

FIRST AID for the Basic Sciences: Organ Systems, 2nd ed.
Official Updates, Corrections, and Clarifications
Updated February 25, 2015

Despite our best efforts, errors do occur during the revision. If you see a verifiable error not on this list, please report it to our blog at www.firstaidteam.com. If you are the first to report the error, you will receive a **\$10 gift certificate**. In order to identify and correct every possible error, we review every single submission, as well as search other websites and blogs that claim to have a comprehensive listing of errors in *FIRST AID for the Basic Sciences: Organ Systems, 2nd ed.* If you find that our material conflicts with a source that you're reviewing, please point us toward it with a corroborating reference. As always, we will check every submission against **primary** references to ensure the most accurate, high-yield study guide available. If you submitted an erratum and it does not appear in an update, then either it does not agree with the primary literature in the field or we consider it a detail beyond the scope of the book.

Please note that we will not list simple typos or, unless egregious, omitted material; our goal is to provide a high-yield framework for studying and not a comprehensive textbook. The list below reflects content errors and typos that may create confusion that were submitted before February 1, 2015. As always, updates are available at www.firstaidteam.com. Good luck with your studies!

–The Basic Sciences Team

Chapter	Page #	Correction/Clarification
Cardiovascular	18	In the conduction velocity row in Table 1-7, the value for slow pacemaker action potential should read "0.01–0.10 m/sec" and the value for fast action potential should read "0.3–3.0 m/sec."
Cardiovascular	28	(1) In the LV pressure paragraph, the first sentence should read "In diastole, during LV filling, PLV equals PLA until the AoV opens." (2) In the LV pressure paragraph, the second sentence should read "During isovolumetric contraction, PLV rises dramatically until it exceeds aortic pressure (PAO), and then the MV closes to initiate systole."
Cardiovascular	30	Figure 1-25 is drawn incorrectly and should show P2 before A2.
Cardiovascular	40	In the Mobitz type II (Hay) paragraph, "Dropped beats (QRS intervals) not proceeded" should read "Dropped beats (QRS intervals) not preceded."
Cardiovascular	65	In the Flash Back, "Tuberous sclerosis in an autosomal dominant disorder" should read "Tuberous sclerosis is an autosomal dominant disorder...."
Cardiovascular	106	In Table 2-3, "Glucagwon" should be "Glucagon."
Endocrine	112	In Figure 2-5, the arrow next to "glucose and AA uptake" under "Muscle" should point downward.
Endocrine	149	In the first bullet point, "11-Deoxycorticosterone" should read "11-Deoxycortisol."
Gastrointestinal	168	In the first sentence under Omphalocele, "...fifth week of embryonic development" should read "...tenth week of embryonic development."
Gastrointestinal	212	In Table 3-13: (1) In the Leukoplakia row, the entry in the Presentation column should read "White patches or plaques on oral mucosa that cannot be scraped off." (2) In the Oral candidiasis (thrush) row, the entry in the Presentation column should read "White plaques that can be easily scraped off."
Gastrointestinal	216	The last bullet point under Achalasia should read "In achalasia, the narrowed portion of the esophagus has a lower density of ganglion cells than normal, but the upstream, dilated region is structurally normal."

Chapter	Page #	Correction/Clarification
Gastrointestinal	233	In Table 3-18 “C difficile” should also be listed in the Causes of Watery Diarrhea column.
Hematology and Oncology	276	In Table 4-5 the entire ninth row should be deleted.
Neurology	420	In Figure 6-10 part B, “Foramen of Magendie = Media” should read “Foramen of Magendie = Medial.”
Neurology	481	In Table 6-24, in the second paragraph listed in the Etiology column, in the Parenchymal section, the first sentence should read, “...causing Charcot-Bouchard microaneurysm....”
Neurology	486	In Table 6-26, the Prognosis/Treatment column of the Werdnig-Hoffman disease row, “Median age of death 7 years...” should read “Median age of death 7 months....”
Psychiatry	547	In the last sentence under DSM-IV-TR Diagnostic Criteria, “Patients with quiet dementia...” should read “Patients with quiet delirium....”
Renal	603	In Figure 8-12, the Volume Contraction – Diarrhea section should have a line dividing ECF and ICF.
Renal	605	In the figure legend for Figure 8-13, “4, pedicles” should read “4, podocytes.”
Renal	614	In Figure 8-18, insert “Cl ⁻ ” on the left side of the arrow below Na ⁺ and K ⁺ .
Reproductive	674	In Figure 9-3, “Uterus, Fallopian tubes, cervix, upper 1/3 vagina” should read, “Uterus, Fallopian tubes, cervix, upper 2/3 vagina”. And “Labia, lower 2/3 vagina” should read “Labia, lower 1/3 vagina.”
Respiratory	785	In the fifth bullet point under Hemoglobin, “O ₂ content... = (0.0031 mL/mm Hg O ₂ x PaO ₂)” should read “O ₂ content... + (0.0031 mL/mm Hg O ₂ x PaO ₂).”
Respiratory	804	In the second bullet point under Extrapulmonary Restrictive Disease, the last sentence, “...eg, following <i>Clostridium jejuni</i> gastroenteritis” should read, “... eg, following <i>Campylobacter jejuni</i> gastroenteritis.”