

## SECTION IV

# Top-Rated Review Resources

*“Some books are to be tasted, others to be swallowed, and some few to be chewed and digested.”*

—Sir Francis Bacon

*“Always read something that will make you look good if you die in the middle of it.”*

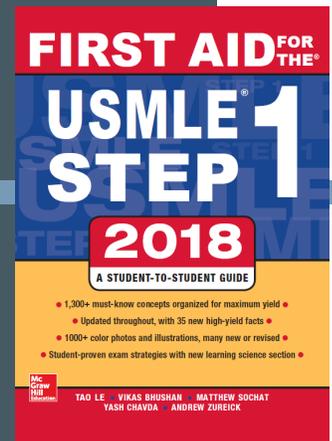
—P.J. O’Rourke

*“So many books, so little time.”*

—Frank Zappa

*“If one cannot enjoy reading a book over and over again, there is no use in reading it at all.”*

—Oscar Wilde



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## ▶ HOW TO USE THE DATABASE

This section is a database of top-rated basic science review books, sample examination books, websites, apps, and commercial review courses that have been marketed to medical students studying for the USMLE Step 1. At the end of the section is a list of publishers and independent bookstores with addresses and phone numbers. For each recommended resource, we list (where applicable) the **Title**, the **First Author** (or editor), the **Series Name** (where applicable), the **Current Publisher**, the **Copyright Year**, the **Number of Pages**, the **ISBN**, the **Approximate List Price**, the **Format** of the resource, and the **Number of Test Questions**. We also include **Summary Comments** that describe their style and overall utility for studying. Finally, each recommended resource receives a **Rating**. Within each section, resources are arranged first by Rating and then alphabetically by the first author within each Rating group.

A letter rating scale with six different grades reflects the detailed student evaluations for **Rated Resources**. Each rated resource receives a rating as follows:

A+	Excellent for boards review.
A A-	Very good for boards review; choose among the group.
B+ B	Good, but use only after exhausting better resources.
B-	Fair, but there are many better resources in the discipline; or low-yield subject material.

The Rating is meant to reflect the overall usefulness of the resource in helping medical students prepare for the USMLE Step 1. This is based on a number of factors, including:

- The cost
- The readability of the text
- The appropriateness and accuracy of the material
- The quality and number of sample questions
- The quality of written answers to sample questions
- The quality and appropriateness of the images and illustrations
- The quality of the user interface and learning experience, for web and mobile apps
- The length of the text (longer is not necessarily better)
- The quality and number of other resources available in the same discipline
- The importance of the discipline for the USMLE Step 1

Please note that ratings do not reflect the quality of the resources for purposes other than reviewing for the USMLE Step 1. Many books with

lower ratings are well written and informative but are not ideal for boards preparation. We have not listed or commented on general textbooks available in the basic sciences.

Evaluations are based on the cumulative results of formal and informal surveys of thousands of medical students at many medical schools across the country. The summary comments and overall ratings represent a consensus opinion, but there may have been a broad range of opinion or limited student feedback on any particular resource.

Please note that the data listed are subject to change in that:

- Publisher and app store prices change frequently.
- Retail and online bookstores may set their own prices.
- New editions and app versions come out frequently, and the quality of updating varies.
- The same book may be reissued through another publisher.

We actively encourage medical students and faculty to submit their opinions and ratings of these basic science review materials so that we may update our database. In addition, we ask that publishers and authors submit for evaluation review copies of basic science review books, including new editions and books not included in our database. We also solicit reviews of new books, mobile apps, websites, flash cards, and commercial review courses.

#### **Disclaimer/Conflict of Interest Statement**

None of the ratings reflects the opinion or influence of the publisher. All errors and omissions will gladly be corrected if brought to the attention of the authors through our blog at [www.firstaidteam.com](http://www.firstaidteam.com). Please note that USMLE-Rx and the entire *First Aid for the USMLE* series are publications by the senior authors of *First Aid for the USMLE Step 1*; the following ratings are based solely on recommendations from the student authors of *First Aid for the USMLE Step 1* as well as data from the student survey and feedback forms.

## ▶ QUESTION BANKS

**A<sup>+</sup>*****UWorld Qbank***

UWORLD

[www.uworld.com](http://www.uworld.com)**\$169–\$599** Test/2400 q

Questions demand multistep reasoning and are often more difficult than those on the actual exam. Offers detailed explanations with figures and tables. Features a number of test customization and analysis options. The program does not allow other application windows to be open for reference. Users can see cumulative results both over time and compared to other test takers. In addition to a desktop version, it can be accessed through iOS or Android mobile apps.

**A*****NBME Practice Exams***

NATIONAL BOARD OF MEDICAL EXAMINERS

<https://nsas.nbme.org/home>**\$60** Test/200 q

The official practice exams put out by the NBME are comprised of retired Step 1 questions. NBME research found that they show a “moderate correlation” with actual Step 1 performance. The exams will show you which questions you answered incorrectly, but they will not show any explanations. You will also not be able to review correctly-answered questions. Students generally use these as rough gauges of their score progression over their study time. Note that you can sign up to for an in-person practice exam for an additional \$75 (different from the online NBME exams) to be taken at Prometric, for students who want to practice the logistics of exam day.

**A<sup>-</sup>*****USMLE-Rx Qmax***

USMLE-Rx

[www.usmle-rx.com](http://www.usmle-rx.com)**\$99–\$299** Test/2300 q

Offers Step 1–style questions accompanied by thorough explanations. Omits obscure material and distills high yield information. Each explanation includes references from *First Aid*. However, the proportion of questions covering a given subject area does not always reflect the actual exam’s relative emphasis. Question stems occasionally rely on “buzzwords.” Most useful to help memorize *First Aid* facts. Provides detailed performance analyses. In addition to a desktop version, it can be accessed through iOS or Android mobile apps.

**B<sup>+</sup>*****Kaplan Qbank***

KAPLAN

[www.kaptest.com](http://www.kaptest.com)**\$99–\$299** Test/2200 q

Covers most content found on Step 1, but sometimes emphasizes recall of low yield details rather than integrative problem-solving skills. Test content and performance feedback can be organized by both organ system and discipline. Includes detailed explanations of all answer choices. Users can see cumulative results both over time and compared to other test takers. In addition to a desktop version, it can be accessed through iOS or Android mobile apps.

## ▶ QUESTION BOOKS

**B+*****First Aid Q&A for the USMLE Step 1*****\$46.00** Test/1000 q

LE

McGraw-Hill, 2012, 784 pages, ISBN 9780071744027

Questions are drawn from the USMLE-Rx Step 1 Qmax test bank, organized according to subject. Also features one full-length exam of 336 questions. Questions are easier than those found on Step 1, but provide representative coverage of the concepts typically tested. Includes brief but adequate explanations of both correct and incorrect answer choices.

**B*****Kaplan USMLE Step 1 Qbook*****\$49.99** Test/850 q

KAPLAN

Kaplan, 2015, 456 pages, ISBN 9781625232632

Consists of over 850 exam-like questions organized by the traditional basic science disciplines. Similar to the Kaplan Qbank, and offers USMLE-style questions with clear, detailed explanations; however, lacks classic images typically seen on the exam. Also includes access to a sample online question bank and a guide on test-taking strategies.

## ▶ WEB AND MOBILE APPS

<b>A</b>	<p><b>SketchyMedical</b> www.SketchyMedical.com</p> <p>Video library of narrated lectures with thorough explanations that present microbiology and pharmacology in a memorable style. Access to the entire gram-positive cocci chapter is free at signup. To access additional content, the site offers subscriptions for 6 month or 1 year.</p>	<b>\$169–\$249</b> Review
<b>A–</b>	<p><b>Anki</b> www.ankisrs.net</p> <p>Flash card–making resource designed for retention of facts through spaced repetition. Although this program provides free access for Windows, Mac, and Android smartphones, the iOS app is not free. Available in different languages.</p>	<b>Free/\$24.99</b> Flash cards
<b>A–</b>	<p><b>Boards and Beyond</b> https://www.boardsbeyond.com</p> <p>Includes 402 videos averaging ~26 minutes each, covering the breadth of Step 1 material. Membership includes access to the companion books as PDFs. 27 videos are offered as free samples on the website.</p>	<b>\$89–\$149</b> Review
<b>A–</b>	<p><b>Cram Fighter</b> www.cramfighter.com</p> <p>Helps organize a study schedule. Highly flexible with customizable settings. Supports more than 650 of the most popular books, video lectures, question banks, and flash cards. Mobile apps available for iOS and Android.</p>	<b>\$29–\$99</b> Study plan
<b>A–</b>	<p><b>First Aid Step 1 Express</b> www.usmle-rx.com</p> <p>More than 80 hours of high-yield videos explaining material from <i>First Aid for the USMLE Step 1</i>. Videos include more than 600 extra images and multimedia clips. Step-by-step analysis of USMLE-style questions with each video. Subscription includes a 200+-page color workbook.</p>	<b>\$99–\$299</b> Review/Test
<b>A–</b>	<p><b>First Aid Step 1 Flash Facts</b> https://www.usmle-rx.com</p> <p>Access to 9000+ flash cards integrated with <i>First Aid for the USMLE Step 1</i>. Updated each year to reflect the newest edition of the book; students can access 3 editions' worth of flash cards. Searchable by organ system, discipline, and topic.</p>	<b>\$49–\$149</b> Flash cards
<b>A–</b>	<p><b>Physeo</b> www.physeo.com</p> <p>Online review containing 32 hours of review videos covering physiology. Accessible via website or mobile app. Includes a supplemental full-color PDF textbook. Videos are concise and focus on high-yield material, and board-style practice questions are included after each topic to help solidify understanding. Similar structure to Pathoma, but with physiology focus.</p>	<b>\$87–\$110</b> Review

<b>A<sup>-</sup></b>	<b><i>WebPath: The Internet Pathology Laboratory</i></b> <a href="http://library.med.utah.edu/WebPath/webpath.html">http://library.med.utah.edu/WebPath/webpath.html</a>	<b>Free</b> Review/ Test/1300 q
<p>Features more than 2700 gross and microscopic images, clinical vignette questions, and case studies. Includes nine general pathology exams and 11 system-based pathology exams with approximately 1300 questions. Also features 170 questions associated with images. Questions are useful for reviewing boards content but are typically untimed, easier, and shorter. No multimedia practice questions. Not regularly updated with regards to high-yield Step 1 material.</p>		
<b>B<sup>+</sup></b>	<b><i>Dr. Najeeb Lectures</i></b> <a href="http://www.drnajeeblectures.com">www.drnajeeblectures.com</a>	<b>\$49–\$199</b> Review
<p>400+ hours of video lectures with thousands of hand-drawn illustrations and mnemonics. Website provides mobile video support on smartphones and tablets. Free lectures accessible at <a href="http://www.drnajeeblectures.com/free-medical-videos.html">www.drnajeeblectures.com/free-medical-videos.html</a>.</p>		
<b>B<sup>+</sup></b>	<b><i>Firecracker</i></b> <b>FIRECRACKER INC.</b> <a href="http://www.firecracker.me">www.firecracker.me</a>	<b>\$100–\$400</b> Review/ Test/1500 q
<p>Learning platform divided into modules. The Step 1 module is divided into organ systems and includes review of preclinical lecture material, periodic quizzes on flagged reviewed material, and USMLE-style questions in interface simulating real exam. Contains page references to <i>First Aid for the USMLE Step 1</i> and high-yield diagrams from assorted textbooks. Users can grade how well they remember the quiz answers (1–5), which allows the program to customize future quizzes. Features detailed performance analysis and a calendar for personalized study plans. Can be accessed on all smartphones and tablets. Comprehensive, best if started early in preclinical years.</p>		
<b>B<sup>+</sup></b>	<b><i>Medical School Pathology</i></b> <a href="http://www.medicalschoolpathology.com">www.medicalschoolpathology.com</a>	<b>Free</b> Review
<p>Offers lectures and slides based on the Robbins <i>Pathology</i> textbook. Lectures can be downloaded.</p>		
<b>B<sup>+</sup></b>	<b><i>Osmosis</i></b> <a href="http://www.osmosis.org">www.osmosis.org</a>	<b>\$31–\$599</b> Test
<p>Provides access to clinical questions for Step 1 practice; more than 200 free questions available at signup. Supplemental content available for download at additional cost in the form of “packs,” which include additional questions, images, and free YouTube videos with animations, hand-drawn tutorials, patient stories, and documentaries.</p>		
<b>B<sup>+</sup></b>	<b><i>The Whole Brain Atlas</i></b> <b>JOHNSON</b> <a href="http://www.med.harvard.edu/aanlib/">www.med.harvard.edu/aanlib/</a>	<b>Free</b> Review
<p>A collection of brain MR and CT images with views of normal and diseased brains. Complex interface, and many images lack explanations. Subject matter is specific, limiting its use as a boards review study tool. Useful adjunct to classes and clerkships.</p>		

<b>B+</b>	<b><i>USMLE Step 1 Mastery</i></b> <a href="http://usmle.usmlemastery.com">usmle.usmlemastery.com</a>	<b>\$49</b> Test/1400 q
<p>Affordable question bank accessible through website or via free mobile app. Covers all USMLE topics and includes vignettes, images, and mnemonics. Question formatting is generally less representative of actual test questions compared to other widely used question banks. Mobile app contains supplemental flash cards for integrated learning.</p>		
<b>B</b>	<b><i>Blue Histology</i></b> <a href="http://www.lab.anhb.uwa.edu.au/mb140">www.lab.anhb.uwa.edu.au/mb140</a>	<b>Free</b> Review/Test
<p>Provides access to 400+ histologic images with thorough explanations. Images searchable by topic, stain, keyword. Website also contains multiple choice practice questions.</p>		
<b>B</b>	<b><i>Digital Anatomist Project: Interactive Atlases</i></b> UNIVERSITY OF WASHINGTON <a href="http://www9.biostr.washington.edu/da.html">www9.biostr.washington.edu/da.html</a>	<b>Free</b> Review
<p>Contains an interactive neuroanatomy course along with a three-dimensional atlas of the brain, thorax, and knee. Atlases have computer-generated images and cadaver sections. Each atlas also has a quiz in which users identify structures in the slide images. However, questions do not focus on high-yield anatomy for Step 1.</p>		
<b>B</b>	<b><i>Memorang</i></b> MEMORANG INC. <a href="http://www.memorangapp.com">www.memorangapp.com</a>	<b>Free/\$99</b> Flash cards
<p>Platform utilizing spaced repetition, available both in website and app form. Utilizes custom and/or premade flash card “study sets” that focus on specific subject areas, which are then tested via various games and quizzing methods. Although free, it is necessary to pay a fee to access some content, such as the \$99 Step 1 study set with 12,000 flash cards. Discounts are available in some cases, eg, when signing up as part of a group.</p>		
<b>B</b>	<b><i>The Pathology Guy</i></b> FRIEDLANDER <a href="http://www.pathguy.com">www.pathguy.com</a>	<b>Free</b> Review
<p>Contains extensive but poorly organized information on a variety of fundamental concepts in pathology. A high-yield summary intended for USMLE review can be found at <a href="http://www.pathguy.com/meltdown.txt">www.pathguy.com/meltdown.txt</a>, but the information given is limited by a lack of images and frequent digressions.</p>		
<b>B</b>	<b><i>Picmonic</i></b> <a href="http://www.picmonic.com">www.picmonic.com</a>	<b>\$24–\$480</b> Review
<p>Helpful resource for visual learners. Unique images and stories that cover biochemistry, pharmacology, microbiology, anatomy, and physiology.</p>		
<b>B</b>	<b><i>Radiopaedia.org</i></b> <a href="http://www.radiopaedia.org">www.radiopaedia.org</a>	<b>Free</b> Cases/Test
<p>A user-friendly website with thousands of well-organized radiology cases and articles. Encyclopedia entries contain high-yield bullet points of anatomy and pathology. Images contain detailed descriptions but no arrows to demarcate findings. Quiz mode allows students to make a diagnosis based on radiographic findings. Content may be too broad for boards review but is a good complement to classes and clerkships.</p>		

## ▶ COMPREHENSIVE

<b>A-</b>	<b><i>First Aid for the Basic Sciences: General Principles</i></b> <b>LE</b> McGraw-Hill, 2011, 576 pages, ISBN 9780071743884	<b>\$75.00</b> Review
<p>Comprehensive review of the basic sciences covered in year 1 of medical school. Similar to the first part of <i>First Aid</i>, organized by discipline, and includes hundreds of full-color images and tables. Best if started with first-year coursework and then used as a reference during boards preparation.</p>		
<b>A-</b>	<b><i>First Aid for the Basic Sciences: Organ Systems</i></b> <b>LE</b> McGraw-Hill, 2011, 880 pages, ISBN 9780071743952	<b>\$99.00</b> Review
<p>A comprehensive review of the basic sciences covered in year 2 of medical school. Similar to the second part of <i>First Aid</i>, organized by organ system, and includes hundreds of full-color images and tables. Best if started with second-year coursework and then used as a reference during boards preparation. Each organ system contains discussion of embryology and anatomy, physiology, pathology, pharmacology, and a high-yield rapid review section.</p>		
<b>A-</b>	<b><i>First Aid Cases for the USMLE Step 1</i></b> <b>LE</b> McGraw-Hill, 2012, 448 pages, ISBN 9780071743976	<b>\$50.00</b> Cases
<p>A series of more than 400 high-yield cases divided into sections by organ system. Each case features a paragraph-long clinical vignette with relevant images, followed by questions and short, high-yield explanations. Offers coverage of many frequently tested concepts, and integrates subject matter in the discussion of a single vignette. Helpful in reviewing material outlined in <i>First Aid for the USMLE Step 1</i>.</p>		
<b>A-</b>	<b><i>Crush Step 1: The Ultimate USMLE Step 1 Review</i></b> <b>O'CONNELL</b> Elsevier, 2013, 680 pages, ISBN 9781455756216	<b>\$41.95</b> Review
<p>Detailed, text-heavy review book with practice questions included. Coverage of many high-yield topics but includes outdated information due to lack of updated editions. Best if used with coursework, but also recommended as a supplemental reference for boards review. Limited student feedback.</p>		
<b>B+</b>	<b><i>USMLE Step 1 Secrets in Color</i></b> <b>BROWN</b> Elsevier, 2016, 800 pages, ISBN 9780323396790	<b>\$42.99</b> Review
<p>Clarifies difficult concepts in a concise, readable manner. Employs a case-based format and integrates information well. High-quality clinical images. Complements other boards study resources, with a focus on understanding preclinical fundamentals rather than on rote memorization. Slightly lengthy for last-minute studying.</p>		

<b>B+</b>	<p><b><i>Step-Up to USMLE Step 1 2015</i></b> JENKINS Lippincott Williams &amp; Wilkins, 2014, 528 pages, ISBN 9781469894690</p> <p>An organ system–based review text with clinical vignettes that is useful for integrating the basic sciences covered on Step 1. Composed primarily of outlines, charts, tables, and diagrams. Limited scope of material covered. Includes access to a sample online question bank.</p>	<b>\$54.99</b>	Review
<b>B+</b>	<p><b><i>medEssentials for the USMLE Step 1</i></b> MANLEY Kaplan, 2012, 588 pages, ISBN 9781609780265</p> <p>A comprehensive review divided into general principles and organ systems, organized using high-yield tables and figures. Helpful for visual learners, but can be overly detailed and time consuming. Includes color images in the back along with a monthly subscription to online interactive exercises, although these are of limited value for Step 1 preparation. Comes with a free mobile version.</p>	<b>\$54.99</b>	Review
<b>B+</b>	<p><b><i>Cracking the USMLE Step 1</i></b> PRINCETON REVIEW Princeton Review, 2013, 832 pages, ISBN 9780307945068</p> <p>Comprehensive review book with hundreds of illustrations, charts, and diagrams along with 2 full-length practice tests with detailed answer explanations available online. Limited student feedback.</p>	<b>\$44.99</b>	Review
<b>B+</b>	<p><b><i>USMLE Images for the Boards: A Comprehensive Image-Based Review</i></b> TULLY Elsevier, 2012, 296 pages, ISBN 9781455709038</p> <p>Contains more than 300 full-color medical images of content likely to be tested on the USMLE Step 1. Covers a wide variety of images including ECGs and radiological studies. Some images may be low yield for boards studying purposes, but still excellent as a supplement to preclinical courses.</p>	<b>\$42.95</b>	Review
<b>B</b>	<p><b><i>Déjà Review: USMLE Step 1</i></b> NAHEEDY McGraw-Hill, 2010, 416 pages, ISBN 9780071627184</p> <p>Lightweight, flash card-format review book with clinical vignettes included. Efficient coverage of many high-yield topics, but includes typos and errata due to lack of updated editions. Best if used as a supplemental reference for rapid review during boards studying.</p>	<b>\$25.00</b>	Review
<b>B–</b>	<p><b><i>USMLE Step 1 Made Ridiculously Simple</i></b> CARL MedMaster, 2015, 416 pages, ISBN 9781935660224</p> <p>Concise, succinct text. Online access to more than 100 practice questions. Uses a table and chart format organized by subject, but some charts are poorly labeled. Consider as an adjunct to more comprehensive sources.</p>	<b>\$29.95</b>	Review/Test 100 q

## ▶ ANATOMY, EMBRYOLOGY, AND NEUROSCIENCE

<b>A-</b>	<p><b><i>Clinical Anatomy Made Ridiculously Simple</i></b> GOLDBERG MedMaster, 2012, 175 pages, ISBN 9780940780972</p> <p>An easy-to-read text offering simple diagrams along with numerous mnemonics, helpful charts, and amusing associations. The humorous style has variable appeal to students, so browse the content before purchasing. Offers good coverage of selected topics. Includes CD atlas of normal radiographic anatomy. Best if used during coursework. Includes more detail than typically tested on Step 1.</p>	<b>\$29.95</b>	Review
<b>B+</b>	<p><b><i>BRS Embryology</i></b> DUDEK Lippincott Williams &amp; Wilkins, 2014, 336 pages, ISBN 9781451190380</p> <p>An outline-based review of embryology that is typical of the BRS series. Offers a good review and includes much more detail than is required for Step 1. A discussion of congenital malformations is included at the end of each chapter, along with over 220 USMLE-style questions with answers and explanations. The comprehensive exam at the end of the book is high yield. Access to a searchable online text on the free companion website, which also features interactive quizzing.</p>	<b>\$52.99</b>	Review/ Test/220 q
<b>B+</b>	<p><b><i>High-Yield Embryology</i></b> DUDEK Lippincott Williams &amp; Wilkins, 2013, 176 pages, ISBN 9781451176100</p> <p>A concise review of a relatively less-tested subject. Offers excellent organization with clinical correlations. Includes a high-yield list of embryologic tissue origins and USMLE-style case studies after each chapter. May not be suitable for dedicated Step 1 studying.</p>	<b>\$39.99</b>	Review
<b>B+</b>	<p><b><i>High-Yield Gross Anatomy</i></b> DUDEK Lippincott Williams &amp; Wilkins, 2014, 320 pages, ISBN 9781451190236</p> <p>A good review of gross anatomy with some clinical correlations. Contains full-color clinical photos and well-labeled, high-yield radiographic images, but often goes into excessive detail that is beyond the scope of the boards.</p>	<b>\$39.99</b>	Review
<b>B+</b>	<p><b><i>High-Yield Neuroanatomy</i></b> FIX Lippincott Williams &amp; Wilkins, 2015, 208 pages, ISBN 9781451193435</p> <p>An easy-to-read, straightforward format with excellent diagrams and illustrations. Features a useful atlas of brain and spinal cord images, a glossary of important terms, an appendicized table of neurologic lesions. Overall, a great resource and quick read, but more detailed than what is required for Step 1.</p>	<b>\$37.99</b>	Review/ Test/50 q
<b>B+</b>	<p><b><i>Anatomy—An Essential Textbook</i></b> GILROY Thieme, 2013, 504 pages, ISBN 9781604062076</p> <p>A thorough, visually appealing approach to learning anatomy. Contains over 450 colorful, helpful illustrations. Presents material in bullet-point format and tables. Includes over 160 clinical correlates and 400 USMLE-style questions, with the opportunity to complete practice questions online.</p>	<b>\$44.99</b>	Text/ Test/400 q

<b>B+</b>	<p><b><i>Atlas of Anatomy</i></b> GILROY Thieme, 2016, 760 pages, ISBN 9781626232525</p>	<b>\$82.99</b>	Text
<p>A good atlas with more than 2200 high-quality, uncluttered illustrations. Includes clinical correlates and a brief introduction to new topics. Has over 170 tables summarizing key anatomic information. Radiographs, MRIs, CT scans, and endoscopic views of the organs also included. Best if used as a reference or supplement to coursework. Access to accompanying website with more than 500 illustrations, label on/off function, and timed self-tests also provided.</p>			
<b>B+</b>	<p><b><i>Clinical Neuroanatomy Made Ridiculously Simple</i></b> GOLDBERG MedMaster, 2014, 90 pages + CD-ROM, ISBN 9781935660194</p>	<b>\$25.95</b>	Review/Test/ Few q
<p>An easy-to-read, memorable, and simplified format with clever diagrams. Offers a quick, high-yield review of clinical neuroanatomy, but does not serve as a comprehensive resource for boards review. Places appropriate emphasis on clinically relevant pathways, cranial nerves, and neurologic diseases. Includes a CD-ROM with CT and MR images, a tutorial on neurologic localization, and interactive quizzes covering classic neurology cases.</p>			
<b>B+</b>	<p><b><i>Crash Course: Anatomy</i></b> STENHOUSE Elsevier, 2015, 288 pages, ISBN 9780723438540</p>	<b>\$44.99</b>	Review
<p>Part of the Crash Course review series for basic sciences, integrating clinical topics. Offers two-color illustrations, handy study tools, and Step 1 review questions. Contains an up-to-date self-assessment section. Provides a solid review of anatomy for Step 1. Best if started early.</p>			
<b>B</b>	<p><b><i>Anatomy Flash Cards: Anatomy on the Go</i></b> GILROY Thieme, 2013, 565 flash cards, ISBN 9781604069105</p>	<b>\$59.99</b>	Flash cards
<p>Flash card deck containing high-quality illustrations and a question/answer format that allows for self-testing. Occasional radiographic image. Best if used with coursework; too long for efficient boards preparation.</p>			
<b>B</b>	<p><b><i>PreTest Neuroscience</i></b> SIEGEL McGraw-Hill, 2013, 412 pages, ISBN 9781259072352</p>	<b>\$39.00</b>	Test/500 q
<p>A high-yield introduction followed by 500 questions with detailed explanations. The question format has been improved to be more in-line with USMLE Step 1 questions. Contains images, of which majority are in full color.</p>			
<b>B-</b>	<p><b><i>Netter's Anatomy Flash Cards</i></b> HANSEN Saunders, 2014, 674 flash cards, ISBN 9780323185950</p>	<b>\$39.95</b>	Flash cards
<p>Netter's illustrations in a question/answer column format that allows for self-testing. Each card includes commentary on the structures with a clinical correlation. More effective as a supplement to coursework, but much too detailed for boards preparation. Lack of embryology correlates limits Step 1 usefulness. Includes online access with additional bonus cards and more than 300 multiple choice questions. Note: an available iOS application has a similar cost and additional functionality.</p>			

<b>B-</b>	<b><i>Case Files: Anatomy</i></b> TOY McGraw-Hill, 2014, 416 pages, ISBN 9780071794862	<b>\$35.00</b> Cases
Review text that includes 58 well-chosen cases with discussion, comprehension questions, and a box of take-home pearls. Tables are helpful, but schematics are black and white and not representative of Step 1. A reasonable book to work through for those who benefit from problem-based learning.		
<b>B-</b>	<b><i>Case Files: Neuroscience</i></b> TOY McGraw-Hill, 2014, 432 pages, ISBN 9780071790253	<b>\$35.00</b> Cases
Similar to other <i>Case Files</i> books, it includes 49 clinical cases with lengthy discussion and 3–5 multiple choice questions at the end of each case. Cases are helpful, but the discussion is too lengthy. Questions are not the most representative of those seen on boards. Limited student feedback.		

## ▶ BEHAVIORAL SCIENCE

<b>A<sup>-</sup></b>	<p><b><i>BRS Behavioral Science</i></b> FADEM Lippincott Williams &amp; Wilkins, 2016, 384 pages, ISBN 9781496310477</p>	<b>\$51.99</b>	Review/ Test/700 q
<p>An easy-to-read outline-format review of behavioral science. Offers detailed coverage of essential topics, but at a level of depth that often exceeds what is tested on Step 1. Incorporates tables and charts as well as a short but complete statistics chapter. Features more than 700 review questions, including a 100-question comprehensive exam. References DSM-IV-TR criteria.</p>			
<b>A<sup>-</sup></b>	<p><b><i>High-Yield Behavioral Science</i></b> FADEM Lippincott Williams &amp; Wilkins, 2012, 144 pages, ISBN 9781451130300</p>	<b>\$37.99</b>	Review
<p>A concise yet comprehensive review of behavioral science for Step 1. Offers a logical presentation with charts, graphs, and tables, but lacks questions. Features brief but adequate coverage of statistics. Overall, a high-yield resource at low cost. References DSM-IV-TR criteria.</p>			
<b>A<sup>-</sup></b>	<p><b><i>Clinical Biostatistics and Epidemiology Made Ridiculously Simple</i></b> WEAVER MedMaster, 2011, 104 pages, ISBN 9781935660026</p>	<b>\$22.95</b>	Review
<p>An easy-to-read summary of all high-yield biostatistics and epidemiology. Contains highly relevant clinical examples and diagrams to enhance learning. A good supplement for preclinical courses or boards studying.</p>			
<b>B<sup>+</sup></b>	<p><b><i>USMLE Medical Ethics</i></b> FISCHER Kaplan, 2012, 216 pages, ISBN 9781607149040</p>	<b>Variable</b>	Cases
<p>Includes 100 vignettes, each followed by a single question with a detailed explanation. Also offers tips on how Step 1 requires test takers to think about ethics and medicolegal questions. Best suited as a reference for coursework given amount of detail covered.</p>			
<b>B<sup>+</sup></b>	<p><b><i>High-Yield Biostatistics, Epidemiology, and Public Health</i></b> GLASER Lippincott Williams &amp; Wilkins, 2013, 168 pages, ISBN 9781451130171</p>	<b>\$42.99</b>	Review
<p>A well-written, easy-to-read text that offers extensive coverage of epidemiology and biostatistics. Includes helpful review questions and tables, but somewhat lengthy given the low-yield nature of this subject on Step 1.</p>			
<b>B<sup>+</sup></b>	<p><b><i>Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health</i></b> KATZ Saunders, 2013, 420 pages, ISBN 9781455706587</p>	<b>\$59.95</b>	Review/ Test/477 q
<p>A comprehensive review of the behavioral sciences to supplement preclinical coursework or boards studying. Strongest areas are biostatics and epidemiology. Emphasis on being succinct and teaching to high-yield points. May not cover all material tested on the boards. In-book questions were removed, but may be accessible online.</p>			

## ▶ BIOCHEMISTRY

<b>B+</b>	<p><i>Lippincott's Illustrated Reviews: Biochemistry</i> FERRIER Lippincott Williams &amp; Wilkins, 2013, 560 pages, ISBN 9781451175622</p> <p>An integrative and comprehensive review of biochemistry that includes good clinical correlations and effective color diagrams. Extremely detailed and requires significant time commitment, so it should be started with first-year coursework. High-yield summaries at the end of each chapter. Comes with access to the companion website, which includes over 500 USMLE-style questions.</p>	<b>\$75.99</b>	Review/ Test/500 q
<b>B+</b>	<p><i>Medical Biochemistry—An Illustrated Review</i> PANINI Thieme, 2013, 441 pages, ISBN 9781604063165</p> <p>A comprehensive medical biochemistry study guide with an emphasis on images. Very detailed and may be better as a supplement to preclinical courses than as a review resource for the USMLE Step 1. Images and diagrams are helpful for solidifying knowledge. Online access available for additional content, including 400 USMLE-style practice questions.</p>	<b>\$39.99</b>	Review/ Test/400 q
<b>B+</b>	<p><i>Rapid Review: Biochemistry</i> PELLEY Elsevier, 2010, 208 pages, ISBN 9780323068871</p> <p>A review of basic topics in biochemistry. Presented in outline format, but often goes beyond the level of detail tested on Step 1. High-yield disease correlation boxes are especially useful. Excellent tables, helpful figures, and mnemonics are included throughout the text. Best if used as a reference to clarify topics. Offers 350 questions online.</p>	<b>\$42.95</b>	Review/ Test/350 q
<b>B+</b>	<p><i>PreTest Biochemistry and Genetics</i> WILSON McGraw-Hill, 2013, 592 pages, ISBN 9780071791441</p> <p>500 questions with detailed, well-referenced explanations. Features a high-yield introduction and appendix, but may be overly detailed in some cases. A solid supplement to preclinical courses and board studying.</p>	<b>\$38.00</b>	Test/500 q
<b>B</b>	<p><i>Lange Flash Cards Biochemistry and Genetics</i> BARON McGraw-Hill, 2013, 184 flash cards, ISBN 9780071765800</p> <p>Flash card deck featuring clinical vignettes on one side and concise discussions on the other. Each section contains 2–3 cards on biochemistry principles. High level of detail may make this less ideal for dedicated boards studying. Note that no carrying case for the cards is included.</p>	<b>\$40.00</b>	Flash cards
<b>B</b>	<p><i>Clinical Biochemistry Made Ridiculously Simple</i> GOLDBERG MedMaster, 2010, 95 pages + foldout, ISBN 9780940780958</p> <p>A conceptual approach to clinical biochemistry, presented with humor. The casual style does not appeal to all students. Offers a comprehensive overview and integration of all metabolic pathways. Includes a 23-page clinical review that is very high yield and crammable. Also contains a unique foldout “road map” of metabolism. Best suited for students who already have a solid grasp of biochemistry.</p>	<b>\$24.95</b>	Review

**B*****BRS Biochemistry, Molecular Biology, and Genetics*****\$52.99** Review/Test

LIEBERMAN

Lippincott Williams &amp; Wilkins, 2013, 432 pages, ISBN 9781451175363

A highly detailed review featuring many figures and clinical correlations highlighted in colored boxes. The biochemistry portion includes much more detail than required for Step 1, but may be useful for students without a strong biochemistry background or as a reference text. The molecular biology section is more focused and high yield. Also offers a chapter on laboratory techniques and a comprehensive, 120-question exam. Questions are clinically oriented. Limited student feedback.

**B*****Case Files: Biochemistry*****\$35.00** Cases

TOY

McGraw-Hill, 2014, 480 pages, ISBN 9780071794886

Includes 51 clinical cases with comprehensive discussion and summary box, albeit too much depth and not enough breadth for boards. Some cases will almost certainly *not* be tested. Questions at the end of each case are not representative of those on Step 1.

## ▶ CELL BIOLOGY AND HISTOLOGY

<b>B+</b>	<p><b><i>BRS Cell Biology and Histology</i></b> GARTNER Lippincott Williams &amp; Wilkins, 2014, 432 pages, ISBN 9781451189513</p> <p>Covers concepts in cell biology and histology in an outline format. Can be used alone for cell biology study, but is lacking in histology images. Includes more detail than is required for Step 1, and information is less high yield than that of other books in the BRS series. Interactive quizzes on the free companion website provide additional practice.</p>	<b>\$51.99</b> Review/ Test/320 q
<b>B+</b>	<p><b><i>Crash Course: Cell Biology and Genetics</i></b> STUBBS Elsevier, 2015, 216 pages, ISBN 9780723438762</p> <p>Part of the Crash Course review series for basic sciences, integrating clinical topics. Offers two-color illustrations, handy study tools, and Step 1 review questions. Includes online access. High level of detail makes this resource best suited for coursework.</p>	<b>\$46.99</b> Review/Print + online
<b>B</b>	<p><b><i>Elsevier's Integrated Review: Genetics</i></b> ADKISON Elsevier, 2011, 272 pages, ISBN 9780323074483</p> <p>Part of the Integrated series that seeks to link basic science concepts across disciplines. Case-based and Step 1-style questions at the end of each chapter allow readers to gauge their comprehension of the material. Includes online access. Best suited for coursework; too lengthy and comprehensive for quick review.</p>	<b>\$42.95</b> Review
<b>B-</b>	<p><b><i>Wheater's Functional Histology</i></b> YOUNG Elsevier, 2013, 464 pages, ISBN 9780702047473</p> <p>A color atlas with more than 900 high-quality illustrations of normal histology with image captions and accompanying text. Far too detailed to use for boards studying given the low-yield nature of the material, but useful as a coursework text or boards reference. Provides online access to the entire atlas and USMLE-style self-assessment questions.</p>	<b>\$82.95</b> Text

## ▶ MICROBIOLOGY AND IMMUNOLOGY

<b>A<sup>-</sup></b>	<p><b><i>Clinical Microbiology Made Ridiculously Simple</i></b> GLADWIN MedMaster, 2016, 400 pages, ISBN 9781935660156</p> <p>An excellent, easy-to-read, detailed review of microbiology that includes clever and memorable mnemonics. The sections on bacterial disease are most high yield, less emphasis placed on pharmacology. Recommended to read during coursework and review the concise charts at the end of each chapter during boards review. All images are cartoons; no microscopy images that appear on boards. Requires a supplemental source for immunology.</p>	<b>\$36.95</b> Review
<b>A<sup>-</sup></b>	<p><b><i>Medical Microbiology and Immunology Flash Cards</i></b> ROSENTHAL Elsevier, 2016, 192 flash cards, ISBN 9780323462242</p> <p>Flash cards covering the microorganisms most commonly found on Step 1. Each card features full-color microscopic images and clinical presentations on one side and relevant bug information in conjunction with a short case on the other side. Also includes Student Consult online access for extra features. Overemphasizes “trigger words” related to each bug. Not a comprehensive resource.</p>	<b>\$39.99</b> Flash cards
<b>B<sup>+</sup></b>	<p><b><i>Basic Immunology</i></b> ABBAS Elsevier, 2015, 352 pages, ISBN 9780323390828</p> <p>A useful text that offers clear explanations of complex topics in immunology. Best if used during the year in conjunction with coursework and later skimmed for quick Step 1 review. Includes colorful diagrams, images, tables, and a lengthy glossary for further study. Features online access.</p>	<b>\$69.99</b> Review
<b>B<sup>+</sup></b>	<p><b><i>Elsevier's Integrated Review: Immunology and Microbiology</i></b> ACTOR Elsevier, 2011, 192 pages, ISBN 9780323074476</p> <p>Part of the Integrated series that seeks to link basic science concepts across disciplines. Case-based and Step 1–style questions at the end of each chapter allow users to gauge their comprehension of the material. Includes online access. Best if used during coursework.</p>	<b>\$42.95</b> Review
<b>B<sup>+</sup></b>	<p><b><i>Déjà Review: Microbiology &amp; Immunology</i></b> CHEN McGraw-Hill, 2010, 432 pages, ISBN 9780071627153</p> <p>Features questions and answers in a two-column, quiz-yourself format. Provides an excellent review of high-yield facts. Good mnemonics. Contains some black-and-white images of pathogens. Good review text on a high-yield topic.</p>	<b>\$25.00</b> Review
<b>B<sup>+</sup></b>	<p><b><i>Lippincott's Illustrated Reviews: Immunology</i></b> DOAN Lippincott Williams &amp; Wilkins, 2012, 384 pages, ISBN 9781451109375</p> <p>A clearly written, highly detailed review of basic concepts in immunology. Features many useful tables and review questions at the end of each chapter. More than 300 color annotated illustrations. Offers abbreviated coverage of immune deficiencies and autoimmune disorders. Best if started with initial coursework and used as a reference during Step 1 study.</p>	<b>\$69.99</b> Reference/Test/ Few q

<b>B+</b>	<p><b><i>Microcards: Microbiology Flash Cards</i></b> HARPAVAT Lippincott Williams &amp; Wilkins, 2015, 312 flash cards, ISBN 9781451192353</p>	<b>\$51.99</b> Flash cards
<p>A well-organized and complete resource for students who like to use flash cards for review. Cards feature the clinical presentation, pathobiology, diagnosis, treatment, and high-yield facts for a particular organism. Some cards also include excellent flow charts organizing important classes of bacteria or viruses. Overall, a good review resource, but at times it is overly detailed, requiring a significant time commitment. Also useful as an aid with coursework. Includes access to online USMLE-style questions with answers.</p>		
<b>B+</b>	<p><b><i>Case Files: Microbiology</i></b> TOY McGraw-Hill, 2014, 416 pages, ISBN 9780071820233</p>	<b>\$36.00</b> Cases
<p>Provides 54 clinical microbiology cases followed by a clinical correlation, a discussion with boldfaced buzzwords, and questions. Cases are well chosen, but the text lacks the high-yield charts and tables found in other books in the Case Files series. Images are sparse, black-and-white, and of poor quality.</p>		
<b>B</b>	<p><b><i>Case Studies in Immunology: Clinical Companion</i></b> GEHA Garland Science, 2016, 384 pages, ISBN 9780815345121</p>	<b>\$61.95</b> Cases
<p>A text that was originally designed as a clinical companion to <i>Janeway's Immunobiology</i>. Provides a great synopsis of the major disorders of immunity in a clinical vignette format. Integrates basic and clinical sciences. Features excellent images and illustrations from Janeway, as well as questions and discussions.</p>		
<b>B</b>	<p><b><i>Lippincott's Illustrated Reviews: Microbiology</i></b> HARVEY Lippincott Williams &amp; Wilkins, 2012, 448 pages, ISBN 9781608317332</p>	<b>\$67.99</b> Review/Test/ Few q
<p>A comprehensive, highly illustrated review of microbiology that is similar in style to other titles in the Illustrated Reviews series. Has more than 400 color illustrations and color-coded summaries to help visual learners. Compare with Levinson's <i>Review of Medical Microbiology and Immunology</i>.</p>		
<b>B</b>	<p><b><i>Pretest: Microbiology</i></b> KETTERING McGraw-Hill, 2013, 480 pages, ISBN 9780071791045</p>	<b>\$38.00</b> Test/500 q
<p>Includes a short section on high-yield facts followed by 500 questions in a clinical vignette format. Questions are more difficult than encountered on the boards and some topics discussed are not likely to be tested. A good book to work through with coursework but too low yield for review purposes.</p>		
<b>B</b>	<p><b><i>Review of Medical Microbiology and Immunology</i></b> LEVINSON McGraw-Hill, 2016, 832 pages, ISBN 9780071845748</p>	<b>\$64.00</b> Review/ Test/654 q
<p>A clear, comprehensive text with outstanding diagrams and tables. Includes an excellent immunology section. Contains a chapter summarizing details on medically important organisms. Can be used as reference for reviewing immunology concepts. Can be detailed and dense at points, so best if started early with coursework. Includes practice questions of mixed quality and does not provide detailed explanation of answers. Compare with <i>Lippincott's Illustrated Reviews: Microbiology</i>.</p>		

**B-*****Rapid Review: Microbiology and Immunology***

ROSENTHAL

Elsevier, 2010, 240 pages, ISBN 9780323069380

**\$42.95** Review/  
Test/400 q

A resource presented in a format similar to that of other books in the Rapid Review series. Contains many excellent tables and figures, but requires significant time commitment. Includes access to companion website with more than 400 questions.

## ▶ PATHOLOGY

<b>A+</b>	<b><i>Pathoma: Fundamentals of Pathology</i></b> SATTAR Pathoma, 2016, 218 pages	<b>\$84.95–\$119.95</b> Review/Lecture
<p>Integrated approach to pathology review, combining a focused textbook with 35+ hours of online lectures. Lectures combine “chalk talk” and slide formats to explain pathogenesis in an easy-to-understand manner. More than 350 color images. Online subscription needed for full access.</p>		
<b>A-</b>	<b><i>Lange Pathology Flash Cards</i></b> BARON McGraw-Hill, 2013, 300 flash cards, ISBN 9780071793568	<b>\$41.00</b> Flash cards
<p>Flash cards with clinical vignette on one side and discussion including etiology, pathology, clinical manifestations, and treatment on the other. Good tables to help organize diseases, but lack of images limits its utility. Best if used in conjunction with another resource. Printed on thinner paper than the <i>Biochemistry &amp; Genetics</i> component of the series, reducing durability.</p>		
<b>A-</b>	<b><i>Rapid Review: Pathology</i></b> GOLJAN Elsevier, 2013, 784 pages, ISBN 9780323087872	<b>\$55.95</b> Review/ Test/400 q
<p>A comprehensive source for key concepts in pathology, presented in a bulleted outline format with many high-yield tables and color figures. Features detailed explanations of disease mechanisms. Integrates concepts across disciplines with a strong clinical orientation. Lengthy, so best if started early with coursework. Includes access to online question bank with more than 400 questions. Covers material for both Step 1 and Step 2 exams.</p>		
<b>A-</b>	<b><i>Crash Course: Pathology</i></b> XIU Elsevier, 2015, 356 pages, ISBN 9780723438557	<b>\$44.99</b> Review
<p>Part of the Crash Course review series for basic sciences, integrating clinical topics. Offers two-color illustrations, handy study tools, and Step 1 review questions. Includes online access. Best if started during coursework.</p>		
<b>B+</b>	<b><i>Déjà Review: Pathology</i></b> DAVIS McGraw-Hill, 2010, 474 pages, ISBN 9780071627146	<b>\$25.00</b> Review
<p>Features questions and answers in a two-column, quiz-yourself format. Integrates pathophysiology and pathology. Includes many vignette-style questions, but only a few images in black and white. Good to review on the go, after being familiar with necessary pictures from other resources.</p>		

**B+*****Lippincott's Illustrated Q&A  
Review of Rubin's Pathology***

FENDERSON

Lippincott Williams &amp; Wilkins, 2010, 336 pages, ISBN 9781608316403

More than 1000 multiple choice questions that follow the Step 1 template. Questions frequently require multistep reasoning, probing the student's ability to integrate basic science knowledge in a clinical situation. Detailed rationales are linked to clinical vignettes and address incorrect answer choices. More than 300 full-color images link clinical and pathologic findings, with normal lab values provided for reference. Questions are presented both online and in print. Students can work through the online questions either in "quiz mode," which provides instant feedback, or in "test mode," which simulates the Step 1 experience. Overall, a resource that is similar in quality to *Robbins and Cotran Review of Pathology*.

**\$61.99** Test/1000 q**B+*****Robbins and Cotran Review of Pathology***

KLATT

Elsevier, 2014, 504 pages, ISBN 9781455751556

A question book that follows the main Robbins textbooks. Questions are more detailed, difficult, and arcane than those on the actual Step 1 exam, but the text offers a great review of pathology integrated with more than 1100 images. Thorough answer explanations reinforce key points. Requires significant time commitment, so best if started with coursework. 2014 edition table of contents more closely follows the organization of *Robbins and Cotran Pathologic Basis of Disease*, 8th edition.

**\$54.99** Test/1100 q**B+*****Pocket Companion to Robbins and Cotran Pathologic  
Basis of Disease***

MITCHELL

Elsevier, 2016, 896 pages, ISBN 9781455754168

A condensed version of Robbins Pathology that is good for reviewing keywords associated with most important diseases. Presented in a highly condensed format, but the text is complete and easy to understand. Contains no photographs or illustrations but does include tables. Useful as a quick reference.

**\$39.99** Review**B+*****BRS Pathology***

SCHNEIDER

Lippincott Williams &amp; Wilkins, 2013, 480 pages, ISBN 9781451115871

An excellent, concise review with appropriate content emphasis. Chapters are organized by organ system and feature an outline format with boldfacing of key facts. Includes good questions with explanations at the end of each chapter plus a comprehensive exam at the end of the book. Offers well-organized tables and diagrams as well as photographs representative of classic pathology. Contains a chapter on laboratory testing and "key associations" with each disease. Contains excellent color images and access to an online test and interactive question bank. Most effective if started early in conjunction with coursework, as it does not discuss detailed mechanisms of disease pathology.

**\$52.99** Review/  
Test/450 q

<b>B</b>	<b><i>PreTest Pathology</i></b> BROWN McGraw-Hill, 2010, 612 pages, ISBN 9780071623490  Difficult questions with detailed, complete answers. High-yield facts at the beginning are useful for concept summaries, but information can easily be obtained in better review books. Features high-quality black-and-white photographs and microscopy slides, making interpretation difficult. Best used as a supplement to other review books.	<b>\$39.00</b> Test/500 q
<b>B</b>	<b><i>High-Yield Histopathology</i></b> DUDEK Lippincott Williams & Wilkins, 2016, 350 pages, ISBN 9781496353344  Reviews the relationship of basic histology to the pathology, physiology, and pharmacology of clinical conditions that are tested on Step 1. Includes case studies, numerous light and electron micrographs, and pathology photographs. Given its considerable length, should be started with coursework.	<b>\$35.99</b> Review
<b>B</b>	<b><i>Pathophysiology of Disease: Introduction to Clinical Medicine</i></b> MCPHEE McGraw-Hill, 2014, 784 pages, ISBN 9780071806008  An interdisciplinary text useful for understanding the pathophysiology of clinical symptoms. Effectively integrates the basic sciences with mechanisms of disease. Features great graphs, diagrams, and tables. In view of its length, most useful if started during coursework. Includes 120 case studies, checkpoint questions that appear in every chapter, and a few non-boards-style questions. The text's clinical emphasis nicely complements <i>BRS Pathology</i> .	<b>\$80.00</b> Text
<b>B</b>	<b><i>Haematology at a Glance</i></b> MEHTA Blackwell Science, 2014, 136 pages, ISBN 9781119969228  A resource that covers common hematologic issues. Includes color illustrations. Presented in a logical sequence that is easy to read. Good for use with coursework.	<b>\$48.95</b> Review

## ▶ PHARMACOLOGY

<b>A<sup>-</sup></b>	<p><b><i>Lippincott's Illustrated Reviews: Pharmacology</i></b> HARVEY Lippincott Williams &amp; Wilkins, 2014, 680 pages, ISBN 9781451191776</p> <p>A resource presented in outline format with practice questions, many excellent illustrations, and comparison tables. Effectively integrates pharmacology and pathophysiology. Best started with coursework, as it is highly detailed and requires significant time commitment.</p>	<b>\$72.99</b> Review/ Test/380 q
<b>B<sup>+</sup></b>	<p><b><i>Lange Pharmacology Flash Cards</i></b> BARON McGraw-Hill, 2013, 230 flash cards, ISBN 9780071792912</p> <p>A total of 230 pocket-sized flash cards featuring clinical vignettes involving relevant drugs, with high-yield information highlighted in bold. Information content of cards varies—too much information on some, not enough on others. Printed on less durable material.</p>	<b>\$41.00</b> Flash cards
<b>B<sup>+</sup></b>	<p><b><i>Crash Course: Pharmacology</i></b> BATTISTA Elsevier, 2015, 236 pages, ISBN 9780723438519</p> <p>Part of the Crash Course review series for basic sciences, integrating clinical topics. Offers two-color illustrations, handy study tools, and Step 1–style review questions with a self-assessment section. Includes online access. Gives a solid, easy-to-follow overview of pharmacology.</p>	<b>\$44.99</b> Review
<b>B<sup>+</sup></b>	<p><b><i>Pharmacology Flash Cards</i></b> BRENNER Elsevier, 2012, 200 flash cards, ISBN 9781455702817</p> <p>Flash cards for more than 200 of the most commonly tested drugs. Cards include the name of the drug (both generic and brand) on the front and basic drug information on the back. Divided and color coded by class, and comes with a compact carrying case. Lacks figures and clinical vignettes.</p>	<b>\$39.95</b> Flash cards
<b>B<sup>+</sup></b>	<p><b><i>Master the Boards USMLE Step 1 Pharmacology Flashcards</i></b> FISCHER Kaplan, 2015, 200 flash cards, ISBN 9781618657947</p> <p>Easy-to-read flash cards with drug and questions on one side and discussion on the other. Useful for a quick pharmacology review. Some drugs/material may be beyond the scope of the Step 1, or more appropriate at the Step 2 level.</p>	<b>\$54.99</b> Flash cards
<b>B<sup>+</sup></b>	<p><b><i>Elsevier's Integrated Pharmacology</i></b> KESTER Elsevier, 2011, 264 pages, ISBN 9780323074452</p> <p>Part of the Integrated series that seeks to link basic science concepts across disciplines. Case-based and Step 1–style questions at the end of each chapter allow readers to gauge their comprehension of the material. Includes online access. Best if used during coursework.</p>	<b>\$42.95</b> Review

<b>B+</b>	<p><b><i>Rapid Review: Pharmacology</i></b> PAZDERNIK Elsevier, 2010, 360 pages, ISBN 9780323068123</p>	<b>\$42.95</b> Review/ Test/450 q
<p>A detailed treatment of pharmacology, presented in an outline format similar to that of other books in the series. More detailed than necessary for Step 1 review. Contains high-yield charts and figures. Includes access to the companion website with 450 USMLE-style questions.</p>		
<b>B+</b>	<p><b><i>BRS Pharmacology</i></b> ROSENFELD Lippincott Williams &amp; Wilkins, 2013, 384 pages, ISBN 9781451175356</p>	<b>\$52.99</b> Review/ Test/200 q
<p>Features two-color tables and figures that summarize essential information for quick recall. A list of drugs organized by drug family is included in each chapter. Too detailed for boards review; best used as a reference. Also offers end-of-chapter review tests with Step 1-style questions and a comprehensive exam with explanations of answers. An additional question bank is available online.</p>		
<b>B+</b>	<p><b><i>Case Files: Pharmacology</i></b> TOY McGraw-Hill, 2013, 464 pages, ISBN 9780071790239</p>	<b>\$35.00</b> Cases
<p>Includes 56 cases with detailed discussion, comprehension questions, and a box of clinical pearls. An appealing text for students who prefer problem-based learning, but lacks the level of detail typically tested on Step 1.</p>		
<b>B+</b>	<p><b><i>Katzung &amp; Trevor's Pharmacology: Examination and Board Review</i></b> TREVOR McGraw-Hill, 2015, 592 pages, ISBN 9780071826358</p>	<b>\$54.00</b> Review/ Test/1000 q
<p>A well-organized text with concise explanations. Features good charts and tables; the crammable list in Appendix I is especially high yield for Step 1 review. Also good for drug interactions and toxicities. Offers two practice exams but no explanations of the answers. Text includes many low-yield/obscure drugs. Compare with <i>Lippincott's Illustrated Reviews: Pharmacology</i>, both of which are better suited to complementing coursework than last-minute studying for boards.</p>		
<b>B</b>	<p><b><i>PreTest Pharmacology</i></b> SHLAFER McGraw-Hill, 2013, 624 pages, ISBN 9780071791465</p>	<b>\$38.00</b> Test/500 q
<p>Good questions divided into sections by organ system and accompanied by detailed answers. Many questions have been rewritten to be more in line with the USMLE Step 1 question format. Others build graph-reading skills and multistep reasoning skills. Sections on general principles and autonomies are especially useful. This is a great resource for anyone looking for additional practice questions.</p>		

## ▶ PHYSIOLOGY

<p><b>A</b></p>	<p><b><i>BRS Physiology</i></b> COSTANZO Lippincott Williams &amp; Wilkins, 2014, 328 pages, ISBN 9781451187953</p> <p>A clear, concise review of physiology that is both comprehensive and efficient, making for fast, easy reading. Includes excellent high-yield charts and tables, but lacks some figures from Costanzo's <i>Physiology</i>. Features high-quality practice questions with explanations in each chapter along with a clinically oriented final exam. An excellent boards review resource, but best if started early in combination with coursework. Respiratory and acid-base sections are comparatively weak.</p>	<p><b>\$53.99</b> Review/ Test/350 q</p>
<p><b>A<sup>-</sup></b></p>	<p><b><i>Physiology</i></b> COSTANZO Saunders, 2013, 520 pages, ISBN 9781455708475</p> <p>A comprehensive, clearly written text that covers concepts outlined in <i>BRS Physiology</i> in greater detail. Offers excellent color diagrams and charts. Each systems-based chapter features a detailed summary of objectives and a Step 1–relevant clinical case. Includes access to online interactive extras. Requires time commitment; best started with coursework. Practice questions at end of each chapter.</p>	<p><b>\$62.95</b> Text</p>
<p><b>A<sup>-</sup></b></p>	<p><b><i>Acid-Base, Fluids, and Electrolytes Made Ridiculously Simple</i></b> PRESTON MedMaster, 2011, 156 pages, ISBN 9780940780989</p> <p>A resource that covers major acid-base and renal physiology concepts. Provides information beyond the scope of Step 1, but remains a useful companion for studying kidney function, electrolyte disturbances, and fluid management. Includes scattered diagrams and questions at the end of each chapter. Consider using after exhausting more high-yield physiology review resources.</p>	<p><b>\$22.95</b> Review</p>
<p><b>A<sup>-</sup></b></p>	<p><b><i>Color Atlas of Physiology</i></b> SILBERNAGL Thieme, 2015, 472 pages, ISBN 9783135450070</p> <p>Contains more than 180 high-quality illustrations of disturbed physiologic processes that lead to dysfunction. An alternative to standard texts, but not high yield for boards review.</p>	<p><b>\$49.99</b> Review</p>
<p><b>A<sup>-</sup></b></p>	<p><b><i>Pulmonary Pathophysiology: The Essentials</i></b> WEST Lippincott Williams &amp; Wilkins, 2012, 208 pages, ISBN 9781451107135</p> <p>A volume offering comprehensive coverage of respiratory physiology. Clearly organized with useful charts and diagrams. Review questions at the end of each chapter have letter answers only and no explanations. Best used as a course supplement during the second year, less ideal for use immediately prior to Step 1.</p>	<p><b>\$52.99</b> Review/ Test/50 q</p>
<p><b>B<sup>+</sup></b></p>	<p><b><i>BRS Physiology Cases and Problems</i></b> COSTANZO Lippincott Williams &amp; Wilkins, 2012, 368 pages, ISBN 9781451120615</p> <p>Presents 62 classic cases in vignette format with several questions per case. Includes exceptionally detailed explanations of answers. For students interested in an in-depth discussion of physiology concepts.</p>	<p><b>\$53.99</b> Cases</p>

<b>B+</b>	<p><b><i>Déjà Review: Physiology</i></b> GOULD McGraw-Hill, 2010, 298 pages, ISBN 9780071627252</p> <p>Features questions and answers in a two-column, quiz-yourself format. Includes helpful graphs and schematics. Contains Step 1-style clinical vignettes at the end of each organ system section.</p>	<b>\$25.00</b>	Review
<b>B+</b>	<p><b><i>PreTest Physiology</i></b> METTING McGraw-Hill, 2013, 528 pages, ISBN 9780071791427</p> <p>Contains questions with detailed, well-written explanations. One of the best of the PreTest series. Best for use by the motivated student after extensive review of other sources. Includes a high-yield facts section with useful diagrams and tables.</p>	<b>\$38.00</b>	Test/500 q
<b>B</b>	<p><b><i>Rapid Review: Physiology</i></b> BROWN Elsevier, 2011, 288 pages, ISBN 9780323072601</p> <p>A resource that offers a good review of physiology in a format typical of the Rapid Review series, albeit with more images. Includes online access to 350 questions along with other extras. Compare with Robbins <i>Physiology</i>.</p>	<b>\$42.95</b>	Test/350 q
<b>B</b>	<p><b><i>Vander's Renal Physiology</i></b> EATON McGraw-Hill, 2013, 224 pages, ISBN 9780071797481</p> <p>Well-written text on renal physiology, with helpful but sparse diagrams and practice questions at the end of each chapter. Too detailed for Step 1 review, however. Best if used with organ-based coursework to understand the principles of renal physiology.</p>	<b>\$47.00</b>	Text
<b>B</b>	<p><b><i>Endocrine Physiology</i></b> MOLINA McGraw-Hill, 2013, 320 pages, ISBN 9780071796774</p> <p>Questions at the end of each chapter are helpful to work through to solidify knowledge, but some are not representative of Step 1 questions. Provides more detailed explanations of endocrine physiology than Costanzo offers but much too lengthy for Step 1 review. May be useful as a coursework adjunct.</p>	<b>\$50.00</b>	Review
<b>B-</b>	<p><b><i>Netter's Physiology Flash Cards</i></b> MULRONEY Saunders, 2015, 200+ flash cards, ISBN 9780323359542</p> <p>Flash cards contain a high-quality illustration on one side with question and commentary on the other. Good for self-testing, but too fragmented for learning purposes and not comprehensive enough for boards.</p>	<b>\$39.99</b>	Flash cards