



American Association of Bioanalysts

PUBLICATIONS CATALOG

Publications covering topics for
Reproductive Biology Laboratories and
Traditional Clinical Laboratories



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04/14

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Reproductive Biology Lab Publications	AAB/AMS Member Price	Non Member Price	=	\$ _____
____ HCT/P Compliance Procedure Manual	@ \$ 575.00	\$ 695.00	=	\$ _____
____ Andrology And Embryology Review Course Manual(s), 2014 Edition, English - <i>FREE Shipping</i>	@ \$ 225.00	\$ 299.00	=	\$ _____
<small>(Includes andrology, embryology and general knowledge for HCLDs and ELDs)</small>				
____ Andrology And Embryology Review Course Manual(s), 2012 Edition, Spanish	@ \$ 160.00	\$ 235.00	=	\$ _____
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____ Andrology And Embryology Review Course Manual(s), 2012 Edition, Portuguese	@ \$ 160.00	\$ 235.00	=	\$ _____
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____ General Knowledge For The Clinical Lab Director (HCLD), 2014 Edition, English - <i>FREE Shipping</i>	@ \$ 125.00	\$ 160.00	=	\$ _____
____ General Knowledge For The Embryology Lab Director (ELD), 2014 Edition, English - <i>FREE Shipping</i>	@ \$ 140.00	\$ 175.00	=	\$ _____
<small>(Embryology Laboratory Administration [ELA] Examination)</small>				
____ QA Manual(s) for ART Labs (CD-ROM)	@ \$ 95.00	\$ 155.00	=	\$ _____
 Traditional Clinical Lab Publications				
____ PER Handbook(s), 2007 Edition	@ \$ 75.00	\$ 95.00	=	\$ _____
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____ PER Basic Knowledge Manual(s), 2010 Edition	@ \$ 24.95	\$ 34.95	=	\$ _____
____ PER Book Trio FREE SHIPPING	@ \$ 124.90	\$ 164.90	=	\$ _____
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____ POLT Q&A Book(s)	@ \$ 12.95	\$ 14.95	=	\$ _____
____ QA Manual(s) for POLs and Ind. & Hosp. Clinical Labs on CD-ROM	@ \$ 95.00	\$ 155.00	=	\$ _____
____ Review Manual(s) for Public Health Microbiology	@ \$ 59.95	\$ 79.95	=	\$ _____
____ TQM(s)	@ \$ 14.00	\$ 19.00	=	\$ _____

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Online Courses (Must be ordered online or call (800)457-3332.)

TOTAL ENCLOSED \$ _____

Andrology and Embryology Review Course, Basic Laboratory Knowledge, and Chemistry Review

Easy Ways To ORDER: online - ordering online is easy at www.aab.org, phone - just call (800)457-3332 (in St. Louis, call 241-9809) and have your credit card information ready, fax - fill out the order form with your credit card information and dial our 24-hour fax number at (314)241-1449, or mail - fill out the order form and mail with applicable payment to: AAB, 906 Olive Street, Ste. 1200, St. Louis, MO 63101-1448.

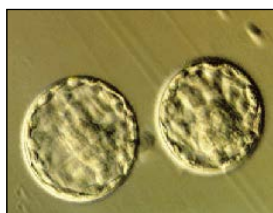
NEW

Andrology And Embryology Review Course Manual, 2014

AAB's new updated and revised **Andrology And Embryology Review Course Manual** is a comprehensive review of andrology and embryology. It is designed to assist individuals who are new to the field, who are updating and adding to their knowledge of the field, or who are preparing for certification examinations as Directors (HCLD and ELD), Technical Supervisors (TS) and Embryology Laboratory Scientist (ELS/MT) and Andrology Laboratory Scientist (ALS/MT).

The **A&E Review Manual** contains 755 pages and covers the following topics:

- Female Reproductive Physiology;
- Biology of the Oocyte, Fertilization and Early Embryo Development;
- Ovarian Stimulation;
- Male Reproductive Physiology;
- Semen Analysis;
- Sperm Cervical Mucus and Sperm Antibody Testing;
- Sperm Function Testing;
- Preparation of Gametes for Assisted Reproductive Technologies;
- Culture of Preimplantation Embryos;
- Intracytoplasmic Sperm Injection (ICSI);
- Embryo Selection and Transfer;
- Quality Management of the Embryology Laboratory;
- Sperm Cryopreservation;
- Basic Cryobiology of Embryos;
- Male Infertility and the New Genetics;
- Genetics of Reproduction: Infertility, PGD, PGS;
- General Laboratory Management;
- Employment Law;
- Clinical Laboratory Improvement Amendments of 1988 (CLIA '88);
- Occupational Safety and Health Act (OSHA);
- Embryology Laboratory Management; and
- Guide to New Globally Harmonized System of Classification and Labeling of Chemicals



Day 5: Approximately 120 hours post-insemination, expanded blastocyst stage embryos

NOTE: This manual includes andrology, embryology and general knowledge for HCLDs, ELDs and MTs.

Edition: March 2014 - Available in English
Edition: 2012 - Available in Spanish or Portuguese

Price:

AAB Members \$ 225.00
Non-Members..... \$ 299.00
FREE Shipping • AAB Members SAVE \$74

General Knowledge Manuals

The following manuals will help individuals who are seeking a comprehensive review of regulatory, safety, quality control/quality assurance, and other administrative topics in laboratory management/supervision. Also useful in preparing for certification examinations as high-complexity, moderate-complexity or embryology laboratory directors:

- **General Knowledge For The Clinical Lab Director (HCLD).** 2014. 314 pages. Topics include: General Laboratory Management, Employment Law, CLIA '88, OSHA, Basic Knowledge, Basic Blood Collection and Handling, and Guide to New Globally Harmonized System of Classification and Labeling of Chemicals.
- **General Knowledge For The Embryology Lab Director (ELD).** 2014. 392 pages. Embryology Laboratory Administration (ELA) examination. Topics include: QA and QC in the ART Laboratory, Embryology and General Laboratory Management, Employment Law, CLIA '88, OSHA, Basic Knowledge, Basic Blood Collection and Handling, and Guide to New Globally Harmonized System of Classification and Labeling of Chemicals.

NOTE: This information can also be found in the *Andrology and Embryology Review Course Manual* along with andrology and embryology related topics.

Edition: March 2014

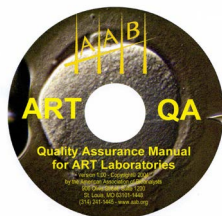
Price: General Knowledge For

The Clinical Lab Director (HCLD)..... \$ 125.00
Non-Members..... \$ 160.00
FREE Shipping • AAB Members SAVE \$35

The Embryology Lab Director (ELD) \$ 140.00
Non-Members..... \$ 175.00
FREE Shipping • AAB Members SAVE \$35

Quality Assurance Manual for ART Laboratories

The **Quality Assurance Manual For ART Laboratories** is an electronic tool to assist in creating a customized QA program for Assisted Reproductive Technology (A.R.T.) laboratories. This CD-ROM was designed for laboratories that offer both andrology and embryology laboratory services. If your laboratory only offers andrology or only embryology services, you can delete the sections that are not pertinent.



This manual is composed of three Microsoft Word documents on a CD-ROM:

- **Read Me First.doc** – This document provides instructions for modifying the QA manual to make it specific for your laboratory.
- **Tutorial.doc** – This document provides recommendations on how to modify the QA manual, indicates each place that requires you to input specific data, and make recommendations on what you should enter. You should use this document to aid you in tailoring the actual QA manual for your specific use.
- **Manual.doc** – This document contains text fields that will need to be modified for your specific use.

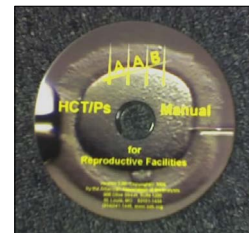
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Price:
 AAB Members \$ 95.00
 Non-Members..... \$ 155.00

AAB Members SAVE \$60

AAB HCT/P Manual

The **AAB HCT/P Manual** is a generic procedure manual that will cover the basics for FDA compliance. **Included with the manual are numerous forms, which will assist you in documenting your compliance.** These include, forms for Donor Medical History (Screening), Donor Physical Assessment, Donor Eligibility Determination, Agreements with contract facilities (such as testing laboratories), and many others designed to make implementing your compliance program easier and quicker. In addition, the complete FDA regulations, Draft Guidances, and Q & A for Final Rule, as well as other helpful information are included.



This comprehensive Manual is in electronic format and is easily updated as changes occur to the regulation and your program. While you will need to review the procedure manual on the CD-ROM and make changes to reflect the individuality of your program, the electronic format will greatly simplify the process. The CD also includes a step-by-step tutorial that will lead you through the required changes. The result will be a tailor-made procedure manual specific for your program that you can pull together in a short period of time.

Price:
 AAB Members \$ 575.00
 Non-Members..... \$ 695.00

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AAB's Online Courses

can be purchased at

www.aab.org

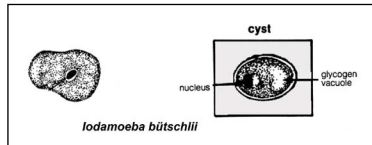
- Andrology and Embryology Review Course
- Basic Laboratory Knowledge
- Chemistry Review

See insert page for more information or visit the AAB website at www.aab.org

PER Handbook

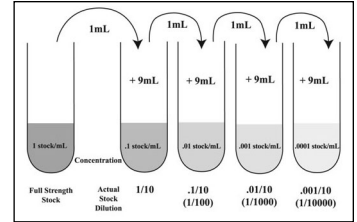
A must when studying for state licensing or private certifying exams, or as a convenient reference for day-to-day laboratory work.

- Completely revised and updated;
- 25% bigger than last edition, includes 586 pages of the latest information about techniques in clinical chemistry, hematology, blood banking, bacteriology, parasitology, mycology, virology, immunology, serology, laboratory math, quality control procedures, and laboratory supervision/management;
- Drawings, charts, and diagrams;
- Clean, concise information written in an outline format;
- Excellent study guide for novices, students, recent graduates, and specialists no longer familiar with all lab disciplines who are studying for an exam or considering expanding into other disciplines;
- Helpful guidelines for studying and taking examinations;
- Convenient reference for day-to-day use in the clinical laboratory;
- In-depth guide to laboratory math calculations; and an
- Expanded index for easy reference.



PER Basic Knowledge Manual

The *PER Basic Knowledge Manual* was developed to correlate with the Basic Knowledge content outline for the AAB Board of Registry national certification examinations. The *PER Basic Knowledge Manual* has also been expanded to include more information on general operations knowledge, ethics and confidentiality, regulatory compliance and administration.



Price (2010 Edition):

AAB Members \$ 24.95
 Non-Members..... \$ 34.95

AAB Members SAVE \$10

PER Book Trio

Order all three and get
 FREE shipping!

PER Questions & Answers Book

The *PER Questions and Answers Book* is an excellent supplement to the *PER Handbook*. Over 1,000 questions and answers. Use it to quiz yourself while preparing for examinations or just as a refresher.

Price (2008 Edition):

AAB Members \$ 24.95
 Non-Members..... \$ 34.95

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Price (2007 Edition, 9th Edition):

AAB Members \$ 75.00
 Non-Members..... \$ 95.00

AAB Members SAVE \$20

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Review Manual for Public Health Microbiology

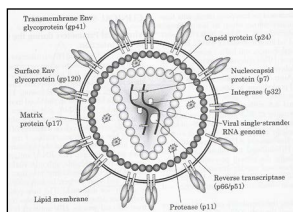
- A comprehensive review and reference manual written by experts in the field of public health microbiology.
- A valuable study guide developed to correlate with the content outline for the American Board of Bioanalysis (ABB) public health microbiology certification examination.

Authors

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Content:

- Bacteriology
- Environmental Microbiology
- Parasitology
- Mycology
- Virology/Molecular Microbiology
- Epidemiology in the Community
- Immunology of Infectious Diseases
- Quality Control/Quality Assurance



Schematic representation of a mature HIV virion showing the localization of viral proteins.

Price:

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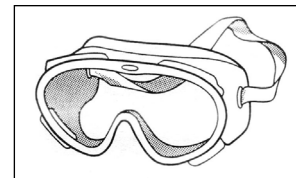
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POLT Handbook

Detailed instructions about basic laboratory procedures and policies for physician office laboratories at your fingertips. Easy-to-read outline format with over 200 diagrams and illustrations.

Topics include:

- requisitions for laboratory procedures,
- specimen collection,
- quality control,
- manuals/recordkeeping/documentation,
- laboratory environment,
- instrumentation and equipment,
- math,
- cells,
- hematology,
- coagulation,
- chemistry,
- immunology/serology,
- microbiology, and
- administrative functions.



Goggles



Biohazard Sign

Price:

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POLT Questions And Answers Book

Contains over 600 questions with illustrations and answers relating to physician office laboratory disciplines.

Price:

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Non-Members..... \$ 14.95

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QA Manual For Physician Office, Independent And Hospital Clinical Labs

AAB's **Quality Assurance Manual** is an electronic tool to assist you in creating a customized QA program for your laboratory. This manual includes easy-to-follow instructions for structuring your laboratory's comprehensive quality assurance program by using Microsoft Word documents with detailed instructions.

CD-ROM version! Includes electronic documents that you can tailor to fit your laboratory's needs

The original **QA Manual** was prepared as a tool to assist laboratories in meeting the CLIA '88 quality assurance requirements. The guide has been adapted for easy implementation of use on this new CD-ROM. Although every laboratory is unique in its approach to quality assurance and in the services offered, every laboratory must meet at least the minimum requirements for an effective QA program. This manual was designed to assist physician office, independent and hospital clinical laboratories in achieving this goal.

AAB's **Quality Assurance Manual** on CD-ROM includes:

- Quality Assurance Overview
- Quality Assurance Plan
- Quality Assurance Forms – Microsoft Word documents, including detailed instructions that you can tailor to meet your laboratory's needs
 - QA Committee Meeting Form
 - QA Problems Encountered Form
 - QA Incident Report Form
 - Customer Comment Form
 - Proficiency Testing Corrective Action Form
 - Proficiency Test Failure Investigation Checklist
 - QA Monthly Review Form
 - QA Quarterly Review Form
 - Annual QA Assessment Form
 - Competency Checklist
 - Technologist Test Procedure Evaluation Form
 - Personnel Safety Checklist

Edition: 2005

Price:

AAB Members\$ 95.00
Non-Members.....\$ 155.00

AAB Members SAVE \$60

Total Quality Management (TQM) In The Clinical Laboratory

by: Doug Hutchison, Ph.D.,
CLD, CQE(ASQC)

This book has what you need to know about the theory and history of TQM as well as the practical aspects of its use in your laboratory. In over 260 pages, with 77 illustrations, Dr. Hutchison describes the practical considerations of TQM specifically as they relate to the clinical laboratory. Included are appendices that address current CLIA topics as they relate to TQM, including the Quality Assurance program required under the final CLIA '88 regulations.

The book details the principles used by the TQM pioneers Drs. W. Edwards Deming and Joseph M. Juran. In addition, practical use of these principles in addressing CLIA '88 requirements is demonstrated.

Revised: 1994

Price:

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- Fax - fill out the order form with your credit card information and dial our 24-hour fax number at (314)241-1449, or
- Mail - fill out the order form and mail with applicable payment to: AAB, 906 Olive Street, Ste. 1200, St. Louis, MO 63101-1448.

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- Earn CEUs
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- Train for a Clinical Laboratory Position
- Update and Add to Your Knowledge of the Field

Visit www.aab.org for more information.



American Association of Bioanalysts

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Email: aab@aab.org
Web site: www.aab.org

AAB's 2014 Andrology and Embryology Review Course Online

View Anytime and Earn Up to 2.0 CEUs (PEER approved CE program)

AAB's online Andrology and Embryology Review Course is designed to help you:

- Study and prepare for certification exams, including ABB's certification exams.
- Earn continuing education credit.
- Update and add to your knowledge of the field.

Topics include:

- **Biology of the Oocyte, Fertilization and Early Embryo Development**
- **Cryopreservation of Reproductive Cells and Tissues**
- **Culture of Preimplantation Embryos**
- **Embryo Selection for Transfer**
- **Female Reproductive Physiology and Infertility**
- **Male Gamete Preparation for ART**
- **Male Infertility and Reproductive Genetics**
- **Male Reproductive Function**
- **Micromanipulation in ART**
- **Ovulation Induction for ART**
- **QC and QA in the ART Laboratory**
- **The Semen Analysis**
- **Laboratory Management - Part 1**
- **Laboratory Management - Part 2**

BONUS! Enroll for the entire Andrology and Embryology Review Course and receive the hardcopy 2014 A&E Review Course Manual **FREE!** Enroll for one of the modules and receive a hardcopy of that section.

The hardcopy A&E Review Course Manual, which complements the online video presentation, is 755 pages long and was used at the March 21-23, 2014, A&E Review Course featured in the online video and power points.

Earn Up to 2.55 CEUs. You can earn up to 2.55 CEUs through AAB's online A&E Review Course. These CEUs can be used to satisfy ABB's CEU requirements or to meet state CEU requirements (including California, Florida, Louisiana, and Montana).

Plus, **recording your CEUs is automatic** if you are an AAB member or are ABB certified. Upon successful completion of the quiz at the end of each section, your CEUs will be automatically entered into your AAB/ABB CEU records.

After purchasing a course, you have 90 days from the date of purchase to complete the course.

Get Started Today!

For more information and to purchase, visit www.aab.org and click on NEW! AAB Online Courses.

Faculty:

- Joseph Conaghan, Ph.D., HCLD/ELD/CC(ABB), Pacific Fertility Center
- Brooks Keel, Ph.D., HCLD(ABB), Georgia Southern University
- Dolores J. Lamb, Ph.D., HCLD(ABB), Baylor College of Medicine
- Tammie Schalue, Ph.D., HCLD/ELD/CC(ABB), American Association of Bioanalysts (AAB)
- Richard Scott, M.D., HCLD/ALD(ABB), RMA of New Jersey
- Nicki Winston, Ph.D., HCLD/CC/ALD(ABB), University of Illinois at Chicago

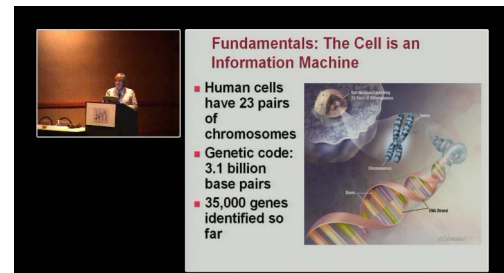
Special Features

AAB's online system allows you to:

- View the speaker alone or with slides.
- View the slides alone or with the speaker.
- Adjust the size of the speaker and slides.
- Find a topic easily with AAB's index function.
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- Stop action to study the slides.

You can select:

- individual topics,
- andrology module,
- embryology module,
- laboratory management module, or
- the entire course.





PER Online Courses



View anytime and earn CEUs (PEER approved CE program)

These courses are designed for medical technologists (MTs), laboratory technicians (MLTs) and physician office laboratory technicians (POLTs). It is also a good basic primer for directors, managers and technical supervisors.

The new online courses are designed to help you:

- Study and prepare for national certification examinations, including the AAB Board of Registry certification examinations.
- Earn PEER-approved CEUs, which can be used to meet ABB and state (including California, Florida, Louisiana, and Montana) CEU requirements or to credit to your AAB Board of Registry CEU record.
- Update and add to your knowledge of the field.

PER Chemistry Review Online Course

- Test Taking Strategies
- Proteins/Nonprotein Nitrogen
- Carbohydrates and Lipids
- Analytical Methods
- Enzymes and Quality Control
- Minerals and Electrolytes
- Urinalysis and Body Fluids
- Hormones and Miscellaneous Topics (Blood Gases, Therapeutic Drug Monitoring, and Toxicology)

The complete Chemistry Review is ABB PEER-approved for 0.7 CEU. Individual sessions are approved for 0.1 CEU each. Participants will be granted CEUs based on the sessions completed.

PER Basic Laboratory Knowledge Online Course

- General Operations Knowledge
- Technology/Instrumentation
- Weights and Measures
- Quality Control
- Quality Assurance
- Patient Test Management - Chain of Custody
- Specimen Submission, Handling and Referral
- Personnel Policies and Practices
- Computer Usage
- Reflex Testing
- CPT Codes
- Temperature Regulated Equipment
- Equipment Maintenance
- Qualifications of Testing Personnel
- Complaints/Communication
- General Safety
- Regulatory Compliance

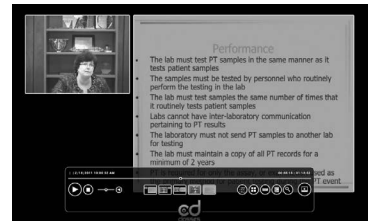
Earn 0.15 CEU. You will earn 0.15 CEU after completing the PER Basic Laboratory Knowledge Online Course.

Carleen Van Siclen, MS-HSA, TS(ABB), MT(ASCP), Education Coordinator, Department of Laboratory Medicine and Pathology, Mayo Clinic, Jacksonville, Florida, is the online course speaker. Ms. Van Siclen is editor and a contributing author of the PER Basic Knowledge Manual and the PER Handbook.

Special Features

The PER online educational system allows you to:

- View the speaker alone or with slides.
- View the slides alone or with the speaker.
- Adjust the size of the speaker and slides.
- Find a topic easily with AAB's index function.
- "Fast forward" or "go back" easily and quickly.
- Stop action to study the slides.



Recording CEUs is automatic for members of AAB, the AAB Associate Member Section, or ABB certificants. Upon successful completion of the quiz at the end of each section, your CEUs will be automatically entered into your CEU records. For individuals pending ABB or ABOR certification, CEUs will be documented after you become ABB or ABOR certified.

After purchasing a course, you have 90 days from the date of purchase to complete the course.

Purchasing Information.

- PER Chemistry Review Online Course. (Entire package.)
Price: Member - \$145. Nonmember - \$195.
- PER Chemistry Review Online Course. (Individual sessions.)
Price: Member - \$25. Nonmember - \$35.
- PER Basic Laboratory Knowledge Online Course
Price: Member - \$30. Nonmember - \$45.
- PER Basic Laboratory Knowledge Online Course and Manual (over 75 pages)
Price: Member - \$54.95. Nonmember - \$79.95.
FREE shipping for the manual if ordered with the online course.

Get Started Today!

For more information and to purchase, visit www.aab.org and click on NEW! AAB Online Courses.