



American Association of Bioanalysts

# PUBLICATIONS CATALOG

Publications covering topics for  
**Reproductive Biology Laboratories** and  
**Traditional Clinical Laboratories**



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- Study for Certification Exams
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Job Duties \_\_\_\_\_

Do you have any ownership interest in your laboratory?  YES  NO Have you ever been convicted of any crime other than a traffic violation, disciplined by a government agency or professional organization, or affiliated with a laboratory or a health related organization that has been sanctioned by a governmental agency?  YES  NO If yes, explain \_\_\_\_\_

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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), 2010 Edition, English .....	@ \$ 160.00	\$ 235.00	= \$ _____
<small>(Includes andrology, embryology and general knowledge for HCLDs and ELDs)</small>			
___ Andrology And Embryology Review Course Manual(s), 2008 Edition, Spanish .....	@ \$ 160.00	\$ 235.00	= \$ _____
<small>(Includes andrology, embryology and general knowledge for HCLDs and ELDs)</small>			
___ General Knowledge For The Clinical Lab Director (HCLD) .....	@ \$ 75.00	\$ 105.00	= \$ _____
___ General Knowledge For The Embryology Lab Director (ELD) .....	@ \$ 55.00	\$ 85.00	= \$ _____
<small>(Embryology Laboratory Administration [ELA] Examination)</small>			
___ QA Manual(s) for ART Labs (CD-ROM) .....	@ \$ 95.00	\$ 155.00	= \$ _____
<b>Traditional Clinical Lab Publications</b>			
___ PER Handbook(s), 2007 Edition .....	@ \$ 75.00	\$ 95.00	= \$ _____
___ PER Q&A Book(s), 2008 Edition .....	@ \$ 24.95	\$ 34.95	= \$ _____
___ PER Basic Knowledge Manual(s), 2010 Edition .....	@ \$ 24.95	\$ 34.95	= \$ _____
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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	= \$ _____
___ TQM(s) .....	@ \$ 14.00	\$ 19.00	= \$ _____
<b>Online Courses (Must be ordered online or call (800)457-3332)</b>			
___ Andrology and Embryology Review Course			
___ Basic Laboratory Knowledge Review			
<b>TOTAL ENCLOSED</b>			\$ _____

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- Online:** Ordering online is easy at [www.aab.org](http://www.aab.org). Click on "Bookstore".
- 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.
- Mail:** Fill out the order form and mail with applicable payment to: AAB, 906 Olive Street, Ste. 1200, St. Louis, MO 63101-1448.

# AAB Online Courses

## AAB's Andrology and Embryology Review Course

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

Whether you are studying for ABB's certification exams, need CEUs to satisfy ABB or state CEU requirements, are training for an embryology or andrology laboratory position, or want to update and add to your knowledge of the field, you can now enroll in AAB's online Andrology and Embryology Review Course.

### Topics include:

- Antisperm Antibody and Sperm-Cervical Mucus Testing
- Cryopreservation of Reproductive Cells and Tissues
- Culture Techniques from the IVF Laboratory
- Embryo Selection and Embryo Transfer
- Female Reproductive Physiology
- Gamete Biology: Fertilization and Implantation
- Male and Female Infertility
- Male Gamete Preparation for ART
- Male Reproductive Function
- Micromanipulation in ART
- Ovarian Stimulation
- QC and QA in the ART Laboratory
- Sperm Function Tests
- The New Genetics of Infertility
- The Semen Analysis
- Laboratory Management: CLIA and OSHA
- Laboratory Management: General

### You can select:

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

### Faculty:

- Joseph Conaghan, Ph.D., HCLD/ELD(ABB), San Francisco Fertility Centers
- Brooks Keel, Ph.D., HCLD(ABB), Georgia Southern University
- E. Kovanci, M.D., Baylor College of Medicine
- Dolores J. Lamb, Ph.D., HCLD(ABB), Baylor College of Medicine
- Tammie Schalue, Ph.D., HCLD/ ELD(ABB), American Association of Bioanalysts (AAB)
- Nicola Winston, Ph.D., HCLD(ABB), University of Illinois at Chicago

**BONUS!** Enroll for the entire Andrology and Embryology Review Course and receive the hardcopy 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 600 pages long and was used at the March 20-21, 2010, A&E Review Course featured in the online video and power points.

**Earn Up to 2.0 CEUs.** You can earn up to 2.0 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.

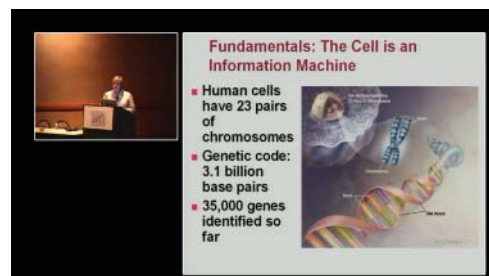
### Get Started Today!

For more information and to purchase, visit [www.aab.org](http://www.aab.org) and click on **NEW!** AAB Online Courses.

### 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.
- "Fast forward" or "go back" easily and quickly.
- Stop action to study the slides.



# NEW! AAB Online Course

## Basic Laboratory Knowledge Online Course

View anytime and earn CEUs (PEER approved CE program)

This course is 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 course assists individuals who are studying for the AAB Board of Registry's (ABOR's) certification examinations; those needing CEUs to satisfy state CEU requirements; laboratorians who are new to the field and need a review of basic laboratory knowledge; or individuals who want to update and add to their knowledge of the field.

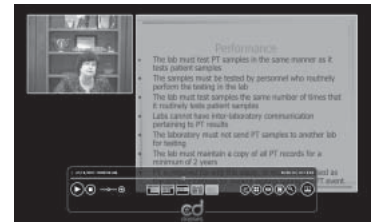
### Course Outline for Basic Laboratory Knowledge

- **General Operations Knowledge**
- **Technology/Instrumentation**
  - Pipettes
  - Centrifuges
  - Microscopes
- **Weights and Measures**
  - Units of Measure
  - Ratio
  - Dilutions
  - Percent Solutions
  - Molarity
  - Normality
  - Molality
  - Mean
  - Standard Deviation
  - Coefficient of Variation
  - pH
  - Confidence Level
  - Beer's Law
  - Anion Gap
  - Calculated LDL
- **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**
  - Clinical Laboratory Improvement Amendments (CLIA)
  - Occupational Safety & Health Administration (OSHA)
  - Environmental Protection Agency (EPA)
  - Americans with Disabilities Act (ADA)
  - Equal Employment Opportunity Commission (EEOC)
  - Fair Labor Standards Act (FLSA)

### 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.



**Carleen Van Siclen, TS(ABB)**  
Mayo Clinic, Jacksonville, Florida

**Earn 0.15 CEU.** You will earn 0.15 CEU after completing AAB's online Basic Laboratory Knowledge course. **Recording of your CEUs is automatic** if you are an AAB member or are ABB certified. Upon successful completion of the quiz, 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.

**Purchasing Information.** You can purchase the Basic Laboratory Knowledge course, or you can purchase the course and a hardcopy of the Basic Laboratory Knowledge Manual (over 75 pages).

- **Basic Laboratory Knowledge Online Course**  
**Price:** Member - \$30. Nonmember - \$45.
- **Basic Laboratory Knowledge Online Course and Manual**  
**Price:** Member - \$54.95. Nonmember - \$70.95.  
**FREE** shipping for the manual if ordered with the online course.

### Get Started Today!

For more information and to purchase, visit [www.aab.org](http://www.aab.org) and click on **NEW! AAB Online Courses**.

## Andrology And Embryology Review Course Manual

AAB's **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 Medical Technologists (MT) in the specialties of andrology and embryology.

The **A&E Review Manual** contains 600 pages and covers the following topics:

- Female Reproductive Physiology;
- Male Reproductive Physiology: Overview of the Male Reproductive System;
- Gamete Biology, Fertilization and Early Embryo Development;
- Basics of Infertility;
- 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: Pre-Implantation Genetic Diagnosis (PGD);
- General Laboratory Management;
- Employment Law;
- Clinical Laboratory Improvement Amendments of 1988 (CLIA '88);
- Occupational Safety and Health Act (OSHA); and
- Embryology Laboratory Management.



**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: 2010, English

Edition: 2008, Spanish

Price:

AAB Members ..... \$ 160.00  
 Non-Members..... \$ 235.00

*AAB Members SAVE \$75*

## 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).** Topics include: General Laboratory Management, Employment Law, CLIA '88 and OSHA.
- **General Knowledge For The Embryology Lab Director (ELD).** Embryology Laboratory Administration (ELA) examination. Topics include: Quality Management of the Embryology Laboratory and Embryology Laboratory Management.

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

Edition: March 2010

Price: General Knowledge For

The Clinical Lab Director (HCLD) ..... \$ 75.00  
 Non-Members..... \$ 105.00

*AAB Members SAVE \$30*

The Embryology Lab Director (ELD) ..... \$ 55.00  
 Non-Members..... \$ 85.00

*AAB Members SAVE \$30*

## 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.

Version 1.00 Copyright 2004

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

*AAB Members SAVE \$120*

## 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.

Price (2007 Edition, 9th Edition):  
 AAB Members ..... \$ 75.00  
 Non-Members..... \$ 95.00  
*AAB Members SAVE \$20*

## 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  
*AAB Members SAVE \$10*

## 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:

- |                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• requisitions for laboratory procedures,</li> <li>• specimen collection,</li> <li>• quality control,</li> <li>• manuals/recordkeeping/documentation,</li> <li>• laboratory environment,</li> <li>• instrumentation and equipment,</li> </ul> | <ul style="list-style-type: none"> <li>• math,</li> <li>• cells,</li> <li>• hematology,</li> <li>• coagulation,</li> <li>• chemistry,</li> <li>• immunology/serology,</li> <li>• microbiology, and</li> <li>• administrative functions.</li> </ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Price:  
 AAB Members ..... \$ 19.95  
 Non-Members..... \$ 24.95  
*AAB Members SAVE \$5*

## POLT Questions And Answers Book

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

Price:  
 AAB Members ..... \$ 12.95  
 Non-Members..... \$ 14.95  
*AAB Members SAVE \$2*

## 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

## 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:

AAB Members ..... \$ 14.00  
Non-Members..... \$ 19.00

*AAB Members SAVE \$5.00*

Edition: 2005

Price:

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

*AAB Members SAVE \$60*



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