

**2022 First Aid for the USMLE Step 1**  
**Corrections and Clarifications**  
**July 15, 2022**

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 expected in the 2022 edition.

**Red** signifies specific text to be deleted.

**Green** signifies specific text to be added.

We check every potential errata 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 Team

**CATEGORIES OF UPDATES**

<b>Major Corrections</b>	Factual errors that could interfere with comprehension
<b>Minor Corrections</b>	Less significant errors that may cause confusion
<b>Clarifications</b>	The text is accurate but could be written more clearly, or minor formatting issues (misalignments, indents, etc) that may confuse

## MAJOR CORRECTIONS

Page	Fact Name	Revision
324	<b>Cardiovascular agents and molecular targets</b>	In the illustration, replace the stimulatory <b>positive</b> arrow between PLB and SERCA with an inhibitory <b>negative</b> arrow.
346	<b>Hypothyroidism vs hyperthyroidism</b>	In the Hyperthyroidism column, Ocular row, remove (↑ sympathetic stimulation of <b>levator palpebrae superioris and superior tarsal muscle</b> )
610	<b>Renal tubular defects</b>	In the illustration, highlight the thick ascending loop to indicate that Bartter syndrome occurs in the thick ascending loop.

## MINOR CORRECTIONS

Page	Fact Name	Revision
140	<b><i>Haemophilus influenzae</i></b>	Change <b>Aerosol transmission.</b> to <b>Transmitted through respiratory droplets.</b>
164	<b>RNA viruses</b>	In the Togavirus entry, last column, add <sup>a</sup> after Eastern and Western equine encephalitis to indicate these are arboviruses.
295	<b>Pressure-volume loops and valvular disease</b>	In the Aortic regurgitation illustration, remove the <b>dicrotic notch</b> . Aortic regurgitation is characterized by the loss of the dicrotic notch.
298	<b>Heart murmurs</b>	In the Mitral stenosis entry, change (↓ interval between S1 and OS correlates with ↑ severity) to (↓ interval between S2 and OS correlates with ↑ severity)
330	<b>Ivabradine</b>	In the Clinical use row, remove <b>Chronic stable angina in patients who cannot take β-blockers.</b>
346	<b>Hypothyroidism vs hyperthyroidism</b>	Move the callout for the current image A from the <b>Hypothyroidism</b> column to the <b>Hyperthyroidism</b> column. The image illustrates pretibial myxedema, a sign of Graves disease.
549	<b>Brown-Séquard syndrome</b>	In findings entry #4, change <b>...light</b> (2-point discrimination) touch <b>below</b> level of lesion... to

		...fine (2-point discrimination) touch <b>below</b> level of lesion...
559	<b>Horner syndrome</b>	Under Sympathetic denervation of face, change <ul style="list-style-type: none"> <li>Anhidrosis (absence of sweating) and <b>flushing of</b> affected side of face</li> </ul> to <ul style="list-style-type: none"> <li>Anhidrosis (absence of sweating) and <b>absence of flushing, both on</b> affected side of face</li> </ul>
586	<b>Obsessive-compulsive disorder</b>	Change Obsessions (recurrent intrusive thoughts, <b>feelings</b> , or sensations) that cause severe distress, <b>relieved in part by</b> compulsions ( <b>performance of</b> repetitive, often time-consuming actions). <b>Ego-dystonic: behavior inconsistent with one's beliefs and attitudes (vs obsessive-compulsive personality disorder, ego-syntonic)</b> . Associated with <b>Tourette syndrome</b> . to Obsessions (recurrent intrusive thoughts or sensations that cause severe distress) <b>and/or</b> compulsions (repetitive, often time-consuming actions <b>that may relieve distress</b> ). Associated with <b>tic disorders</b> . <b>Poor insight into beliefs/actions linked to worse outcomes</b> .
623	<b>Kidney stones</b>	In the Calcium oxalate: hypocitraturia row, Notes column, change (associated with ↓ pH) to (usually associated with ↓ pH)

**CLARIFICATIONS**

Page	Fact Name	Revision
697	<b>Mediastinal pathology</b>	In the Mediastinal masses entry, remove <ul style="list-style-type: none"> <li>Middle—<b>esophageal carcinoma</b>, metastases...</li> </ul> Add <ul style="list-style-type: none"> <li>Posterior—<b>esophageal carcinoma (may present as mass in, or spread to, middle mediastinum)</b>, neurogenic tumor...</li> </ul>