Mouth and Neck without Major O.R.	10.8533

DRG	PDx/SDx/Procedure	Codes	Tips
003	Extracorporeal membrane oxygenation (ECMO) <b>OR</b> Tracheostomy  WITH Mechanical ventilation 96+ hours  <b>AND</b> Principal diagnosis not including those related to face, mouth or neck  WITH Operating room procedure	39.65  31.1, 31.21, 31.29  96.72  Any diagnosis not listed under DRG 011  Any O.R. procedure not listed under DRGs 984-989 (Nonextensive O.R. procedures)	A mini tracheostomy is coded as a temporary tracheostomy.  Tracheostomy carried out elsewhere prior to admission or in an ambulance prior to arrival should not be reported as a current procedure.  A tracheostomy procedure may be performed at the bedside and documented in the progress notes or in the operating room and documented in an operative note.
004	Tracheostomy WITH Mechanical ventilation 96+ hours <b>AND</b> Principal diagnosis not including those related to face, mouth or neck	31.1, 31.21, 31.29  96.72  Any diagnosis not listed under DRG 011	

## Diseases And Disorders Of The Circulatory System

### DRG 215 Other Heart Assist System Implant

RW 15.4348

#### Potential DRGs

001	Heart Transplant or Implant of Heart Assist System with MCC	25.3920
002	Heart Transplant or Implant of Heart Assist System without MCC	15.6820

DRG	PDX/SDx/Procedure	Codes	Tips
001	Insertion of implantable heart assist system	37.66	
	<b>OR</b> Implantation of total internal biventricular heart replacement system	37.52	
	<b>OR</b> Implantation or insertion of biventricular external heart assist system	37.60, 37.64	Both codes must be assigned.
	<b>OR</b> Removal and repair of heart assist system	37.63, 37.64	Both codes must be assigned.
	<b>OR</b> Removal and implant of external heart assist system	37.65, 37.64	Both codes must be assigned.
	<b>AND</b> MCC Condition	See MCC section	
002	Insertion of implantable heart assist system	37.66	
	<b>OR</b> Implantation of total internal biventricular heart replacement system	37.52	
	<b>OR</b> Implantation or insertion of biventricular external heart assist system	37.60, 37.64	Both codes must be assigned.
	<b>OR</b> Removal and repair of heart assist system	37.63, 37.64	Both codes must be assigned.
	<b>OR</b> Removal and repair of external heart assist system	37.65, 37.64	Both codes must be assigned.

### DRG 216 Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with MCC

RW 9.5238

#### No Potential DRGs

### DRG 217 Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with CC

RW 6.3291

#### Potential DRGs

216	Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with MCC	9.5238
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DRG	PDX/SDx/Procedure	Codes	Tips
216	MCC Condition	See MCC section	

### DRG 218 Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization without CC/MCC

RW 5.5693

#### Potential DRGs

216	Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with MCC	9.5238
217	Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with CC	6.3291

DRG	PDX/SDx/Procedure	Codes	Tips
216	MCC Condition	See MCC section	
217	CC Condition	See CC section	

**DRG 219 Cardiac Valve and Other Major Cardiothoracic Procedures without Cardiac Catheterization with MCC**

RW 7.7067

**Potential DRGs**

216 Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with MCC 9.5238

DRG	PDx/SDx/Procedure	Codes	Tips
216	Cardiac catheterization	37.21, 37.22, 37.23	The passage of catheter in heart chambers does not constitute a diagnostic cardiac catheterization Procedure includes invasive recording of intracardiac and intravascular pressures, tracing, blood sampling, and cardiac output.
	<b>OR</b> Cardiac electrophysiology study	37.26	EPS, programmed electrical stimulation, ICD, implantable stimulation, and pacing/recording studies excluding bundle of HIS recording (37.29).
	<b>OR</b> Angiocardiology	88.52–88.58	Arteriography by Sones, Judkins, or Ricketts & Abrams techniques, direct selective arteriography.
	<b>AND</b> MCC Condition	See MCC section	

**DRG 220 Cardiac Valve and Other Major Cardiothoracic Procedures without Cardiac Catheterization with CC**

RW 5.2056

**Potential DRGs**

216 Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with MCC 9.5238

217 Cardiac Valve and Other Major Cardiothoracic Procedures with Cardiac Catheterization with CC 6.3291

219 Cardiac Valve and Other Major Cardiothoracic Procedures without Cardiac Catheterization with MCC 7.7067

DRG	PDx/SDx/Procedure	Codes	Tips
216	Cardiac catheterization	37.21, 37.22, 37.23	The passage of catheter in heart chambers does not constitute a diagnostic cardiac catheterization Procedure includes invasive recording of intracardiac and intravascular pressures, tracing, blood sampling, and cardiac output.
	<b>OR</b> Cardiac electrophysiology study	37.26	EPS, programmed electrical stimulation, ICD, implantable stimulation, and pacing/recording studies excluding bundle of HIS recording (37.29).
	<b>OR</b> Angiocardiology	88.52–88.58	Arteriography by Sones, Judkins, or Ricketts & Abrams techniques, direct selective arteriography.
	<b>AND</b> MCC Condition	See MCC section	
217	Cardiac catheterization	37.21, 37.22, 37.23	The passage of catheter in heart chambers does not constitute a diagnostic cardiac catheterization Procedure includes invasive recording of intracardiac and intravascular pressures, tracing, blood sampling, and cardiac output.
	<b>OR</b> Cardiac electrophysiology study	37.26	EPS, programmed electrical stimulation, ICD, implantable stimulation, and pacing/recording studies excluding bundle of HIS recording (37.29).
	<b>OR</b> Angiocardiology	88.52–88.58	Arteriography by Sones, Judkins, or Ricketts & Abrams techniques, direct selective arteriography.
	<b>AND</b> CC Condition	See CC section	
219	MCC Condition	See MCC section	