



## General Surgery Tip Sheet for ICD-10

Diagnosis	Documentation Requirements		
<b>Abdominal Pain</b>	<b>Document specific location:</b> - RUQ - LUQ - RLQ - LLQ - Periumbilic - Epigastric - Generalized	<b>Document:</b> - Acute abdominal pain - Abdominal tenderness - Rebound abdominal pain	
<b>Anemia</b>	<b>Document Type:</b> - Nutritional deficiency (iron, Vit B12, folate, protein, etc.) - Hemolytic (enzyme disorder, thalassemia, etc.) - Sickle cell (with or without crisis) with acute chest syndrome or splenic sequestration - Aplastic (drug induced, idiopathic, etc.) - Blood loss (acute, chronic, postoperative)	<b>Document cause:</b> - Neoplastic disease - Chronic kidney disease  <b>Document underlying cause if known</b>	<b>Document</b> any alcohol or drug use, abuse, dependence or past history  <b>Specify</b> name of medication or drug with purpose of its use
<b>Appendicitis</b>	<b>Specify peritonitis:</b> - With generalized peritonitis - With localized peritonitis		
<b>Asthma</b>	<b>Document severity:</b> - Mild - Moderate - Severe  <b>Document frequency:</b> - Intermittent - Persistent	<b>Document level of exacerbation:</b> - Uncomplicated - Acute - Status Asthmaticus  <b>Document</b> any coexisting COPD	<b>Document</b> external forces to establish a cause and effect relationship  <b>Document</b> any tobacco use, abuse, dependence, or exposure
<b>Cholecystitis</b>	<b>Document acuity:</b> - Acute - Chronic - Acute with chronic		
<b>Cholelithiasis</b>	<b>Differentiate specific site:</b> - Calculus of gallbladder - Calculus of bile duct - Calculus of gallbladder and bile duct	<b>Document acuity:</b> - Acute - Chronic - Acute with chronic	<b>Specify presence of obstruction:</b> - With obstruction - Without obstruction  <b>Document presence of cholecystitis and/or cholangitis</b>
<b>Chronic Obstructive Pulmonary Disease (COPD)</b>	<b>Document:</b> - Chronic - Acute exacerbation	<b>Document:</b> - With acute lower respiratory tract infection (specify type of infection)	<b>Document:</b> - With Asthma (and type of asthma)  <b>Document</b> any tobacco use, abuse, dependence, or exposure
<b>Complications of Surgery</b>	<b>Document timeframe of when complication occurred:</b> - Intraoperatively - Postoperatively		
<b>Congestive Heart Failure (CHF)</b>	<b>Document acuity:</b> - Acute - Chronic - Acute or chronic  <b>Specify</b> if rheumatic heart failure	<b>Document type:</b> - Systolic (include ejection fraction) - Diastolic - Combined	<b>List</b> any casual relationships: - Hypertension - Chronic kidney disease - Obstetric surgery/procedures - Surgery



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<b>Diabetes Mellitus</b>	<p><b>Document:</b></p> <ul style="list-style-type: none"> <li>- Type I or Type II</li> <li>- Long-term insulin use for Type II</li> </ul> <p><b>Document</b> any cause/effect relationship between diabetes and other conditions (e.g. PVD, Ulcer, Neuropathy, etc.)</p>	<p><b>Document:</b> Insulin under dosing or overdosing related to insulin pump malfunction</p> <p><b>Document</b> any underlying condition, drug or chemical responsible for secondary Diabetes (e.g., steroid induced)</p>	<p><b>Differentiate:</b></p> <ul style="list-style-type: none"> <li>- Diabetes accompanied by hypoglycemia <b>OR</b> hyperglycemia</li> </ul> <p><b>Document</b></p> <ul style="list-style-type: none"> <li>- Hypoglycemia with <b>OR</b> without coma</li> </ul>
<b>Drug Underdosing</b>	<p><b>Document type:</b></p> <ul style="list-style-type: none"> <li>- Intentional <b>versus</b></li> <li>- Unintentional</li> </ul>	<p><b>Document reason for underdosing, such as:</b></p> <ul style="list-style-type: none"> <li>- Financial hardship <b>or</b></li> <li>- Age related dementia</li> </ul>	
<b>Emphysema</b>	<p><b>Document type:</b></p> <ul style="list-style-type: none"> <li>- Unilateral</li> <li>- Panlobular</li> <li>- Centrilobular</li> <li>- Other type</li> </ul>		
<b>Fracture (Traumatic)</b>	<p><b>Specify specific site:</b></p> <ul style="list-style-type: none"> <li>- Calcaneous (body, anterior process, tuberosity, extraarticular fx, intraarticular fx)</li> <li>- Talus (neck, body, posterior process, dome fx, avulsion or chip fx)</li> <li>- Cuboid</li> <li>- Cuneiform (lateral, intermediate, medial)</li> <li>- Navicular</li> <li>- Metatarsals or Phalanx (proximal, medial distal)</li> <li>- Great toe</li> </ul>	<p><b>Document Gustilo open fracture classification type:</b></p> <ul style="list-style-type: none"> <li>- I, II, IIIA, IIIB or IIIC</li> </ul> <p><b>Document laterality:</b></p> <ul style="list-style-type: none"> <li>- Right</li> <li>- Left</li> <li>- Bilateral</li> </ul> <p><b>Document type:</b></p> <ul style="list-style-type: none"> <li>- Displaced or nondisplaced</li> <li>- Open or closed</li> </ul>	<p><b>Specify:</b></p> <ul style="list-style-type: none"> <li>- Initial encounter</li> <li>- Subsequent encounter</li> <li>- Sequela encounter</li> </ul> <p><b>Specify:</b></p> <ul style="list-style-type: none"> <li>- Delayed healing</li> <li>- Routine healing</li> <li>- Nonunion</li> <li>- Malunion</li> </ul>
<b>Hernia</b>	<p><b>Document specific site:</b></p> <ul style="list-style-type: none"> <li>- Inguinal</li> <li>- Femoral</li> <li>- Umbilical</li> <li>- Ventral</li> <li>- Diaphragmatic</li> <li>- Other abdominal</li> </ul>	<p><b>Document laterality:</b></p> <ul style="list-style-type: none"> <li>- Right</li> <li>- Left</li> <li>- Bilateral</li> </ul> <p><b>Specify if recurrent</b></p>	<p><b>Specify presence of gangrene:</b></p> <ul style="list-style-type: none"> <li>- With gangrene</li> <li>- Without gangrene</li> <li>- With obstruction</li> <li>- Without obstruction</li> </ul>
<b>Malnutrition</b>	<p><b>Document type, such as:</b></p> <ul style="list-style-type: none"> <li>- Protein calorie</li> <li>- Protein energy</li> </ul>	<p><b>Document severity:</b></p> <ul style="list-style-type: none"> <li>- Mild or 1<sup>st</sup> degree</li> <li>- Moderate or 2<sup>nd</sup> degree</li> <li>- Severe or 3<sup>rd</sup> degree</li> </ul>	<p><b>Document BMI</b></p>
<b>Neoplasms</b>	<p><b>Document specific site</b></p> <p><b>Document laterality:</b></p> <ul style="list-style-type: none"> <li>- Right</li> <li>- Left</li> <li>- Bilateral</li> </ul>	<p><b>Detail</b> when a patient has presented for a specific treatment related to the neoplasm (e.g., surgical removal, chemotherapy, immunotherapy, radiation therapy)</p>	<p><b>Document morphology:</b></p> <ul style="list-style-type: none"> <li>- Malignant</li> <li>- Benign</li> <li>- In situ</li> <li>- Uncertain behavior</li> <li>- Unspecified behavior</li> </ul>
<b>Obesity</b>	<p><b>Document etiology:</b></p> <ul style="list-style-type: none"> <li>- Due to excess calories or nutritional</li> <li>- Due to drugs</li> <li>- Other, for example, due to thyroid or pituitary disorder</li> </ul>	<p><b>If morbidly obese</b>, also document if with alveolar hypoventilation</p>	<p><b>Document BMI</b></p>



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Diagnosis	Documentation Requirements		
<b>Osteoarthritis</b>	<b>Document type:</b> - Primary generalized - Primary - Posttraumatic - Other secondary	<b>Document site:</b> - Hip - Knee - Joint	<b>Document laterality:</b> - Right - Left - Bilateral
<b>Pulmonary Embolism</b>	<b>Document type, such as:</b> - Saddle - Septic	<b>Document cor pulmonale if present and whether it is:</b> - Acute - Chronic	<b>Specify if:</b> - Chronic (still present) <b>Versus</b> - Healed/old - Note that "history of PE" is ambiguous
<b>Respiratory Failure</b>	<b>Document acuity:</b> - Acute - Chronic - Acute and chronic	<b>Document:</b> - With hypoxia and/or hypercapnea  <b>Document</b> any tobacco use, abuse, dependence or exposure	<b>Differentiate between:</b> - Respiratory Distress Syndrome - Respiratory Arrest - Post procedural Respiratory Failure
<b>Sepsis</b>	<b>Document:</b> - Systemic type or causal organism  <b>Do NOT use the term UROSEPSIS</b> (consider UTI with Sepsis)  <b>Document:</b> Present on admission vs. hospital acquired	<b>Document:</b> - Circulatory failure related to Sepsis and/or Septic Shock - Severe Sepsis with specific related acute organ dysfunction	<b>Document:</b> - Related local infections (Pneumonia, Cellulitis, UTI, Catheter related UTI, Infected Dialysis Catheter, etc.)
<b>Tobacco Use Disorder</b>	<b>Document type:</b> - Cigarettes - Chewing tobacco - Other  <b>Delineate between:</b> - Tobacco use/abuse - Tobacco dependence	<b>Document state of dependence:</b> - In remission - With withdrawal - Without withdrawal	<b>Document</b> if used during pregnancy, childbirth, puerperium  <b>Describe</b> history, including product and time
Procedures	Documentation Requirements		
<b>Appendectomy</b>	<b>Document approach:</b> - Open - Percutaneous Endoscopic	<b>Document</b> if incidental appendectomy	
<b>Debridement</b>	<b>Differentiate between:</b> - Excisional <b>or</b> - Nonexcisional debridement	<b>Document depth of debridement:</b> - Skin - Subcutaneous tissue - Fascia - Muscle <b>Or</b> - Bone	
<b>Hernia Repair</b>	<b>Document:</b> - With graft or prosthesis - Without graft or prosthesis	<b>Document site:</b> - Abdominal wall - Diaphragm - Femoral - Inguinal  <b>Document:</b> - Autologous tissue substitute - Nonautologous tissue substitute - Synthetic substitute	<b>Document laterality:</b> - Right - Left - Bilateral  <b>Document approach:</b> - Open - Percutaneous endoscopic



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**Diagnosis                      Documentation Requirements**

Procedures	Documentation Requirements		
<b>Lymph Node Removal</b>	<b>Differentiate between removal of:</b> - One or more lymph nodes <b>Versus</b> - Removal of an entire chain of lymph nodes		
<b>Lysis of Adhesions</b>	<b>Document each organ or body part released, for example:</b> - Greater omentum - Lesser omentum - Mesentery		
<b>Reduction of Fracture</b>	<b>Document site of reduction:</b> - Head and facial - Lower extremity - Lower trunk - Upper extremity - Upper trunk  <b>Document:</b> - Closed reduction - Open reduction	<b>Document approach:</b> - External - Open - Percutaneous	<b>Document laterality:</b> - Right - Left - Bilateral  <b>Document:</b> - With internal fixation device - Without internal fixation device
<b>Replacement of Joint</b>	<b>Document site:</b> - Ankle - Hip total/partial - Knee total/partial - Shoulder	<b>Document laterality:</b> - Right - Left - Bilateral  <b>Document:</b> - Cemented - Uncemented	<b>Device used in joint:</b> - Synthetic substitute - Synthetic substitute, ceramic - Synthetic substitute, ceramic on polyethylene - Synthetic substitute, metal - Synthetic substitute, metal on polyethylene
<b>Transfusion</b>	<b>Document:</b> - Substance transfused: (FFP, RBC, albumin, etc.) - Autologous or nonautologous	<b>Document when blood was collected:</b> - Prior to surgery - Intraoperative/perioperative/post-operative (24 HR period surrounding surgery) - Previously collected - Salvage (24 HR period surrounding surgery)	<b>Document site of administration:</b> - Central artery or vein - Peripheral artery or vein  <b>Document approach:</b> - Open - Percutaneous