

**First Aid for the USMLE Step 2 CK, 9th edition**  
**Official Errata: Corrections and Clarifications**  
**January 15, 2018**

Despite our best efforts, errors do occur during the revision process. This list primarily addresses direct content errors that may create confusion. We also have listed selected clarifications. Please be aware, however, that this list does not represent the entire scope of additions, improvements, and clarifications made in the 9th edition.

We check every submission against your reference(s), authoritative references, and expert faculty to maximize clarity and accuracy. Please note that our goal is to provide a high-yield framework for optimal exam preparation and not a comprehensive textbook. If you were the first individual to submit a referenced correction or clarification to us at [www.firstaidteam.com](http://www.firstaidteam.com) that appears in the errata or in the next edition of the book, you will receive a gift certificate in appreciation. Good luck with your studies!

–The First Aid/USMLE-Rx Team

Page #	Section	Errata wording
20	Cardiac Physical Exam	In the first bullet, edit the parenthetical statement so that it reads, "...(JVD > 4 cm above the sternal angle)."  In the last sentence of the third bullet, delete "Often seen in cardiac tamponade" so that sentence reads, "Often seen in constrictive pericarditis."  In the third bullet below Peripheral pulses, replace "(↓ systolic BP with inspiration)" with "(↓ systolic BP > 10 mm Hg with inspiration)."
22	Flashcard Answer	To the end of the answer, add "Calcium channel blockers are contraindicated."
24	Table 2.1-4	In the Treatment column of the AVRT row, replace "Same as that for AVNRT" with "Except for WPW, same as that for AVNRT. WPW listed separately below."  Add a row for WPW below the AVRT row as follows: Type: WPW Etiology: Abnormal fast accessory conduction pathway from atria to ventricle (Bundle of Kent) Signs/Symptoms: Palpitations, dyspnea, dizziness, and rarely cardiac death ECF Findings: Characteristic delta wave with widened QRS complex and shortened PR interval Treatment: Observation for asymptomatics. Acute therapy is procainamide or amiodarone SVT gets worse after CCBs or digoxin (dangerous in WPW). Radiofrequency catheter ablation is curative.
24	Systolic Dysfunction	In the first sentence, replace "↓ EF (< 40%)" with "↓ EF (< 40%)".

28	Table 2.1-10	In the Restrictive column of the Left ventricular cavity size (end diastole) row, replace “↑” with “↓.”  In the Restrictive column of the Left ventricular cavity size (end systole) row, replace “↑” with “↓.”
30	Hypertrophic Cardiomyopathy	In the Treatment section add a bullet that reads, “Implantable defibrillators should be used for symptomatic HOCM patients.”
32	TABLE 2.1-11	In the Point column of the History row, and a line space after the second number 1 so that the numbers are aligned with the text.
33	Mnemonic	Replace “Nitrogen” with “Nitrates.”
33	ST-Elevation Myocardial Infarction	Replace the first bulleted sentence below “Cardiac enzymes” with “Troponin (T and I) is the most sensitive and specific cardiac marker.”
38	Table 2.1-14	In the Agents column of the Diabetes row, add “Methyldopa” so that the entry reads, “Methyldopa, β-blockers (typically labetalol), hydralazine.”  In the Agents column of the Diabetes row, delete “β-blockers.”
40	Table 2.1-16	In the Mechanism of Action column of the ACEIs row, replace the current text with “Blocks the conversion of angiotensin I to angiotensin II, reducing peripheral resistance and salt/water retention. Bradykinin ↑ due to the ↓ activation of ACE.”  In the Mechanism of Action column of the ARBs row, replace the current text with “Blocks the activation of angiotensin II receptor, reducing peripheral resistance and salt/water retention.”
45	Figure 2.1-17	Delete part C of the figure. Only the figures labeled A and B represent Stanford classification.
45	Virchow triad Key Fact	Replace “(1) hemostasis” with “(1) venous stasis.”
54	Seborrheic Dermatitis	Delete “hbbc” from the end of the paragraph.
61	Table 2.2-3	In the Pemphigus Vulgaris column of the Blister appearance row, replace “see Figure 2.2-14” with “see Figure 2.2-13B.”
62	Key Fact	In the first sentence, replace “but is not caused by HSV” with “but is caused by HSV.”
84	Diagnosis	In the second demoted bullet, insert a bullet point before “A 2-hour postprandial glucose level ≥ 200 mg/dL following an oral glucose tolerance test” so that there are four bullets listed below “At least one of the following is required to make the diagnosis.”
91	History/PE	In the second sentence of the second bullet, change “pretibial myxedema, and thyroid bruits are seen only in Graves disease” to “pretibial myxedema, acropachy, and thyroid bruits are seen only in Graves disease....”
93	Diagnosis	Replace “↑ triglycerides, ↑ CK, hypothermia” with “↑ triglycerides, ↑ CK, hyponatremia.”
94	Thyroiditis	In the Diagnosis section, replace “uptake on RAI and scan” with “uptake on RAI scan....”

95	Figure 2.3-7	In the topmost most box, add a character space between “or” and “additional.”
96	History/PE	Delete “excessive caffeine or” from the third bullet.
99	Table 2.3-8	In the footnote, replace “PTH-releasing peptide (PTHrP)” with “PTH-related peptide (PTHrP)....”
99	Hyperparathyroidism	In the fourth bullet, replace “(may have shortened fourth metatarsal” with “(may have shortened fourth and fifth metatarsal....”
101	Figure 2.3-13	Replace the figure legend so that it reads, “The hypothalamic-anterior pituitary axis (hypophyseal portal system): Cushing disease.”
103	Figure 2.3-16	Replace the figure legend so that it reads, “The hypothalamic-anterior pituitary axis (hypophyseal portal system): acromegaly.”
104	Figure 2.3-17	Replace the figure legend so that it reads, “The hypothalamic-anterior pituitary axis (hypophyseal portal system): prolactin regulation.”
106	Adrenal Insufficiency	Delete the last sentence of the first bullet that reads, “TB is the most common cause of AI worldwide (can see calcification of the adrenal glands).”
107	Table 2.3-10	In the Potassium column of the 2°/3° Adrenal insufficiency row, replace “↑” with “NI.”  In the Potassium column of the 1° Adrenal insufficiency row, replace “NI” with “↑ ↑.”
113	Measures of Effect	In the third bullet, replace “Number need to treat (NNT) = 1/attributable risk” with “ Number needed to treat (NNT) = 1/absolute risk reduction”
138	Table 2.6-2	In the Description column of the Urea breath test row, replace, “ <i>H pylori</i> urease converts urea to CO <sub>2</sub> and ammonia; this test detects ammonia formed from urea metabolism” with “ <i>H pylori</i> urease converts radio-labeled urea (C14 or C13) to CO <sub>2</sub> and ammonia; this test detects CO <sub>2</sub> formed from urea metabolism.”
139	Diagnosis (top of page)	Replace the first bullet that reads, “If suspect perforation, perform upright KUB” with “If perforation is suspected, perform upright CXR....”
160	Figure 2.6-20	Replace the figure legend so that it reads, “Portosystemic anastomoses. 1. Esophageal varices: left gastric ↔ azygos. 2. Caput medusae: paraumbilical ↔ small epigastric veins of the anterior abdominal wall. 3. Anorectal varices: superior rectal ↔ middle and inferior rectal. 4. Treatment with transjugular Intrahepatic Portosystemic Shunt (TIPS): portal vein ↔ hepatic vein.”
164	Pancreatic Cancer	In the last bullet on the page, replace “(Trousseau sign)” with “(Trousseau syndrome).”
168	Normal Hemostasis	Replace the third sentence in the first paragraph that reads, “Tissue factor triggers the coagulation cascade via the intrinsic pathway with factor VII, amplified by the intrinsic pathway” with “Tissue factor triggers the coagulation cascade via the extrinsic pathway with factor VII.”

178	History/PE	In the bullet above Diagnosis, replace “These complications both present with ↓ hematocrit but are distinguished clinically by ↓ platelets in aplastic crisis (2° to bone marrow involvement) and normal to ↑ platelets in splenic sequestration” with “These complications both present with ↓ hematocrit but are distinguished clinically by ↓ reticulocytes in aplastic crisis (2° to bone marrow involvement) and normal to ↑ reticulocytes in splenic sequestration.”
178	Key Fact	Replace “The most common cause of osteomyelitis in patients with SCD is <i>Salmonella</i> , followed by <i>S aureus</i> . They are also at ↑ risk for avascular necrosis of the hip” with “The most common cause of osteomyelitis in patients with sickle cell disease is <i>S aureus</i> ; <i>Salmonella</i> is the second most common cause. Patients are also at ↑ risk for avascular necrosis of the femoral head.”
192	Eosinophilia	In the first sentence, replace “An absolute eosinophil count > 350/mm” with “An absolute eosinophil count ≥ 500/mm <sup>3</sup> .”
229	Table 2.8-11	In the Treatment column of the Adenovirus row delete the sentence that reads, “Topical corticosteroids with supervision by an ophthalmologist.”
234	Figure 2.8-38	Image appears inverted and should be rotated 180 degrees.
274	Myasthenia Gravis	In the Diagnosis section, the second sentence of the first bullet, replace “is an anticholinesterase that can” with “is an anticholinesterase inhibitor that can....”
285	Table 2.10-12	In the Presentation column of the Craniopharyngioma row, replace “May cause hypopituitarism or homonymous hemianopsia” with “Most commonly causes bitemporal hemianopsia caused by compression of the optic chiasm.”
303	Table 2.11-6	In the Defects column of the Alcohol, Organic mercury, and Phenytoin, Radiation, and Vitamin A and derivatives rows, replace “mental retardation” with “intellectual disability.”
304	Table 2.11-7	In the Symptoms column of the Rubella row, replace “Mental retardation” with “Intellectual disability.”
307	Table 2.11-10	Revise the Latent row so that it reads, “Starts/Ends: Onset of labor to 6 cm dilation; Duration Nulliparous: ≤ 20 h; Duration Multiparous: ≤ 14 h.” Revise the Active row so that it reads, “Starts/Ends: 6 cm to complete cervical dilation (10 cm); Duration Nulliparous: 4–6 h (1.2 cm/hour); Duration Multiparous: 2–3 h (1.5 cm/h).”
324	Table 2.11-16	In the Definition column of the Active row, replace the current text with “Dilation of at least 6 cm and either: No change in dilation with 4 h of adequate contractions or no change in dilation with 6 h of inadequate contractions.”
330	Lactation and Breastfeeding	In the last bullet, replace “include HIV infection, active HBV and HCV infection, and use of certain medications (eg, tetracycline, chloramphenicol)” with “include HIV infection, active drug use (including marijuana), and use of certain medications (eg, tetracycline, chloramphenicol).”

332	Menarche and Normal Female Development	In the first bullet, replace “Growth acceleration → thelarche (breast development, onset 8–11 years) → pubarche (pubic hair growth) → menarche (onset 10–16 years)” with “Thelarche (breast development, onset 8–13 years) → pubarche (pubic hair growth) → growth acceleration → menarche (onset 10–16 years).”
334	1° Amenorrhea/ Delayed Puberty	In the first paragraph, replace “The absence of menses by age 16 with 2° sexual development present, or the absence of 2° sexual characteristics by age 14” with “The absence of menses by age 15 with 2° sexual development present, or the absence of 2° sexual characteristics by age 13.”
344	Table 2.12-6	In the [K+] column of the 21-hydroxylase row, replace “↓” with “↑.”
361	Table 2.12-13	In the Treatment column of the Urge row, replace “Anticholinergic medications or TCAs; behavioral training (biofeedback)” with “Pelvic floor exercises, bladder training. Pharmacologic interventions: anticholinergics (first- line), β-agonists such as mirabegron (second-line).”
362	Figure 2.12-12	Below the box that reads “Central precocious puberty,” insert a box that reads “MRI.”
376	Mnemonic	Replace “Cardiac abnormalities (transposition)” with “ Cardiac abnormalities (Tetralogy of Fallot, VSD).”
388	Malrotation With Volvulus	In the Diagnosis section, replace “AXR may reveal” with “Barium contrast enema may reveal....”
392	Table 2.13-10	In the Infection Risk/Type column of the Chédiak-Higashi syndrome row, replace “ <i>Pseudomonas species</i> ” with “ <i>Pneumococcus species.</i> ”
393	Table 2.13-11	In the Diagnosis/Treatment Column of the C1 esterase inhibitor deficiency row, replace “Purified C1 esterase and FFP can be used prior to surgery” with “Purified C1 inhibitor (C1INH) concentrate and FFP can be used before surgery.”
403	Table 2.13-18	In the Neonatal Manifestations column of the Syphilis row, replace “presents with facial abnormalities (eg, notched teeth, saddle nose, short maxilla), saber shins, CN VIII deafness” with “presents with cutaneous lesions on the hands/foot, hepatosplenomegaly, jaundice, anemia, and rhinorrhea (“snuffles”).”
406	Table 2.13-22	In the second row, replace “Impaired hepatic uptake of bilirubin” with “Impaired conjugation of bilirubin” and replace “Gilbert syndrome; Crigler-Najjar syndrome” with “Gilbert syndrome; Crigler-Najjar syndrome; Newborn physiologic jaundice.”  In the third row replace “Impaired bilirubin conjugation” with “Impaired bilirubin uptake and secretion from the liver “ and delete “Newborn physiologic jaundice” from the Example(s) column.
406	Table 2.13-21	On the second row of the Physiologic Jaundice column, replace “Bilirubin ↑ < 0.5 mg/dL/day” with “Bilirubin ↑ < 5 mg/dL/day.”  On the second row of the Pathologic Jaundice column, replace “Bilirubin ↑ > 0.5 mg/dL/hr” with “Bilirubin ↑ > 5 mg/dL/h.”

446	Mnemonic	Replace “Rational thought” with “Rational thought loss.”
451	Table 2.15-4	On the Emphysema row, replace the definition so that it reads, “Terminal airway destruction and dilation.”  On the Chronic bronchitis row, replace the definition so that it reads, “Productive cough > 3 months × 2 years.”
456	Acute Respiratory Distress Syndrome	In the first sentence, replace “Paco <sub>2</sub> /Fio <sub>2</sub> ratio ≤ 300” with “PaO <sub>2</sub> /Fio <sub>2</sub> ≤ 300.”
469	Hyponatremia	In the first bullet of the History/PE section, delete “hyporeflexia.”
492	Table 2.16-7	In the Tumor Marker column of the seminoma row, replace “↑ placental ALP” with “Usually ⊖, ↑ β-hCG in some cases.”
500	Aortic Disruption	Replace the fourth bullet in the Diagnosis section with “Confirm with CTA in stable patients. Unstable patients may undergo transesophageal echocardiogram or intraoperative evaluation.”
504	Key Fact (top of page)	Replace the text so that it reads, “Acute abdominal pain with blood per rectum is acute mesenteric ischemia until proven otherwise. Classically, an elderly patient with a history of atrial fibrillation or recent AAA repair presents with these findings.”
512	Table 2.17-8	In the Antidote/Treatment column of the Black widow bite row, replace “Calcium gluconate, methocarbamol” with “Antivenin. Classic treatment with Ca gluconate is largely proven ineffective.”
518	Cardiovascular	On the treatment for ventricular fibrillation row, replace “Immediate cardioversion” with “Immediate defibrillation.”
535	Pediatrics	On the fourteenth row, replace “Defect in an X-linked syndrome with mental retardation” with “Defect in an X-linked syndrome with intellectual disability....”