

Step-Up to USMLE Step 1 3e  
Errata Sheet

Page number(s)	Chapter title	Description of error	Author Approved Change:
4	Basic Concepts	About histones: includes H2B, H3, and H4, but not H2A	Add H2A so that it reads: “each core contains two each of types H2A, H2B, H3, and H4 histones.”
5	Basic Concepts	Quick Hint (QH) on point mutations to pg 9	Move quick hit to page 9.
7	Basic Concepts	At step 5, has the anticodon UAC matching UUU (typo)	In Step 5, change UAC anticodon to AAA.
9	Basic Concepts	Section III.d Change “above” to ‘earlier’ or ‘on pg__’	Change above to earlier.
14	Basic Concepts	Section IV (Metabolism). E. Typo → change “arc” to ‘are’	Change arc to are.
16	Basic Concepts	Table 1-3 Scrum???	Change scrum to serum.
22	Basic Concepts	Under the line-weaver-burk equation says “b. Noncompetitive inhibitors decrease the V” it should have V <sub>m</sub> (typo)	Change V to V <sub>m</sub> . m should be subscript.
32	The Nervous System	The superior cerebral artery should be the superior cerebellar artery	Change superior cerebral artery to superior cerebellar artery.
50	The Nervous System	Anemia is listed twice under Phenytoin	Delete duplicate anemia.
56	The Nervous System	Table 2-16: Common migraine treatment has symptoms ???	The last row of Table 2-16 is a typo. Delete entire row.
72	The Cardiovascular System	Table 3-2, has ECG on graph, but there are no ECGs.	The ECG are missing. Please add them. Please refer to Table 3-2 on page 72 of the second edition of Step Up.
89	The Cardiovascular System	Table 3-8, has Schematic Representation, but there are none in the graph.	The schematic representations are missing. Please add them. Please refer to Table 3-8 on page 88 of

			the second edition of Step Up.
98	The Respiratory System	IV.C.3 “A V/Q of 0”; V/Q missing	Add V/Q. Will read “A V/Q of 0 is considered a shunt...”
101	The Respiratory System	Make PaO <sub>2</sub> → PAO <sub>2</sub> for alveolar partial pressure of oxygen b/c PaO <sub>2</sub> can be confused in A-a gradient to mean arterial and not alveolar	In the equation listed in B. 1. change PaO <sub>2</sub> to PAO <sub>2</sub> . Also, PaCO <sub>2</sub> should be PACO <sub>2</sub> in both the equation and text below equation.
103	The Respiratory System	Add ; after infinity under PE	The statement following infinity should be moved to the complications column as a separate line: “Saddle embolus—an embolus lodged at the pulmonary artery, is often fatal”
104	The Respiratory System	Missing “i” in include under asthma Emphysema: Layout problem under clinical features + “mnonproduction cough”	Add I to “nclude” to make it include. Delete I in “iand” to make it and. Delete extra line space between “anteroposterior diameter” and “increased”. Delete m in “mnonproductive cough” to make it “nonproductive cough.”
130	The Gastrointestinal System	There are no labels for the numbered enzymes in the diagram.	The legend is missing, please add it. The legend can be found in the second edition of Step Up to the USMLE Step 1 on the bottom of page 126.
131	The Gastrointestinal System	Table 5-12, references figure 5-8 enzymes. This is not right because in 5-8 no enzymes are labeled.	In Table 5-12, change references to Figure 5-8 to Figure 5-9.

134	The Gastrointestinal System	Wilsoa Disease; typo, remove 'a'	Change Wilsoa Disease to Wilson Disease.
145	The Renal System	Fig 6-5; aldosterone increases Na reabsorption and <b>increase K secretion</b>	In the figure, change text under aldosterone. Should read: "reabsorb Na <sup>+</sup> and secrete K <sup>+</sup> "
152	The Renal System	Words on Fig 6-9 got cut off; printing error?!? Fig 6-9 IgA Nephropathy has (IgG and C3); should be IgA and C3 is normal	Words on Fig 6-9 got cut off, looks like printing error. Should read: Post-streptococcal glomerulonephritis. Membranous glomerulonephritis. Segmental glomerular sclerosis.
158	The Renal System	Table 6-9: Wilms tumor "(see below)" should be "see above"	Change "see below" to "see above".
160	The Renal System	Bottom of Table 6-10 "C_chloride" should be "C"	Caption of table 6-10, superscript typo, change "Cl <sup>_</sup> , chloride" to "Cl <sup>-</sup> , chloride".
162	The Endocrine System	Table 7-2 1a-12-hydroxylase; should be 1a-hydroxylase ?	Change 1a-12-hydroxylase to 1a-hydroxylase.
163	The Endocrine System	Table 7-2: For LH, testosteronep typo	In the row LH, Change testosteronep to testosterone.
164	The Endocrine System	Vit D on table 7-2; make it (1,25 dihydroxy-cholecalciferol); do not separate before the y	In the row Vitamin D, change 1,25 dihydrox-ycholecalciferol to 1,25 dihydroxy-cholecalciferol. The hyphen should appear after the y.
165	The Endocrine System	Testosterone; T is halfway cut off	In the Figure 7-1, the T in Testosterone is cutoff. Please fix.
167	The Endocrine System	Fig 7-3: Should be phospholipase C in diagram; add C	C may have gotten cut off. Add C to diagram so reads "Phospholipase C".
170	The Endocrine System	"The chronic symptoms of hyperglycemia mimic..."	In that parenthetical reference in

		(Table 7-4). Maybe it meant Table 7-7 on pg 173	the text, change Table 7-4 to Table 7-7.
176	The Endocrine System	Clinical Vignette 7-3: "A" is bolded; unbold	Unbold A.
188	The Reproductive System	Spermatogenesis: Spermatids are labeled X,Y,Y,Y; it should be X,X,Y,Y	Spermatids should be labeled X, X, Y, Y.
199	The Reproductive System	Fig 8-10: Spelling of prolactinoma	Change spelling to prolactinoma.
192	The Reproductive System	Fragile X: Include that it is a trinucleotide repeat CGG; possible mnemonic " <b>See Gigantic Gonads</b> " = C (See) G G	Add Mnemonic in margin next to table 8-3: "To remember that Fragile X is due to a trinucleotide repeat CGG, think " <b>See Gigantic Gonads</b> " C G G."
211	The Reproductive System	Section C.3 "...is a combination of ZDV, 3TC, and IDV" What is ZDV? Define.	Change line to "...is a combination of AZT, 3TC, and IDV."
226	Musculoskeletal System	In table 9-6 under Ehlers-Danlos syndrome, the Etiology is listed as "Genetic defect in collagen and elastin formation." Elastin is in bold; from the research I've done, it's most importantly a defect in Type III collagen and I think the way it's listed in the book is misleading. Having elastin in bold may make students think you're making a differentiation between this disease and Osteogenesis Imperfecta with Type I collagen defects. Great book overall!	Change phrase to "collagen (type III) and elastin" and bold this.
242	The Hematopoietic and Lymphoreticular System	Monocytes: Chemotacticall-y; y got placed in different line T cells: IL-2	Place y in same line with chemotactically or hyphen between chemo and tactically so that reads "chemo-tactically".
242	The Hematopoietic and Lymphoreticular System	T lymphocytes: "several types of platelets" What does this info refer to?	Under T lymphocyte, delete several types of platelets.

		B lymphocytes 5%- _%; missing number Macrophages: under morphology, I think the functions were listed	Under B lymphocytes, delete -% so reads “5% of WBCs, ...” Under Macrophages’ morphology, move “bacteria, RBCs, and damaged cells” to after Phagocytize in functions column so reads “Phagocytize bacteria, RBCs, and damaged cells.”
243	The Hematopoietic and Lymphoreticular System	Fig 10-2 CA=central artery? or Cap?	In caption of Fig 10-2, please add after CA and Cap: CA, central artery Cap, capillary Also, please capitalize V after TV.
249	The Hematopoietic and Lymphoreticular System	X-linked aggamaglobinemi- <b>a</b> ; ‘a’ got shifted to other line QH do not belong in this pg	Please put a on same line as agammaglobulinemi so reads agammaglobulinemia.
252	The Hematopoietic and Lymphoreticular System	QH “P prothrombin” Typo?	Typo, please delete extra P and capitalize so reads “Prothrombin”.
227	The Hematopoietic and Lymphoreticular System	Musculocutenous Nerve should be C5-C7	In Figure 9-4, below Musculocutaneous Nerve, change C5-C6 to C5-C7.
265	The Hematopoietic and Lymphoreticular System	Approach to Anemia: LAIVA should be CAIVA !?!	In Figure 10-14, under extrinsic causes box, change LAIHA to CAIHA.
269	App1: Drug Index	Alcohol: Missing “l” in withdraw”l” under side effects section	In the alcohol row, withdrawal misspelled. Please add l.
274	App1: Drug Index	Carbidopa; do not use brand name under indications	In Carbidopa row, delete Sinemet in Therapeutic Agent Column and in Indications Column.
280	App1: Drug Index	Dantrolene: Malignant <b>hyperthermia</b> not malignant	Change malignant hypertension to

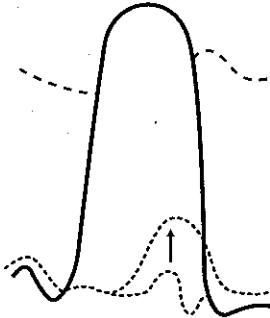
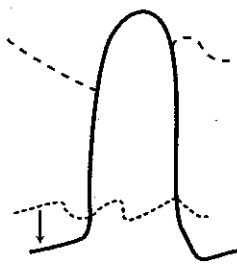
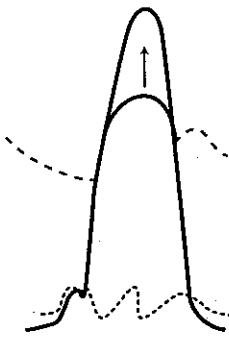
		hypertension	malignant hyperthermia.
288	App1: Drug Index	Indomethacin: Closes PDA ; gout. Add semicolon.	In indomethacin row, add semicolon between PDA and gout.
314	App2: Bug Index	Bacteroides fragilis: “no endotoxin” vs “weak endotoxin.” Which one is it?	Delete “no endotoxin”
316	App2: Bug Index	Enterococcus faecalis: “variablehemolysis.” Separate words.	Separate words so reads variable hemolysis.
323	App2: Bug Index	Hep E: Add RNA virus	In Hepatitis E row, under morphology, add RNA virus so reads “single-stranded RNA virus”.
328	App2: Bug Index	Chloroquine listed twice under Plasmodium	Delete repeat chloroquine.

**TABLE 3-2 Conduction Anomalies**

Pathology	Notes	ECG
First-degree heart block	AV nodal anomaly <b>lengthens PR interval</b> (greater than 0.2 sec)	May be caused by drugs (e.g., $\beta$ -blockers, digitalis and $Ca^{2+}$ channel blockers)
Second-degree heart block: Mobitz type 1 (Wenckebach)	Defect in AV node; progressively <b>increasing PR interval</b> until QRS wave is lost	Relatively common; usually <b>does not require treatment</b>
Second-degree heart block: Mobitz type 2	<b>Defect in His-Purkinje system</b> ; constant PR interval with random dropped QRS complexes	Less common and more dangerous than Mobitz type 1; <b>pacemaker</b>
Third-degree heart block	No electrical connection between atria and ventricles; <b>atria and ventricles contract independently</b>	His-Purkinje system sets rate of ventricular contraction; pacemaker may be necessary

AV=atrioventricular

**TABLE 3-8 Valvular Heart Disease**

<b>Valvular Disease</b>	<b>Etiology</b>	<b>Physical Examination</b>	<b>Clinical Manifestations</b>	<b>Schematic Representation</b>
Mitral stenosis	Usually <b>rheumatic heart disease</b>	Cyanosis; <b>opening snap</b> ; diastolic rumbling murmur	Dyspnea; orthopnea; left atrial enlargement; mid-to-late diastolic murmur	
Mitral regurgitation	<b>Rheumatic heart disease</b> (50% of cases); mitral valve prolapse; hypertrophic cardiomyopathy; papillary muscle dysfunction (secondary to myocardial infarction)	Splitting of S2; <b>S3</b> ; systolic murmur	Arrhythmias; infective endocarditis; dilated left atrium; holosystolic murmur	
Aortic stenosis	Thickening and <b>calcification</b> of valve; bicuspid aortic valves	Delayed pulses; carotid thrill; <b>crescendo-decrescendo systolic ejection murmur</b>	Syncope; angina; death; do not administer $\beta$ -blockers	
Aortic regurgitation	Rheumatic heart disease; syphilitic aortitis; nondissecting aortic aneurysm; Marfan's syndrome	Wide pulse pressure; water-hammer pulse; <b>S3</b> ; <b>blowing, decrescendo diastolic murmur</b>	Left ventricular enlargement; dyspnea; early diastolic murmur	