

Postoperative Wound Dehiscence Rate

Patient Safety Indicators #14

Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicators, Version 4.4, March 2012

Numerator

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM code for reclosure of postoperative disruption of abdominal wall procedure.

ICD-9-CM Reclosure procedure code:

5461 RECLOSE POST OP DISRUPT

Denominator

All abdominopelvic surgical discharges age 18 and older.

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

1731	LAP MUL SEG RES LG INTES	4143	PARTIAL SPLENECTOMY
1732	LAPAROSCOPIC CECECTOMY	415	TOTAL SPLENECTOMY
1733	LAP RIGHT HEMOLECTOMY	4193	EXC OF ACESSORY SPLEEN
1734	LAP RES TRANSVERSE COLON	4194	SPLEEN TRANSPLANTATION
1735	LAP LEFT HEMICOLEVTOMY	4195	REPAIR OF SPLEEN
1736	LAP SIGMOIDECTOMY	4199	SPLEEN OPERATION NEC
1739	LAP PT EX LRG INTEST NEC	4240	ESOPHAGECTOMY NOS
3804	INCISION OF AORTA	4241	PARTIAL ESOPHAGECTOMY
3806	ABDOMEN ARTERY INCISION	4242	TOTAL ESOPHAGECTOMY
3807	AMDOMINAL VEIN INCISION	4253	THORAC SM BOWEL INTERPOS
3814	ENDARTERECTOMY OF AORTA	4254	THORAC ESOPHAGOENTER NEC
3816	ABDOMINAL ENDARTERECTOMY	4255	THORAC LG BOWEL INTERPOS
3834	AORTA RESECTION & ANAST	4256	THORAC ESOPHAGOCOLOS NEC
3836	ABD VESSEL RESECT/ANAST	4263	STERN SM BOWEL INTERPOS
3837	ABD VEIN RESEC & ANAST	4264	STERN ESOPHAGOENTER NEC
3844	RESECT ABDM AORTA W REPL	4265	STERN LG BOWEL INTERPOS
3846	ABD ARTERY RESEC W REPLA	4266	STERN ESOPHAGOCOLOS NEC
3847	ABD VEIN RESECT W REPLAC	4291	LIGATION ESOPH VARIX
3857	ABD VARICS V LIGA-STRIP	430	GASTROTOMY
3864	EXCISION OF AORTA	433	PYLOROMYOTOMY
3866	ABDOMINAL ARTERY EXCIS	4342	LOCAL GASTR EXCISION NEC
3867	ABDOMINAL VEIN EXCISION	4349	LOCAL GASTR DESTRUCT NEC
3884	OCCLUDE AORTA NEC	435	PROXIMAL GASTRECTOMY
3886	OCCLUDE ABD ARTERY NEC	436	DISTAL GASTRECTOMY
3887	OCCLUDE ABD VEIN NEC	437	PART GASTREC W JEJ ANAST
391	INTRA-ABD VENOUS SHUNT	4381	PART GAST W HEH TRANSP
3924	AORTA-RENAL BYPASS	4382	LAP VERTICAL GASTRECTOMY
3925	AORTA-ILIAC-FEMOR BYPASS	4389	OPN/OTH PART GASTRECTOMY
3926	INTRA-ABDOMIN SHUNT NEC	4391	TOT GAST W INTES INTERPO
4052	RAD DISSEC PERIOART NODE	4399	TOTAL GASTRECTOMY NEC
4053	RAD DISSECT ILIAC NODES	4400	VAGOTOMY NOS
412	SPLENOTOMY	4401	TRUNCAL VAGOTOMY
4133	OPEN SPLEEN BIOPSY	4402	HIGHLY SELECTIVE VAGOTOMY
4141	SPLenic CYST MARSUPIAL	4403	OTHER SELECTIVE VAGOTOMY
4142	EXC SPLenic LESION/TISS	4411	TRANSABDOMIN GASTROSCOPY

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4415	OPEN GASTRIC BIOPSY	4641	SM BOWEL SOTMA REVISION
4421	DILATE PYLORUS, INCISION	4642	PERICOLEST HERMIA REPAIR
4429	OTHER PYLOROPLASTY	4643	LG BOWEL STOMA REVIS NEC
4431	HIGH GASTRIC BYPASS	4650	INTEST STOMA CLOSURE NOS
4439	GASTROENTEROSTOMY NEC	4651	SM BOWEL STOMA CLOSURE
4440	SUTURE OF PEPTIC ULCER NOS	4652	LG BOWEL STOMA CLOSURE
4441	SUT GASTRUC ULCER SITE	4660	INTESTINAL FIXATION NOS
4442	SUTURE DUODEN ULCER SITE	4661	SM BOWEL-ABD WALL FIXAT
445	REVISION GASTRIC ANASTOM	4662	SMALL BOWEL FIXATION NEC
4461	SUTURE GASTRIC LACERAT	4663	LG BOWEL-ABD WALL FIXAT
4463	CLOSE GASTRIC FISTUL NEC	4664	LARGE BOWEL FIXATION NEC
4464	GASTROPEXY	4672	DUIDENAL FISTULA CLOSURE
4465	ESOPHAGOGASTROPLASTY	4674	CLOS ESM BOWEL FIST NEC
4466	CREAT ESOPHAGASTR SPHINC	4676	CLOSE LG BOWEL FISTULA
4469	GASTRIC REPAIR NEC	4680	INTRA-AB BOWEL MANIP NOS
4491	LIGATE GASTRIC VARICES	4681	INTRA-ABD SM BOWEL MANIP
4492	INTRAOP GASTRIC MANIPIL	4682	INTRA-ABD LG BOWEL MANIP
4499	GASTRIC OPERATION NEC	4691	MYOTOMY OF SIGMOID COLON
4500	INTESTINAL INCISION NOS	4692	MYOTOMY COLON NEC
4501	DUODENAL INCISION	4693	RECISE SM BOWEL ANASTOM
4502	SMALL BOWEL INCISION NEC	4694	RECISE LG BOWEL ANASTOM
4503	LARGE BOWEL INCISION	4699	INTESTINAL OP NEC
4531	OTH EXCISE DUODENUM LES	4709	OTHER APPENDECTOMY
4532	DESTRUCT DUODEN LES NEC	4719	OTHER INCID APPENDECTOMY
4533	LOCAL EXCIS SM BOWEL NEC	472	DRAINAPPENDICEAL ABSC
4534	DESTR SM BOWEL LES NEC	4791	APPENDICOSTOMY
4541	EXCISE LG INTESTINE LES	4792	CLOSE APPENDICEAL FISTUL
4549	DESTRUCT LG BOWEL LES NEC	4799	APPENDICEAL OPS NEC
4550	INTEST SEG ISOLAT NOS	4840	PULL-THRU RECT RESEC NEC
4551	SM BOWEL SEGMENT ISOLAT	4841	SOAVE SUBMUC RECT RESECT
4552	LG BOWEL SEGMENT ISOLAT	4843	OPN PULL-THRU RES RECTUM
4561	MULT SEG SM BOWEL EXCIS	4849	PULL-THRU RECT RESEC NEC
4562	PART SM BOWEL RESECT NEC	4850	ABDPERNEAL RES RECTM NOS
4563	TOTAL REMOVAL SM BOWEL	4852	OPN ABDPERNEAL RESC REC
4571	OPN MUL SEG LG INTES NEC	4859	ABDPERNEAL RESC RECT NEC
4572	OPEN CECETOMY NEC	4875	ABDOMINAL PROCTOPEXY
4573	OPN RT HEMOCOLECTOMY NEC	500	HEPATOTOMY
4574	OPN TRANSV COLON RES NEC	5012	OPEN LIVER BIOPSY
4575	OPN LFT HEMOCOLECTMY NEC	5021	MARSUPIALIZAT LIVER LES
4576	OPEN SIGMOIDECTOMY NEC	5022	PARTIAL HEPATECTOMY
4579	PRT LG INTES EXC NEC/NOS	5023	OPN ABLTN LIVER LES/TISS
458	<i>TOTAL INTRA-ABDOMINAL COLECTOMY</i>	5026	ABLTN LIVER LES/TISS NEC
4581	LAP TOT INR-AB COLECTMY	5029	DESTRUC HEPATIC LES NEC
4582	OP TOT INTR-ABD COLECTMY	503	HEPATIC LOBECTOMY
4583	TOT ABD COLECTMY NEC/NOS	504	TOTAL HEPATECTOMY
4590	INTESTINAL ANASTOM NOS	5051	AUXILIARY LIVER TRANSPL
4591	SM-TO-SM BOWEL ANASTOM	5059	LIVER TRANSPLANT NEC
4592	SM BOWEL-RECT STUMP ANAS	5069	LIVER REPAIR NEC
4593	SMALL-TO-LARGE BOWEL NEC	5103	CHOLECYSTOSTOMY NEC
4594	LG-TO-LG BOWEL ANASTOM	5104	CHOLECYSTOTOMY NEC
4595	ANAL ANASTOMOSIS	5113	OPEN BILIARY TRACT BX
4601	SM BOWEL EXTERIORIZATION	5121	OTH PART CHOLECYSTECTOMY
4603	LG BOWEL EXTERIORIZATION	5122	CHOLECYSTECTOMY
4610	COLOSTOMY NOS	5131	GB-TO-HEPAT DUCT ANAST
4611	TEMPORARY COLOSTOMY	5132	GB-TO-INTESTINE ANASTOM
4613	PERMANENT COLOSTOMY	5133	GB-TO-PANCREAS ANASTOM
4620	ILEOSTOMY NOS	5134	GB-TO-STOMACH ANASTOMOS
4621	TEMPORARY ILESOSTOMY	5135	GALLBLADDER ANASTOM NEC
4622	CONTINENT ILEOSTOMY	5136	CHOLEDOCHOENTEROSTOMY
4623	PERMANENT ILEOSTOMY NEC	5137	HEPATIC DUCT-GI ANASTOM
4640	INTEST STOMA REVIS NOS	5139	BOLE DUCT ANASTOMOS NEC

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5141	CDE FOR CALCULUS REMOV	5349	OPEN REP UMBIL HERN NEC
5142	CDE FOR OBSTRUCTION NEC	5351	INCISIONAL HERNIA REPAIR
5143	CHOLEDOCHOHEPAT INTUBAT	5359	ABD WALL HERN REPAIR NEC
5149	INCIS OBSTR BILE DUC NEC	5361	OPEN INCIS HERN-GRFT NEC
5151	COMMON DUCT EXPLORATION	5369	OPN HERN ANT ABD0GRF NEC
5159	BILE DUCT INCISION NEC	537	<i>REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH</i>
5161	EXCIS CYST DUCT REMNANT	5375	ABD REP-DIAPHR HERN NOS
5162	EXCIS AMPULLA OF VATER	540	ABDOMINAL WALL INCISION
5163	COMMON DUCT EXCIS NEC	5411	EXPLORATORY LAPAROTOMY
5169	BILE DUCT EXCISION NEC	5419	LAPAROTOMY NEC
5171	SIMPLE SUT-COMMON DUCT	5422	ABDOMINAL WALL BIOPSY
5172	CHOLEDOCHOPLASTY	5423	PERITONEAL BIOPSY
5179	BILE DUCT REPAIR NEC	543	DESTRUCT ABD WALL LESION
5181	SPHINCTER OF ODDI DILAT	544	DESTRUCT PERITONEAL TISS
5182	PANCREAT SPHONCTEROTOM	5459	OTH PERTON ADHESIOLYSIS
5183	PANCREAT SPHINCTEROPLAS	5463	ABD WALL SUTURE NEC
5189	SPHINCT OF ODDI OP NEC	5464	PERTONEAL SUTURE
5192	CLOSURE CHOLECYSTOSTOMY	5471	REPAIR OF GASTROSCHISIS
5193	CLOS BILIARY FISTUL NEC	5472	ABDOMEN WALL REPAIR NEC
5194	RECIS BILE TRACT ANASTOM	5473	PERITONEAL REPAIR NEC
5195	REMOVE VILE DUCT PROSTH	5474	OMENTAL REPAIR NEC
5199	BILIARY TRACT OP NEC	5475	MESENTERIC REPAIR NEC
5201	CATH DRAIN-PANCREAT CYST	5492	REMOVE FB FROM PERITON
5209	PANCREATOTOMY NEC	5493	CREATE CUANPERITON FIST
5212	OPEN PANCREATIC BIOPSY	5494	CREAT PERITONEOVAS SHUNT
5222	OTHER DESTRY PANCREA LES	5495	PERITONEAL INCISION
523	PANCREAT CYST MARSUPIALI	5532	OPN ABLTN RENAL LES/TISS
524	INT DRAIN PANCREAT CYST	5535	ABLTN RENAL LES/TISS NEC
5251	PROXIMAL PANCREATECTOMY	5551	NEPHROURETERECTOMY
5252	DISTAL PANCREATECTOMY	5552	SOLITARY KIDNEY NEPHRECT
5253	RAD SUB PANCREATECTOM	5553	REHECTED KIDNEY NEPHRECT
5259	PARTIAL PANCREATECT NEC	5554	BILATERAL NEPHRECTOMY
526	TOTAL PANCREATECTOMY	5561	RENAL AUTOTRANSPLANT
527	RAD PANCREATICODUODENECT	5569	KIDNEY TRANSPLANT NEC
5280	PANCREAT TRANSPLANT NOS	557	NEPHROPEXY
5281	REIMPLANT PANCREATIC TIS	5583	CLOSE RENAL FISTULA NEC
5282	PANCREATIC HOMOTRANSPLAN	5584	REDUCE RENAL PEDICL TORS
5283	PANCREATIC HETEROTRANSPL	5585	SYMPHYSIOTOMY
5292	CANNULATION PANCREA DUC	5586	RENAL ANASTOMOSIS
5295	PANCREATIC REPAIR NEC	5587	CORRECT URETEROPELV JUNC
5296	PANCREATIC ANASTOMOSIS	5591	RENAL DECAPSULATION
5299	PANCREATIC OPERATION NEC	5597	IMPLANT MECHANIC KIDNEY
5300	UNILAT ING HERN REP NOS	5598	REMOV MECHANICAL KIDNEY
5301	OPN REP DIR ING HERN NEC	5651	FORM CUTAN ILEORETEROST
5302	OPN REP IND ING HERN NEC	5652	REVIS CUTAN ILEOURETEROS
5303	OPN DIR ING HERN-GFT NEC	5661	FORM CUTAN URETEROSTOMY
5304	OPN IND ING HERN-GFT NEC	5662	REVIS CUTAN URETEROS NEC
5305	ING HERNIA REP-GRAFT NOS	5671	URIN DIVERSION TO BOWEL
5310	BILAT ING HERNIA REP NOS	5672	REVIS URETEROENTEROSTOMY
5311	OPN BIL DIR ING HERN NEC	5673	NEPHROCYSTANASTOMOSI NOS
5312	OPN BIL IND ING HERN NEC	5674	URETERONEOXYSTOSTOMY
5313	OPN BU DR/IN IG HR-GR NEC	5675	TRANSURETEROURETEROSTOMY
5314	ON BU DR ING HRN-GR NEC	5683	URETEROSTOMY CLOSURE
5315	OP BU IN ING HRN-GRF NEC	5684	CKISE URETER FISTULA NEC
5316	OP BU DR/IN IG HR-GR NEC	5685	URETEROPEXY
5317	BIL ING HRN REP-GRFT NOS	5686	REMOVE URETARAL LIGATURE
5321	UNIL FEMOR HERN REPAIR-GRFT	5689	REPAIR OF URETER NEC
5329	UNIL GEMOR HERN REP NEC	5695	LIGATION OF URETER
5331	BIL FEM HERN REPAIR-GRFT	5771	RADICAL CYSTECTOMY
5339	BIL FEM HERN REPAIR NEC	5779	TOTAL CYSTECTOMY NEC
5341	OPN REP UMP HRN-GRFT NEC		

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5782	CYSTOTOMY CLOSURE	6601	SALPINGOTOMY
5787	BLADDER RECONSTRUCTION	6602	SALPINGOSTOMY
5900	RETROPERIT DISSECT NOS	6631	BILAT TUBAL CRUSHING NEC
5902	PERIREN ADHESIOLYS NEC	6632	BILAT TUBAL DIVISION NEC
5909	PERIREN/URETER INCIS NEC	6639	BILAT TUBAL DESTRUCT NEC
6012	OPEN PROSTATIC BIOPSY	664	TOTAL UNILAT SALPINGECT
6014	OPEN SEMINAL VESICLE BX	6651	REMOVE BOTH FALLOP TUBES
6015	PERIPROSTATIC BIOPSY	6652	REMOVE SOLITARY FAL TUBE
603	SUPRAPUBIC PROTATECTOMY	6661	DESTROY FALLOP TUBE LES
604	RETROPUBIC PROSTATECTOMY	6662	DESTROY FALLOP TUBE LES
605	RADICAL PROSTATECTOMY	6663	BILAT PART SALPINGEC NOS
6061	LOS EXCIS PROSTATIC LES	6669	PARTIAL SALPINGECTM NEC
6072	SEMINAL VESICLE INCISION	6671	SIMPL SUTURE FALLOP TUBE
6073	SEMINAL VESICLE EXCISION	6672	SALPINGO-OOPHOROSTOMY
6079	SEMINAL VESICLE OP NEC	6673	SALPINGO-SALPINGOSTOMY
6093	REPAIR OF PROSTATE	6674	SALPINGO-UTEROSTOMY
6509	OTHER OOPHOROTOMY	6679	FALLOP TUBE REPAIR NEC
6512	OVARIAN BIOPSY NEC	6692	UNILAT FALLOP TUVE DESTR
6521	OVARIAN CYST MARSUPIALIZ	6697	BURY FIMBRIAE IN UTERUS
6522	OVARIAN WEDGE RESECTION	680	HYSTEROTOMY
6529	LOCAL DESTRO OVA LES NEC	6813	OPEN UTERINE BIOPSY
6539	OTH UNILAT OOPHORECTOMY	6814	OPEN UTERINE LIGAMENT BX
6549	OTH UNI SALPINGO-OOPHOR	683	<i>SUBTOTAL ABDOMINAL HYSTERECTOMY</i>
6551	OTH REMOVE BOTH OVARIES	6839	SUBTOTL ABD HYST NEC/NOS
6552	OTH REMOVE REMAIN OVARY	684	<i>TOTAL ABDOMINAL HYSTERECTOMY</i>
6561	OTH REMOVE OVARIES/TUBES	6841	LAP TOTAL ABDOMINAL HYST
6562	OTH REMOVE REM OVA/TUBE	6849	TOTAL ABD HYST NEC/NOS
6571	OTH SIMPLE SUTURE OVARY	686	<i>RADICAL ABDOMINAL HYSTERECTOMY</i>
6572	OTH REIMPLANT OF OVARY	6861	LAP RADICAL ABDOMNL HYST
6573	OTH SALPINGO-OOPHOROPLAS	6869	RADICAL ABD HYST NEC/NOS
6579	REPAIR OF OVARY NEC	688	PELVIC EVISCERATION
6589	ADHESIOLYSIS OVARY/TUBE	6922	UTERINE SUSPENSION NEC
6592	TRANSPLANTATION OF OVARY	693	PARACERB UTERINE DENERV
6593	MANUAL RUPT OVARIAN CYST	6941	SUTURE UTERINE LACERAT
6594	OVARIAN DENERVATION	6942	CLOSURE UTERINE FISTULA
6595	OVARIAN TORSION RELEASE	6949	UTERINE REPAIR NEC
6599	OVARIAN OPERATION NEC		

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

² Bolded codes are new to the current fiscal year.

Exclude cases:

- where a procedure for reclosure of postoperative disruption of abdominal wall occurs before or on the same day as the first abdominopelvic surgery procedure
Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available
- where length of stay is less than 2 days
- with any diagnosis or procedure code for immunocompromised state
- MDC 14 (pregnancy, childbirth, and puerperium).
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

See *Patient Safety Indicators Appendices*:

- Appendix I – Immunocompromised State Diagnosis and Procedure Codes