

Supplemental Table 1: ICD-9 and ICD-10 codes used to identify potential cases of splenic rupture (Left column) and mononucleosis (Right Column)

Splenic Injury Codes		Mononucleosis Codes	
ICD Code	Name	ICD Code	Name
28950	Disease Of Spleen, Unspecified	0340	Streptococcal Sore Throat
28959	Disease Of Spleen Unspecified	0579	Viral Exanthem, Unspecified
78940	Abdominal Rigidity, Unspecified Site	075	Infectious Mononucleosis
78942	Abdominal Rigidity, Left Upper Quadrant	0785	Cytomegaloviral Disease
			Unspecified Viral Infection In Conditions Classified
78947	Abdominal Rigidity, Generalized	07999	Elsewhere And Of Unspecified Site
78962	Abdominal Tenderness To Palpation, Left Upper Quadrant	2893	Lymphadenitis, Unspecified, Except Mesenteric
79001	Precipitous Drop In Hematocrit	460	Acute Nasopharyngitis [Common Cold]
86500	Unspecified Injury To Spleen Without Mention Of Open Wound	4610	Acute Maxillary Sinusitis
86501	Hematoma Of Spleen Without Mention Of Open Wound Into Cavity	4618	Other Acute Sinusitis
86502	Capsular Tear Of Spleen Without Mention Of Open Wound Into Cavity	4619	Acute Sinusitis, Unspecified
86503	Laceration Of Spleen Without Mention Of Open Wound Into Cavity	462	Acute Pharyngitis
86504	Massive Parenchymal Disruption Of Spleen Without Mention Of Open Wound Into Cavity	46400	Acute Laryngitis, Without Mention Of Obstruction
86509	Other Injury Of Spleen, Initial Encounter	46401	Acute Laryngitis, With Obstruction
86510	Unspecified Injury To Spleen With Open Wound Into Cavity	46420	Acute Laryngotracheitis Without Mention Of Obstruction
86511	Hematoma Of Spleen, Without Rupture Of Capsule, With Open Wound Into Cavity	46421	Acute Laryngotracheitis With Obstruction
86512	Capsular Tears To Spleen, Without Major Disruption Of Parenchyma, Open Wound Into Cavity	4650	Acute Laryngopharyngitis
86513	Laceration Of Spleen Extending to Parenchyma, Open Wound Into Cavity	4650	Acute Laryngopharyngitis

86514	Massive Parenchymal Disruption Of Spleen, Open Wound Into Cavity	4658	Acute Upper Respiratory Infections Of Other Multiple Sites
86519	Other Injury To Spleen With Open Wound Into Cavity	4659	Acute Upper Respiratory Infections Of Unspecified Site
D735	Disease Of Spleen, Unspecified	47829	Other Diseases Of Pharynx, Not Elsewhere Classified
D7389	Other Disease Of Spleen	4785	Other Diseases Of Vocal Cords
D7801	Intraoperative Hemorrhage Of Spleen	47879	Other Diseases Of Larynx, Not Elsewhere Classified
D7802	Intraoperative Hemorrhage And Hematoma Of The Spleen Complicating Other Procedure	4789	Other And Unspecified Diseases Of Upper Respiratory Tract
D7881	Other Intraoperative Complication Of Spleen	4808	Pneumonia Due To Other Virus Not Elsewhere Classified
D7889	Other Post Procedural Complication Of Spleen	4809	Viral Pneumonia, Unspecified
R161	Splenomegaly	51919	Other Diseases Of Trachea And Bronchus
S35321a	Laceration Of Splenic Vein, Initial Encounter	683	Acute Lymphadenitis
S35321d	Laceration Of Splenic Vein, Subsequent Encounter	78079	Other Malaise And Fatigue
S35321s	Laceration Of Splenic Vein, Sequelae	7821	Rash And Other Nonspecific Skin Eruption
S35328a	Other Injury To Splenic Vein, Initial Encounter	7841	Throat Pain
S35328d	Other Injury To Splenic Vein, Subsequent Encounter	78499	Other Symptoms Involving Head And Neck
S35328s	Other Injury To Splenic Vein, Sequelae	7856	Enlargement Of Lymph Nodes
S35329a	Unspecified Injury To Splenic Vein, Initial Encounter	7908	Viremia, Unspecified
S35329d	Unspecified Injury To Splenic Vein, Subsequent Encounter	B2700	Gammaherpesviral Mononucleosis Without Complication
S35329s	Unspecified Injury To Splenic Vein, Sequelae	B2701	Gammaherpesviral Mononucleosis With Polyneuropathy
S3600xa	Unspecified Injury To Spleen, Initial Encounter	B2702	Gammaherpesviral Mononucleosis With Meningitis
S3600xd	Unspecified Injury To Spleen, Subsequent Encounter	B2709	Gammaherpesviral Mononucleosis With Other Complications
S3600xs	Unspecified Injury To Spleen, Sequelae	B2710	Cytomegaloviral Mononucleosis Without Complications
S36020a	Minor Contusion Of Spleen, Initial Encounter	B2711	Cytomegaloviral Mononucleosis With Polyneuropathy
S36020d	Minor Contusion Of Spleen, Subsequent Encounter	B2712	Cytomegaloviral Mononucleosis With Meningitis

S36020s	Minor Contusion Of Spleen, Sequelae	B2719	Cytomegaloviral Mononucleosis With Other Complication
S36021a	Major Contusion Of Spleen, Initial Encounter	B2780	Other Infectious Mononucleosis Without Complication
S36021d	Major Contusion Of Spleen, Subsequent Encounter	B2781	Other Infectious Mononucleosis With Polyneuropathy
S36021s	Major Contusion Of Spleen, Sequelae	B2782	Other Infectious Mononucleosis With Meningitis
S36029a	Unspecified Contusion Of Spleen, Initial Encounter	B2789	Other Infectious Mononucleosis With Other Complication
S36029d	Unspecified Contusion Of Spleen, Subsequent Encounter	B2790	Infectious Mononucleosis, Unspecified Without Complication
S36029s	Unspecified Contusion Of Spleen, Sequelae	B2791	Infectious Mononucleosis, Unspecified With Polyneuropathy
S36030a	Superficial Laceration Of Spleen, Initial Encounter	B2792	Infectious Mononucleosis, Unspecified With Meningitis
S36030d	Superficial Laceration Of Spleen, Subsequent Encounter	B2799	Infectious Mononucleosis, Unspecified With Other Complication
S36030s	Superficial Laceration Of Spleen, Sequelae	B302	Viral Pharyngoconjunctivitis
S36031a	Moderate Laceration Of Spleen, Initial Encounter	B338	Other Specified Viral Diseases
S36031d	Moderate Laceration Of Spleen, Subsequent Encounter	B348	Other Viral Infections Of Unspecified Site
S36031s	Moderate Laceration Of Spleen, Sequelae	B349	Viral Infection, Unspecified
S36032a	Major Laceration Of Spleen, Initial Encounter	G933	Postviral Fatigue Syndrome
S36032d	Major Laceration Of Spleen, Subsequent Encounter	J020	Streptococcal Pharyngitis
S36032s	Major Laceration Of Spleen, Sequelae	J028	Acute Pharyngitis Due To Other Specified Organisms
S36039a	Unspecified Laceration Of Spleen, Initial Encounter	J029	Acute Pharyngitis, Unspecified
S36039d	Unspecified Laceration Of Spleen, Subsequent Encounter	J0300	Acute Streptococcal Tonsillitis, Unspecified
S36039s	Unspecified Laceration Of Spleen, Sequelae	J0380	Acute Tonsillitis Due To Other Specified Organisms
S3609xa	Other Injury Of Spleen, Initial Encounter	J0381	Acute Recurrent Tonsillitis Due To Other Specified Organisms
S3609xd	Other Injury Of Spleen, Subsequent Encounter	J0390	Acute Tonsillitis, Unspecified
S3609xs	Other Injury Of Spleen, Sequelae	J060	Acute Laryngopharyngitis
		J069	Acute Upper Respiratory Infection, Unspecified
		J1289	Other Viral Pneumonia
		R070	Pain In Throat

R21	Rash And Other Nonspecific Skin Eruption
R5081	Fever Presenting With Conditions Classified Elsewhere
R509	Fever, Unspecified
R590	Localized Enlarged Lymph Nodes
R591	Generalized Enlarged Lymph Nodes
R599	Enlarged Lymph Nodes, Unspecified
V0179	Contact Or Exposure To Other Viral Diseases
V7389	Special Screening Examination For Other Specified Viral Diseases
V7399	Special Screening Examination For Unspecified Viral Disease
V759	Special Screening Examination For Unspecified Infectious Disease
Z1159	Encounter For Screening For Other Viral Diseases
Z20828	Contact With And (Suspected) Exposure To Other Viral Communicable Diseases