APPENDIX E: Surgical Discharge MS-DRGs

Surgical discharge MS-DRGs: (SURGI2R)

01	Heart transplant or implant of heart assist system with MCC	478	Biopsies of musculoskeletal system and connective tissue with CC
02	Heart transplant or implant of heart assist system without MCC	479	Biopsies of musculoskeletal system and connective tissue without CC/MCC
03	ECMO or tracheostomy with MV >96 hours or PDX except face, mouth and neck with major O.R. procedure	480	Hip and femur procedures except major joint with MCC
04	Tracheostomy with MV >96 hours or PDX except face, mouth and neck without major O.R. procedure	481	Hip and femur procedures except major joint with CC
05	Liver transplant with MCC or intestinal transplant	482	Hip and femur procedures except major joint without CC/MCC
06	Liver transplant without MCC	483	Major joint/limb reattachment procedure of upper extremities
07	Lung transplant	485	Knee procedures with PDX of infection with MCC
08	Simultaneous pancreas and kidney transplant	486	Knee procedures with PDX of infection with CC
010	Pancreas transplant	487	Knee procedures with PDX of infection without CC/MCC
011	Tracheostomy for face, mouth & neck diagnoses or laryngectomy with MCC	488	Knee procedures without PDX of infection with CC/MCC
012	Tracheostomy for face, mouth & neck diagnoses or laryngectomy with CC	489	Knee procedures without PDX of infection without CC/MCC
013	Tracheostomy for face, mouth & neck diagnoses or laryngectomy without CC/MCC	492	Lower extremity and humerus procedures except hip, foot and femur with MCC
014	Allogeneic bone marrow transplant	493	Lower extremity and humerus procedures except hip, foot and femur with CC
016	Autologous bone marrow transplant with CC/MCC or T-cell immunotherapy	494	Lower extremity and humerus procedures except hip, foot and femur without CC/MCC
017	Autologous bone marrow transplant without CC/MCC	495	Local excision and removal of internal fixation devices except hip and femur with MCC
020	Intracranial vascular procedures with PDX hemorrhage with MCC	496	Local excision and removal of internal fixation devices except hip and femur with CC

021	Intracranial vascular procedures with PDX hemorrhage with CC	497	Local excision and removal internal fixation devices except hip and femur without CC/MCC
022	Intracranial vascular procedures with PDX hemorrhage without CC/MCC	498	Local excision and removal internal fixation devices of hip and femur with CC/MCC
023	Craniotomy with major device implant or acute complex CNS PDX with MCC or chemotherapy implant or epilepsy with neurostimulator	499	Local excision and removal internal fixation devices of hip and femur without CC/MCC
024	Craniotomy with major device implant or acute complex CNS PDX without MCC	500	Soft tissue procedures with MCC
025	Craniotomy and endovascular intracranial procedures with MCC	501	Soft tissue procedures with CC
026	Craniotomy and endovascular intracranial procedures with CC	502	Soft tissue procedures without CC/MCC
027	Craniotomy and endovascular intracranial procedures without CC/MCC	503	Foot procedures with MCC
028	Spinal procedures with MCC	504	Foot procedures with CC
029	Spinal procedures with CC or spinal neurostimulators	505	Foot procedures without CC/MCC
030	Spinal procedures without CC/MCC	506	Major thumb or joint procedures
031	Ventricular shunt procedures with MCC	507	Major shoulder or elbow joint procedures with CC/MCC
032	Ventricular shunt procedures with CC	508	Major shoulder or elbow joint procedures without CC/MCC
033	Ventricular shunt procedures without CC/MCC	509	Arthroscopy
034	Carotid artery stent procedure with MCC	510	Shoulder, elbow or forearm procedures, except major joint procedures with MCC
035	Carotid artery stent procedure with CC	511	Shoulder, elbow or forearm procedures, except major joint procedures with CC
036	Carotid artery stent procedure without CC/MCC	512	Shoulder, elbow or forearm procedures, except major joint procedures without CC/MCC
037	Extracranial procedures with MCC	513	Hand or wrist procedures, except major thumb or joint procedures with CC/MCC

038	Extracranial procedures with CC	514	Hand or wrist procedures, except major thumb or joint procedures without CC/MCC
039	Extracranial procedures without CC/MCC	515	Other musculoskeletal system and connective tissue O.R. procedures with MCC
040	Peripheral, cranial nerve and other nervous system procedures with MCC	516	Other musculoskeletal system and connective tissue O.R. procedures with CC
041	Peripheral, cranial nerve and other nervous system procedures with CC or peripheral neurostimulator	517	Other musculoskeletal system and connective tissue O.R. procedures without CC/MCC
042	Peripheral, cranial nerve and other nervous system procedures without CC/MCC	518	Back and neck procedures except spinal fusion with MCC or disc device or neurostimulator
113	Orbital procedures with CC/MCC	519	Back and neck procedures except spinal fusion with CC
114	Orbital procedures without CC/MCC	520	Back and neck procedures except spinal fusion without CC/MCC
115	Extraocular procedures except orbit	570	Skin debridement with MCC
116	Intraocular procedures with CC/MCC	571	Skin debridement with CC
117	Intraocular procedures without CC/MCC	572	Skin debridement without CC/MCC
129	Major head and neck procedures with CC/MCC or major device	573	Skin graft for skin ulcer or cellulitis with MCC
130	Major head and neck procedures without CC/MCC	574	Skin graft for skin ulcer or cellulitis with CC
131	Cranial and facial procedures with CC/MCC	575	Skin graft for skin ulcer or cellulitis without CC/MCC
132	Cranial and facial procedures without CC/MCC	576	Skin graft except for skin ulcer or cellulitis with MCC
133	Other ear, nose, mouth and throat O.R. procedures with CC/MCC	577	Skin graft except for skin ulcer or cellulitis with CC
134	Other ear, nose, mouth and throat O.R. procedures without CC/MCC	578	Skin graft except for skin ulcer or cellulitis without CC/MCC
135	Sinus and mastoid procedures with CC/MCC	579	Other skin, subcutaneous tissue and breast procedures with MCC
136	Sinus and mastoid procedures without CC/MCC	580	Other skin, subcutaneous tissue and breast procedures with CC
137	Mouth procedures with CC/MCC	581	Other skin, subcutaneous tissue and breast procedures without CC/MCC
138	Mouth procedures without CC/MCC	582	Mastectomy for malignancy with CC/MCC

139	Salivary gland procedures	583	Mastectomy for malignancy without CC/MCC
163	Major chest procedures with MCC	584	Breast biopsy, local excision and other breast procedures with CC/MCC
164	Major chest procedures with CC	585	Breast biopsy, local excision and other breast procedures without CC/MCC
165	Major chest procedures without CC/MCC	614	Adrenal and pituitary procedures with CC/MCC
166	Other respiratory system O.R. procedures with MCC	615	Adrenal and pituitary procedures without CC/MCC
167	Other respiratory system O.R. procedures with CC	616	Amputation of lower limb for endocrine, nutritional and metabolic disorders with MCC
168	Other respiratory system O.R. procedures without CC/MCC	617	Amputation of lower limb for endocrine, nutritional and metabolic disorders with CC
215	Other heart assist system implant	618	Amputation of lower limb for endocrine, nutritional and metabolic disorders without CC/MCC
216	Cardiac valve and other major cardiothoracic procedures with cardiac catheterization with MCC	619	O.R. procedures for obesity with MCC
217	Cardiac valve and other major cardiothoracic procedures with cardiac catheterization with CC	620	O.R. procedures for obesity with CC
218	Cardiac valve and other major cardiothoracic procedures with cardiac catheterization without CC/MCC	621	O.R. procedures for obesity without CC/MCC
219	Cardiac valve and other major cardiothoracic procedures without cardiac catheterization with MCC	622	Skin grafts and wound debridement for endocrine, nutritional and metabolic disorders with MCC
220	Cardiac valve and other major cardiothoracic procedures without cardiac catheterization with CC	623	Skin grafts and wound debridement for endocrine, nutritional and metabolic disorders with CC
221	Cardiac valve and other major cardiothoracic procedures without cardiac catheterization without CC/MCC	624	Skin grafts and wound debridement for endocrine, nutritional and metabolic disorders without CC/MCC
222	Cardiac defibrillator implant with cardiac catheterization with AMI/HF/shock with MCC	625	Thyroid, parathyroid and thyroglossal procedures with MCC
223	Cardiac defibrillator implant with cardiac catheterization with AMI/HF/shock without MCC	626	Thyroid, parathyroid and thyroglossal procedures with CC

224	Cardiac defibrillator implant with cardiac catheterization without AMI/HF/shock with MCC	627	Thyroid, parathyroid and thyroglossal procedures without CC/MCC
225	Cardiac defibrillator implant with cardiac catheterization without AMI/HF/shock without MCC	628	Other endocrine, nutritional and metabolic O.R. procedures with MCC
226	Cardiac defibrillator implant without cardiac catheterization with MCC	629	Other endocrine, nutritional and metabolic O.R. procedures with CC
227	Cardiac defibrillator implant without cardiac catheterization without MCC	630	Other endocrine, nutritional and metabolic O.R. procedures without CC/MCC
228	Other cardiothoracic procedures with MCC	652	Kidney transplant
229	Other cardiothoracic procedures without MCC	653	Major bladder procedures with MCC
230	Other cardiothoracic procedures without CC/MCC	654	Major bladder procedures with CC
231	Coronary bypass with PTCA with MCC	655	Major bladder procedures without CC/MCC
232	Coronary bypass with PTCA without MCC	656	Kidney and ureter procedures for neoplasm with MCC
233	Coronary bypass with cardiac catheterization with MCC	657	Kidney and ureter procedures for neoplasm with CC
234	Coronary bypass with cardiac catheterization without MCC	658	Kidney and ureter procedures for neoplasm without CC/MCC
235	Coronary bypass without cardiac catheterization with MCC	659	Kidney and ureter procedures for non-neoplasm with MCC
236	Coronary bypass without cardiac catheterization without MCC	660	Kidney and ureter procedures for non-neoplasm with CC
239	Amputation for circulatory system disorders except upper limb and toe with MCC	661	Kidney and ureter procedures for non-neoplasm without CC/MCC
240	Amputation for circulatory system disorders except upper limb and toe with CC	662	Minor bladder procedures with MCC
241	Amputation for circulatory system disorders except upper limb and toe without CC/MCC	663	Minor bladder procedures with CC
242	Permanent cardiac pacemaker implant with MCC	664	Minor bladder procedures without CC/MCC
243	Permanent cardiac pacemaker implant with CC	665	Prostatectomy with MCC
244	Permanent cardiac pacemaker implant without CC/MCC	666	Prostatectomy with CC

245	AICD generator procedures	667	Prostatectomy without CC/MCC
246	Percutaneous cardiovascular procedures with drug-eluting stent with MCC or 4+ arteries or stents	668	Transurethral procedures with MCC
247	Percutaneous cardiovascular procedures with drug-eluting stent without MCC	669	Transurethral procedures with CC
248	Percutaneous cardiovascular procedures with non-drug-eluting stent with MCC or 4+ arteries or stents	670	Transurethral procedures without CC/MCC
249	Percutaneous cardiovascular procedures with non-drug-eluting stent without MCC	671	Urethral procedures with CC/MCC
250	Percutaneous cardiovascular procedures without coronary artery stent with MCC	672	Urethral procedures without CC/MCC
251	Percutaneous cardiovascular procedures without coronary artery stent without MCC	673	Other kidney and urinary tract procedures with MCC
252	Other vascular procedures with MCC	674	Other kidney and urinary tract procedures with CC
253	Other vascular procedures with CC	675	Other kidney and urinary tract procedures without CC/MCC
254	Other vascular procedures without CC/MCC	707	Major male pelvic procedures with CC/MCC
255	Upper limb and toe amputation for circulatory system disorders with MCC	708	Major male pelvic procedures without CC/MCC
256	Upper limb and toe amputation for circulatory system disorders with CC	709	Penis procedures with CC/MCC
257	Upper limb and toe amputation for circulatory system disorders without CC/MCC	710	Penis procedures without CC/MCC
258	Cardiac pacemaker device replacement with MCC	711	Testes procedures with CC/MCC
259	Cardiac pacemaker device replacement without MCC	712	Testes procedures without CC/MCC
260	Cardiac pacemaker revision except device replacement with MCC	713	Transurethral prostatectomy with CC/MCC
261	Cardiac pacemaker revision except device replacement with CC	714	Transurethral prostatectomy without CC/MCC
262	Cardiac pacemaker revision except device replacement without CC/MCC	715	Other male reproductive system O.R. procedures for malignancy with CC/MCC

263	Vein ligation and stripping	716	Other male reproductive system O.R. procedures for malignancy without CC/MCC
264	Other circulatory system O.R. procedures	717	Other male reproductive system O.R. procedures except malignancy with CC/MCC
265	AICD lead procedures	718	Other male reproductive system O.R. proc except malignancy without CC/MCC
266	Endovascular cardiac valve replacement and supplement procedures with MCC	734	Pelvic evisceration, radical hysterectomy and radical vulvectomy with CC/MCC
267	Endovascular cardiac valve replacement and supplement procedures without MCC	735	Pelvic evisceration, radical hysterectomy and radical vulvectomy without CC/MCC
268	Aortic and heart assist procedures except pulsation balloon with MCC	736	Uterine and adnexa procedures for ovarian or adnexal malignancy with MCC
269	Aortic and heart assist procedures except pulsation balloon without MCC	737	Uterine and adnexa procedures for ovarian or adnexal malignancy with CC
270	Other major cardiovascular procedures with MCC	738	Uterine and adnexa procedures for ovarian or adnexal malignancy without CC/MCC
271	Other major cardiovascular procedures with CC	739	Uterine, adnexa procedures for non-ovarian and non-adnexal malignancy with MCC
272	Other major cardiovascular procedures without CC/MCC	740	Uterine, adnexa procedures for non-ovarian and non-adnexal malignancy with CC
273	Percutaneous intracardiac procedures with MCC	741	Uterine, adnexa procedures for non-ovarian and non-adnexal malignancy without CC/MCC
274	Percutaneous intracardiac procedures without MCC	742	Uterine and adnexa procedures for non-malignancy with CC/MCC
319	Other endovascular cardiac valve procedures with MCC	743	Uterine and adnexa procedures for non-malignancy without CC/MCC
320	Other endovascular cardiac valve procedures without MCC	744	D&C, conization, laparoscopy and tubal interruption with CC/MCC
326	Stomach, esophageal and duodenal procedures with MCC	745	D&C, conization, laparoscopy and tubal interruption without CC/MCC
327	Stomach, esophageal and duodenal procedures with CC	746	Vagina, cervix and vulva procedures with CC/MCC

328	Stomach, esophageal and duodenal procedures without CC/MCC	747	Vagina, cervix and vulva procedures without CC/MCC
329	Major small and large bowel procedures with MCC	748	Female reproductive system reconstructive procedures
330	Major small and large bowel procedures with CC	749	Other female reproductive system O.R. procedures with CC/MCC
331	Major small and large bowel procedures without CC/MCC	750	Other female reproductive system O.R. procedures without CC/MCC
332	Rectal resection with MCC	765	Cesarean section with CC/MCC
333	Rectal resection with CC	766	Cesarean section without CC/MCC
334	Rectal resection without CC/MCC	767	Vaginal delivery with sterilization and/or D&C
335	Peritoneal adhesiolysis with MCC	768	Vaginal delivery with O.R. proc except steril &/or D&C
336	Peritoneal adhesiolysis with CC	769	Postpartum and post abortion diagnoses with O.R. procedure
337	Peritoneal adhesiolysis without CC/MCC	770	Abortion with D&C, aspiration curettage or hysterotomy
338	Appendectomy with complicated principal diagnosis with MCC	783	Cesarean section with sterilization with MCC
339	Appendectomy with complicated principal diagnosis with CC	784	Cesarean section with sterilization with CC
340	Appendectomy with complicated principal diagnosis without CC/MCC	785	Cesarean section with sterilization without CC/MCC
341	Appendectomy without complicated principal diagnosis with MCC	786	Cesarean section without sterilization with MCC
342	Appendectomy without complicated principal diagnosis with CC	787	Cesarean section without sterilization with CC
343	Appendectomy without complicated principal diagnosis without CC/MCC	788	Cesarean section without sterilization without CC/MCC
344	Minor small and large bowel procedures with MCC	796	Vaginal delivery with sterilization/D&C with MCC
345	Minor small and large bowel procedures with CC	797	Vaginal delivery with sterilization/D&C with CC
346	Minor small and large bowel procedures without CC/MCC	798	Vaginal delivery with sterilization/D&C without CC/MCC
347	Anal and stomal procedures with MCC	799	Splenectomy with MCC
348	Anal and stomal procedures with CC	800	Splenectomy with CC
349	Anal and stomal procedures without CC/MCC	801	Splenectomy without CC/MCC
350	Inguinal and femoral hernia procedures with MCC	802	Other O.R. procedures of the blood and blood forming organs with MCC
351	Inguinal and femoral hernia procedures with CC	803	Other O.R. procedures of the blood and blood forming organs with CC

352	Inguinal and femoral hernia procedures without CC/MCC
353	Hernia procedures except inguinal and femoral with MCC
354	Hernia procedures except inguinal and femoral with CC
355	Hernia procedures except inguinal and femoral without CC/MCC
356	Other digestive system O.R. procedures with MCC
357	Other digestive system O.R. procedures with CC
358	Other digestive system O.R. procedures without CC/MCC
405	Pancreas, liver and shunt procedures with MCC
406	Pancreas, liver and shunt procedures with CC
407	Pancreas, liver and shunt procedures without CC/MCC
408	Biliary tract procedure except only cholecystectomy with or without C.D.E. with MCC
409	Biliary tract procedure except only cholecystectomy with or without C.D.E. with CC
410	Biliary tract procedure except only cholecystectomy with or without C.D.E. without CC/MCC
411	Cholecystectomy with C.D.E. with MCC
412	Cholecystectomy with C.D.E. with CC
413	Cholecystectomy with C.D.E. without CC/MCC
414	Cholecystectomy except by laparoscope without C.D.E. with MCC
415	Cholecystectomy except by laparoscope without C.D.E. with CC
804	Other O.R. procedures of the blood and blood forming organs without CC/MCC
817	Other antepartum diagnoses with O.R. procedure with MCC
818	Other antepartum diagnoses with O.R. procedure with CC
819	Other antepartum diagnoses with O.R. procedure without CC/MCC
820	Lymphoma and leukemia with major O.R. procedure with MCC
821	Lymphoma and leukemia with major O.R. procedure with CC
822	Lymphoma and leukemia with major O.R. procedure without CC/MCC
823	Lymphoma and non-acute leukemia with other procedure with MCC
824	Lymphoma and non-acute leukemia with other procedure with CC
825	Lymphoma and non-acute leukemia with other procedure without CC/MCC
826	Myeloproliferative disorders or poorly differentiated neoplasms with major O.R. procedure with MCC
827	Myeloproliferative disorders or poorly differentiated neoplasms with major O.R. procedure with CC
828	Myeloproliferative disorders or poorly differentiated neoplasms with major O.R. procedure without CC/MCC
829	Myeloproliferative disorders or poorly differentiated neoplasms with other procedure with CC/MCC
830	Myeloproliferative disorders or poorly differentiated neoplasms with other procedure without CC/MCC
853	Infectious and parasitic diseases with O.R. procedure with MCC
854	Infectious and parasitic diseases with O.R. procedure with CC
855	Infectious and parasitic diseases with O.R. procedure without CC/MCC

416	Cholecystectomy except by laparoscope without C.D.E. without CC/MCC
417	Laparoscopic cholecystectomy without C.D.E. with MCC
418	Laparoscopic cholecystectomy without C.D.E. with CC
419	Laparoscopic cholecystectomy without C.D.E. without CC/MCC
420	Hepatobiliary diagnostic procedures with MCC
421	Hepatobiliary diagnostic procedures with CC
422	Hepatobiliary diagnostic procedures without CC/MCC
423	Other hepatobiliary or pancreas O.R. procedures with MCC
424	Other hepatobiliary or pancreas O.R. procedures with CC
425	Other hepatobiliary or pancreas O.R. procedures without CC/MCC
453	Combined anterior/posterior spinal fusion with MCC
454	Combined anterior/posterior spinal fusion with CC
455	Combined anterior/posterior spinal fusion without CC/MCC
456	Spinal fusion except cervical with spinal curvature or malignancy or infection or extensive fusions with MCC
457	Spinal fusion except cervical with spinal curvature or malignancy or infection or extensive fusions with CC
458	Spinal fusion except cervical with spinal curvature or malignancy or infection or extensive fusions without CC/MCC
459	Spinal fusion except cervical with MCC
856	Postoperative or post-traumatic infections with O.R. procedure with MCC
857	Postoperative or post-traumatic infections with O.R. procedure with CC
858	Postoperative or post-traumatic infections with O.R. procedure without CC/MCC
876	O.R. procedure with principal diagnoses of mental illness
901	Wound debridements for injuries with MCC
902	Wound debridements for injuries with CC
903	Wound debridements for injuries without CC/MCC
904	Skin grafts for injuries with CC/MCC
905	Skin grafts for injuries without CC/MCC
906	Hand procedures for injuries
907	Other O.R. procedures for injuries with MCC
908	Other O.R. procedures for injuries with CC
909	Other O.R. procedures for injuries without CC/MCC
927	Extensive burns or full thickness burns with MV >96 hours with skin graft
928	Full thickness burn with skin graft or inhalation injury with CC/MCC
929	Full thickness burn with skin graft or inhalation injury without CC/MCC
939	O.R. procedures with diagnoses of other contact with health services with MCC

460	Spinal fusion except cervical without MCC	940	O.R. procedures with diagnoses of other contact with health services with CC
461	Bilateral or multiple major joint procedures of lower extremity with MCC	941	O.R. procedures with diagnoses of other contact with health services without CC/MCC
462	Bilateral or multiple major joint procedures of lower extremity without MCC	955	Craniotomy for multiple significant trauma
463	Wound debridement and skin graft except hand for musculoskeletal system and connective tissue disorders with MCC	956	Limb reattachment, hip and femur procedures for multiple significant trauma
464	Wound debridement and skin graft except hand for musculoskeletal system and connective tissue disorders with CC	957	Other O.R. procedures for multiple significant trauma with MCC
465	Wound debridement and skin graft except hand for musculoskeletal system and connective tissue disorders without CC/MCC	958	Other O.R. procedures for multiple significant trauma with CC
466	Revision of hip or knee replacement with MCC	959	Other O.R. procedures for multiple significant trauma without CC/MCC
467	Revision of hip or knee replacement with CC	969	HIV with extensive O.R. procedure with MCC
468	Revision of hip or knee replacement without CC/MCC	970	HIV with extensive O.R. procedure without MCC
469	Major hip and knee joint replacement or reattachment of lower extremity with MCC or total ankle replacement	981	Extensive O.R. procedure unrelated to principal diagnosis with MCC
470	Major hip and knee joint replacement or reattachment of lower extremity without MCC	982	Extensive O.R. procedure unrelated to principal diagnosis with CC
471	Cervical spinal fusion with MCC	983	Extensive O.R. procedure unrelated to principal diagnosis without CC/MCC
472	Cervical spinal fusion with CC	984	Prostatic O.R. procedure unrelated to principal diagnosis with MCC
473	Cervical spinal fusion without CC/MCC	985	Prostatic O.R. procedure unrelated to principal diagnosis with CC
474	Amputation for musculoskeletal system and connective tissue disorders with MCC	986	Prostatic O.R. procedure unrelated to principal diagnosis without CC/MCC

475	Amputation for musculoskeletal system and connective tissue disorders with CC	987	Non-Extensive O.R. procedure unrelated to principal diagnosis with MCC
476	Amputation for musculoskeletal system and connective tissue disorders without CC/MCC	988	Non-Extensive O.R. procedure unrelated to principal diagnosis with CC
477	Biopsies of musculoskeletal system and connective tissue with MCC	989	Non-Extensive O.R. procedure unrelated to principal diagnosis without CC/MCC