



American Board of Certification  
for Gastroenterology Nurses

**Committed to Excellence; Passionate about Care**

# **CERTIFICATION HANDBOOK**

**American Board of Certification for Gastroenterology Nurses**

401 N. Michigan Avenue

Chicago, IL 60611

855-25-ABCGN or 855-252-2246

Fax: 312-673-6723

[info@abcdn.org](mailto:info@abcdn.org)

[www.abcdn.org](http://www.abcdn.org)

(revised 2/12)

## Certification Application Instructions

This Examination Handbook has been published to help you through the examination process. You can make the process easier for yourself by following these easy steps:

1. Read through the entire handbook prior to submitting your application. Reading through the handbook completely will help you become acquainted with the process and will help prevent errors.
2. Beginning with the Spring 2011 exam, all applications along with payment must be submitted through the ABCGN Secure Online System. Paper applications will not be accepted. If you have any problems with the online system, contact the ABCGN Headquarters at 855-25-ABCGN or 855-252-2246.
3. Follow all instructions in the handbook carefully and correctly.
4. Submit your materials by the appropriate deadline. ABCGN will accept applications during a three-month window prior to each exam. For the Spring exam, applications will be accepted December 1 – February 28; for the Fall exam, applications will be accepted June 1 – August 31. Applications will not be accepted after these dates; no exceptions will be made.

To access the Online Exam Application, go to

<http://registration.abcgcn.org/ABCGNCertificationCenter.aspx>.

### **.Background Information**

The American Board of Certification for Gastroenterology Nurses is a volunteer nonprofit organization. Its purpose is to maintain and improve the knowledge, understanding, and skill of nurses in the fields of gastroenterology/endoscopy by developing and administering a certification program. Certification is a voluntary process by which a non-governmental agency, such as ABCGN, validates an individual's qualifications and knowledge in a specific area of professional practice based on a set of pre-determined standards. In the case of ABCGN certification, the Certifying Board is validating your qualifications and knowledge as a nurse in the field of gastroenterology.

The purposes of certification for gastroenterology nurses include:

- Demonstrating accountability to the general public for gastroenterology specialty practice;
- Enhancing quality patient care;
- Recognizing professional nurses who have met an accepted level of experience and demonstrated a standard of knowledge in gastroenterology/endoscopy practice;
- Promoting personal satisfaction for professional nurses;
- Providing employers with a means of identifying professionals who have met a standard of achievement.

Candidates become certified by successfully completing an examination which has been validated according to accepted psychometric criteria. ABCGN employs a testing company to assist with development and validation of the examination and to oversee the administration of the exam in various locations around the country.

General questions related to the certification process should be addressed to:

**ABCGN**  
**401 N. Michigan Avenue**  
**Suite 2200**  
**Chicago, IL 60611-4267**  
855-25-ABCGN or 855-252-2246  
**FAX 312-673-6723**  
**E-mail: [info@abcdn.org](mailto:info@abcdn.org)**

The on-site administration of the ABCGN certification examinations is conducted by CASTLE Worldwide, Inc. (CASTLE). Questions relating to testing, receipt of Confirmation Notices and Admission Tickets, time schedules for testing, etc. should be addressed to:

**CASTLE Worldwide, Inc.**  
**900 Perimeter Park Drive**  
**Suite G**  
**Morrisville, NC 27560**  
**919-572-6880**  
**919-361-2426 (fax)**

### **Certification by Examination**

The ABCGN certification examination for Registered Nurses is a four-hour written exam consisting of 175 multiple choice questions, 150 of the multiple choice questions are scored and 25 experimental questions which may be used for future exams are not scored. . The exam is based on a role delineation study for Gastroenterology Registered Nurses. The role delineation is a survey of practitioners which define the scope of practice and the knowledge and skills required to function as a gastroenterology RN. The examination is designed to test a sample of content from the full range of knowledge and the complete inventory of skills required of gastroenterology RNs. It is written by certified practitioners, edited, and validated by a professional testing company.

### **Recertification**

Gastroenterology certification is granted for a period of five years. The certification period begins with the date certification or recertification is granted (the exam date or the deadline for submission of recertification by contact hours) and ends on December 31 five years later; i.e. recertification granted as of 5/31/10 is valid through 12/31/15. For more information regarding recertification, review the Recertification Handbook at [www.abcdn.org](http://www.abcdn.org).

### **Certification Eligibility Requirements**

ABCGN certification is open to Registered Nurses currently or recently engaged in GI/endoscopy. To qualify for certification or recertification, candidates must meet the following criteria:

1. At the time of application, candidates must have been employed in clinical, supervisory, administrative, teaching/education or research capacities in an institutional or private practice setting for a minimum of two (2) years full-time, or its part-time equivalent of 4000 hours, within the past five (5) years in GI/endoscopy.

- a. Work experience must be at the level the candidate is certifying (i.e., an LPN who has become an RN must have two years experience as an RN prior to sitting for the CGRN designation regardless of the number of years of GI experience as an LPN.)
- b. Full time industry nurses whose focus is at least 40% clinical practice, education, or research are eligible. Those whose focus is sales are not.

2. Each candidate is required to submit the names and contact information of two responsible practitioners in the specialty who can verify his/her work experience and professional qualifications.

3. Each licensed candidate is required to submit his/her current RN license number and expiration date. These will be verified by the ABCGN staff prior to the exam.

### **What Material Is Covered on the Examination?**

The result of the role delineation study for gastroenterology RNs serves as the examination blueprint for the ABCGN certification program. This document was created by a panel of expert gastroenterology/endoscopy professionals currently engaged in practice and then validated by the gastroenterology/endoscopy nursing community. The major components (practice domains and specific tasks) of the current role delineation for the gastroenterology RN are presented in Appendix B.

### **What Is the Examination Like?**

The RN examination consists of 175 multiple choice questions. The 150 multiple choice questions are scored and the 25 experimental questions which may be used for future exams are not scored. Each question has 4 choices with one correct answer. All examination items are written by certified individuals with expertise in the field of gastroenterology and/or endoscopy nursing practice. Before an item is considered for inclusion on an examination, it is referenced, reviewed, and validated by the ABCGN Item Review Committee. Finally, each item is edited by Castle for proper test item construction, grammatical correctness, and clarity. The proportion of questions from each practice domain included on the examinations is based on the relative frequency and importance of each domain and task as determined in the role delineation surveys. The test percentage for the ABCGN RN examination is listed in Appendix A. Sample questions representative of those that may appear on the ABCGN examinations are provided in Appendix C. The sample questions do not reflect the full range of content or all the levels of difficulty of questions appearing on the examinations.

### **Preparing for the Examination**

ABCGN neither sponsors nor endorses test preparation or review courses for the certification examinations. SGNA offers an Online Practice Exam, which can be purchased through their Marketplace at [www.sgna.org](http://www.sgna.org). Contact SGNA for information (800-245-7462 or [SGNA@Smithbucklin.com](mailto:SGNA@Smithbucklin.com)).

### **Exam Locations and Dates**

**Computer Based Testing:** The computer-based test is offered twice annually, in the spring and fall. This convenient test option provides hundreds of locations for testers and a month-long window in which to take the exam. For a complete list of CBT testing centers visit [http://www.castleworldwide.com/tds\\_v5/services/ibt.htm#1](http://www.castleworldwide.com/tds_v5/services/ibt.htm#1).

**Paper and Pencil:** ABCGN offers the paper and pencil exam **ONLY** once during the year—at the SGNA Annual Course in the Spring. The actual date and city of the Annual Course vary year to year.

## **Confirmation Notice/Admission Ticket**

**Computer-based Test:** Once the application window has ended, Castle Worldwide will contact candidates via email with instructions on selecting your location, date and time for the test using the on-line test scheduling system. Candidates will have a 30 day window in which to schedule the exam. It is important that you add castleworldwide.com to your list of contacts so the emails from them get through and do not end up in your junk mail. Once you schedule your exam, you will receive an email Confirmation Notice containing your test site location, date and time selections, along with a user ID and password to log on to the exam at the testing site. Please review your Confirmation Notice carefully to make sure your selections are correct.

To view instructions and what the computer-based exam looks like and instructions visit ABCGN's testing company website at [http://www.castleworldwide.com/tds\\_v5/candidates/pass-demo.htm](http://www.castleworldwide.com/tds_v5/candidates/pass-demo.htm)

**Paper and Pencil:** CASTLE will send each registered candidate an Admission Ticket approximately two (2) weeks prior to the test date. The Admission Ticket will contain the test site location, its address, the name of the testing room and the reporting time. When you receive your Admission Ticket, read it carefully, and make sure the name of the examination and the test site requested are correct.

**If you have not received an emailed Confirmation Notice (computer-based exam) or an Admission Ticket (paper and pencil) at least one (1) week prior to the test date, or if any of the information is incorrect, call the testing agency CASTLE at 919-572-6880.**

## **Test Sites**

Before the test date, it is a good idea for you to familiarize yourself with the specific location, to estimate the time it will take you to get to the test location and to identify convenient parking. If you do not verify your test site location prior to the day of the examination, be sure to give yourself plenty of extra time on the morning of the test. **It is recommended that you arrive at least 30 minutes prior to the exam start time.** Please read your confirmation notice from the testing company carefully for the specific schedule at the site where you will sit for the examination. Candidates who report to the test site after the scheduled start time can be denied access to the examination and may forfeit the examination fee. Since the chief examiner will read instructions and the proctors will distribute test materials prior to the scheduled start time, plan on arriving at least one-half hour early to be sure you are in place and ready at exam time. Be certain to dress in layers as the temperature in the testing room may be overly warm or overly cool.

## **Request to Change Test Site**

If you wish to change your test site, you must notify ABCGN by the published date. Contact ABCGN by calling 855-25-ABCGN or [info@abcdn.org](mailto:info@abcdn.org). Late requests for test site changes will not be granted. Requests received in advance of the deadline will be honored, provided that space is available at the requested site.

## **Requests for Special Accommodation**

Arrangements can be made for candidates requesting special accommodations. The candidate is responsible for making the request and for providing documentation of the need for a special accommodation by the filing deadline(s). In addition, a letter from a physician or a medical specialist

knowledgeable of the candidate's disability must accompany the completed application. ABCGN recognizes the definition of disability included in the Americans with Disabilities Act (ADA) and acknowledges the provisions of the Act.

## **Taking the Examination**

**Computer-based Test:** Each candidate should bring the Confirmation Notice emailed to them from Castle Worldwide. This notice contains the ID number and password needed to log on to the exam. Candidates should also bring two forms of identification; at least one must contain a photo.

**Paper and Pencil Exam:** Each candidate must bring the Admission Ticket received from Castle Worldwide along with two forms of identification to be admitted to the examination. At least one form of identification must contain a photograph.

## **Testing Center Regulations**

The following regulations will be observed at each testing center to insure that all candidates take the examination under uniform conditions. These regulations will be read at each test site and proctors are instructed not to admit candidates who arrive after the examination instructions have been read. Since the instructions must be read and the test materials distributed prior to the official start time for the examination period, be sure to arrive at the test location at least one-half hour prior to the official start time to allow yourself ample time.

- √ Calculators and reference materials are not permitted in the examination room.
- √ Cell phones, pagers or other electronic devices are not permitted in the examination room.
- √ No books, scratch paper, or notes may be brought into the examination room.
- √ Backpacks, fanny packs and purses must be kept in a designated spot in the examination room. Please try to avoid bringing these items with you as the designated spot is not secured
- √ Food, candy or drink
- √ Medications (please check with proctor prior to exam if you need to take a medication during the exam)
- √ Digital watches, calculator watches, or watch alarms
- √ No test materials, documents, or memoranda of any sort can be removed from the examination room.
- √ Chief examiners and proctors are instructed to answer questions about testing procedures only. They cannot respond to any inquiries regarding test content.
- √ Chief examiners may assign seats at the testing site at their own discretion.
- √ Visitors are not permitted in the examination room

## **In Case of Emergency**

In the event of inclement weather or other emergency, the testing company, CASTLE, provides an emergency phone number on the day of the test where you can secure information as to local conditions at the test site and as to whether or not the examination will be held. Please call 919-572-6880 for emergencies only. Neither the ABCGN office nor CASTLE can provide directions or answer other questions on test day. If a test center's status is questionable due to severe weather or a natural disaster, the examination administration may be cancelled. If you are unsure as to whether or not your test site is open, contact CASTLE at 919-572-6880.

## **If You Have a Problem**

The ABCGN testing company, CASTLE Worldwide, contracts for test sites and proctors. Every attempt is made to insure that test sites are convenient, comfortable, and conducive to testing and that proctors are knowledgeable and competent. Occasionally, minor problems may occur. Any candidate who experiences a problem with the suitability of a test site or with the performance of a proctor should notify CASTLE in writing within 10 business days of the test date, with a copy to ABCGN, so that appropriate corrective action can be taken for the benefit of future candidates.

## **Examination Security**

Any candidate determined by the chief examiner or proctors to be giving or receiving assistance of any kind during the examination will be required to turn in his/her test materials immediately and will be escorted from the examining room. The candidate's exam will not be scored and the incident will be reported to ABCGN. Any candidate who removes or attempts to remove test materials from the test site will be prosecuted by ABCGN to the full extent of the law.

## **Examination Scoring**

ABCGN examinations are electronically scored by the testing company. A scale score of 450 is required to pass. A scale score is a mathematical conversion of the raw score, expressed in such a way that the range of scores is from 200-800 with a mean of 500 and a standard deviation of 100. The ABCGN uses a scale score so that it can publish a passing point score. The raw score passing point differs from one version of the test to another and, therefore, can not be published until the specific version of the test to be administered has been completed and the passing point determined. The Scholastic Aptitude Test (SAT) and other well-known standardized tests also express results as scale scores for the same reason.

## **When Can You Expect Results?**

You will receive written notice of your **official score results** once the testing window has closed and scores are certified by the organization. Please note that you cannot use any credential designation until you have received official written notice that you have passed the exam. Official results will be mailed to all candidates within four to six weeks following the last day of the testing window. This notice will include detailed feedback about your performance on the examination. The score report will be mailed to the address provided on your completed examination application. If you do not receive a score report within six (6) weeks after the date of the examination, please call CASTLE at 919-572-6880 to verify your address and to request a duplicate report. For a duplicate score report at any other time there is a fee of \$15.00

## **If You Do Not Pass the Exam**

Unsuccessful candidates may submit another application with registration fees and required documentation. Candidates must wait for the next testing cycle, which is either in the spring or fall, to repeat the exam.

## **Credential Verification**

Employers or other third parties can verify an applicant's credential by contacting ABCGN at [info@abcdn.com](mailto:info@abcdn.com) or 1-855-25-ABCGN.

## **Score Report**

Your individual score report will contain your total score and sub-scores for comparison with those of the candidate population. These sub-scores are derived separately from the total scale score because of differences in the number of items from each practice domain included in the test specification. For this reason, the sub-scores do not add up to or average out to the total scale score.

## **Hand Scoring**

If a candidate believes there is an error in scoring, he or she may submit a written request to Castle for hand scoring, along with a \$25 fee.

## **Exam Challenge**

A candidate who fails to achieve a passing score may challenge any one or more items on the examination by sending a formal letter of challenge within thirty (30) days of the mailing date of the score report. The letter should include the candidate's name, mailing address, work and home telephone numbers, testing site, and specific reason for challenge, as well as a copy of the failing score notification. It should be sent via certified mail, return receipt requested, to:

**ABCGN Headquarters  
401 N. Michigan Avenue  
Chicago, IL 60611-4267**

## **Exam Versions**

For reasons of test security, each time the test is offered, a different version is administered. These versions are made up of questions, randomly selected from an approved question bank by computer according to the content specified in the test plan. While the general content and the proportion of items on one subject or another is always the same, one version of the examination may be slightly more or less difficult depending upon the specific questions included. The raw score passing point for the examination is set by a detailed review of the current version of the test using accepted psychometric methods. It may differ by a few points from version to version. The scale score passing point, however, is always the same.

## **Role Feedback**

A Role Feedback can be purchased by writing to the ABCGN Testing Office c/o CASTLE. The Role Feedback is a raw score report which details your performance by the tasks represented on the test blueprint. If you do not pass the examination, this report will give you additional information about the areas where you may need more work or study. The fee for this report is \$45.00 and can be purchased through:

**CASTLE Worldwide, Inc.  
900 Perimeter Park Drive  
Suite G  
Morrisville, NC 27560  
919-572-6880  
919-361-2426 (fax)**

## **Fees**

The entire certification exam fee is due in U.S. dollars upon submission of your application. Current certification fees are **\$300** (SGNA members) and **\$385** (non-SGNA members) for the paper and pencil exam at the Annual Course; **\$400** (SGNA members) and **\$485** (non-SGNA members) for the computer-based testing. **If you are taking the exam outside of the United States, there is an additional \$200 fee.**

## **Refund/Cancellation/Rescheduling/Roll-over Policy**

- Refunds: Requests for refunds must be made in writing to ABCGN during the testing registration window. Refunds will be made during this time minus a \$90 processing fee. Once the registration window closes, there will be no refunds. Should your application be denied, you will receive a refund for the examination fee; however, the nonrefundable processing fee will be retained. This Refund Policy is subject to change without prior notice.
- Cancellation/Rescheduling: If you wish to cancel or reschedule your testing date, you must notify Castle at least 4 business days prior to your test date. You will be charged a \$50 cancellation or rescheduling fee. If you fail to notify them within the 4 days, you will be considered a no-show and charged the full fee.
- Rollover Option: If you do not register with Castle for a date and time to take the examination, you have the option to apply your application fees to one of the next two test administrations by submitting a new application and paying a reapplication fee of \$50.00. Persons who withdraw their applications or do not receive a passing score on the examination must repeat the certification process again in its entirety. The certification process, including examination, may be repeated as often as necessary. However, a new application must be submitted each time and the appropriate fee must accompany an application each time it is submitted.

## **Revocation of Certification**

The ABCGN has the right to revoke any certificate that it has issued in the event that the recipient engages in past or current conduct found to be not in compliance with the program's procedures or professional standards. An individual whose certification is revoked may no longer claim to be certified or use the certification designation. He or she must return his or her certificate and pin.

Gastroenterology certification may be revoked for any of the following reasons:

1. Falsification of the certification or recertification application.
2. Falsification of any information requested by the ABCGN.
3. Failure to maintain eligibility requirements.
4. Failure to pay fees.
5. Misrepresentation of SGNA status.
6. Conviction of a felony.
7. Cheating on the examination.

## **Review and Appeal**

A review process and an appeal procedure are available for candidates whose applications have been rejected or for those whose certifications have been revoked. Contact the ABCGN at 800-245-7462 option 3 or [info@abcdn.org](mailto:info@abcdn.org) for the full policy and procedures of reviews and appeals.

## **Non-Discrimination**

The ABCGN does not discriminate on the basis of race, age, gender, sexual orientation, political or religious beliefs, disability, or national origin.

## **Confidentiality Policy**

The ABCGN respects the privacy of all applicants. All materials submitted with applications, any action taken on applications and individual performances on the examination will be held in confidence except as required by law. The ABCGN, however, has an obligation to the public. Therefore it responds to questions from employers, payers and others regarding whether or not an individual is certified. Additionally since publishing and releasing the names of certified nurses and/or successful candidates recognizes those individuals and encourages certification, the ABCGN reserves the right, without limitation, to release the names of certified individuals or successful candidates. Application for certification through this program constitutes acknowledgment and acceptance of the ABCGN policy with regard to publication and release of names.

## **Inquiries**

If you have any questions concerning the procedures outlined in this handbook for ABCGN certification, please write to:

**ABCGN**  
**401 N. Michigan Avenue**  
**Chicago, IL 60611-4267**  
**1-855-25-ABCGN**  
**312-673-6723 (fax)**  
**E-mail: [info@abcdn.org](mailto:info@abcdn.org)**

## **Disclaimer**

The Candidate understands that:

It is not the intent of the American Board of Certification for Gastroenterology Nurses and its members individually to qualify or permit any certified RN to perform any procedure or render any treatment that is permitted only by professional licensure or state law as set forth by state licensing authorities. This examination does not warrant to fulfill any continuing education requirements as may be necessitated by any state or institution. This examination is not offered to be used as a qualification for promotion or employment. The ABCGN and its members individually do not guarantee that the candidate achieving a passing score has the technical abilities associated with the areas tested. The ABCGN reserves the right, without limitation, to release the names of certified individuals and/or successful candidates and to respond to inquiries regarding the certification status of individuals. The examination is given for individuals and is not offered at the request of any teaching facility, hospital, or institution

## **Appendix A**

### **ABCGN RN Test Blueprint**

<b>ABCGN Practice Domains</b>	<b>RN</b>
1. General Nursing Care	24.46%
2. Gastroenterological Procedures	36.98%
3. Patient Care Interventions	21.66%
4. Professional Standards and Responsibilities	16.90%

## **Appendix B**

### **RN Role Delineation Blueprint**

#### **Domain I.**

#### **General Nursing Care within the GI Registered Nursing Specialty (24.46% - 37 items)**

##### **TASKS:**

1. Assist in assessing the client through data collection in order to determine the client's status.
2. Monitor the client's ongoing health status by observing changes in the client's condition in order to evaluate alterations in the client's level of wellness.
3. Collaborate with the client through listening and communicating effectively in order to contribute to a relevant plan of care.
4. Educate the client by providing appropriate information for the client's level of knowledge and comprehension in order to promote optimal health.
5. Facilitate support for the client by multidisciplinary collaboration in order to provide holistic care.
6. Provide culturally relevant care by recognizing diversity in order to offer services that are sensitive to the uniqueness of the client.

#### **Domain II.**

#### **Gastroenterological Procedures within the GI Registered Nursing Specialty ( 36.98% - 56 items)**

##### **TASKS:**

1. Support the physician during endoscopic procedures by team collaboration in order to accomplish procedures in a safe and effective manner.
2. Support the physician during non-endoscopic procedures by team collaboration in order to accomplish procedures in a safe and effective manner.
3. Perform non-endoscopic procedures consistent with established practice in order to promote optimal patient outcomes.

#### **Domain III.**

#### **Patient Care Interventions within the GI Registered Nursing Specialty ( 21.66% - 33 items)**

##### **TASKS:**

1. Prevent emergencies by recognizing pertinent changes in the client's health status in order to avoid complications.
2. Intervene in emergencies by prioritizing and delivering appropriate care in order to minimize negative outcomes.
3. Assist the client in managing discomfort through interventions in order to promote well-being.
4. Administer medications and fluids consistent with established practices in order to provide safe and effective care.

#### **Domain IV.**

#### **Professional Standards and Responsibilities within the GI Registered Nursing Specialty ( 16.90% - 26 items)**

#### **TASKS:**

1. Adhere to established professional codes of ethics and standards of practice in order to advocate for the best interests of the client and the gastroenterology nursing specialty.
2. Comply with regulatory agency requirements and the standards set forth by professional organizations in order to ensure consistency of care.
3. Provide a safe environment by maintaining equipment and complying with infection control standards in order to prevent negative outcomes.
4. Document relevant aspects of practice in order to provide information for future reference.
5. Utilize research by applying credible scientific findings in order to guide nursing practice.
6. Continue professional development through education, evaluation, supervision, and consultation in order to maintain competence and enhance professional effectiveness.

### **Appendix C**

#### **Sample Questions 1-14**

The following questions are examples of the type of multiple-choice items that appear on the ABCGN examinations. They do not reflect levels of difficulty or full range of content of the actual ABCGN examinations. Answers to these questions are at the end of the handbook.

#### **Sample RN Questions**

1. Which of the following is the MOST common complication of small bowel diverticula?
  1. Bleeding
  2. Perforation
  3. Obstruction
  4. Malabsorption
  
2. The clinical research nurse is consenting a patient for a colonoscopy who will participate in a research study to determine if CT colonography has similar detection rates for neoplasms as colonoscopy. Which of the following groups would the patient represent?
  1. Comparison group
  2. Probability sample
  3. Experimental group
  4. Control group

3. The nurse is performing an abdominal assessment on a patient with a suspected colonic perforation. Which one of the following phases should be done FIRST?
1. Auscultation
  2. Inspection
  3. Palpation
  4. Percussion
4. The nurse is postoperatively caring for a patient who had a 2 cm peduculated polyp removed. Which of the following observations would indicate emergent care?
1. Generalized distention with a soft flabby abdomen
  2. Abdominal rigidity and absent bowel sounds
  3. Negative abdominal rebound tenderness
  4. Dull, crampy, lower abdominal pain
5. How do negligence and malpractice differ?
1. Malpractice is a legal problem subject to a court of law, but negligence is a discipline problem subject to the hospital administration.
  2. Negligence is the omission of an act that a reasonable prudent person would perform, and malpractice is professional misconduct or lack of skill.
  3. Negligence suits are tried in civil court, but malpractice suits are tried in criminal court.
  4. Negligence applies to nurses and malpractice applies to physicians.
6. In adults, which of the following sites is recommended for the administration of the Hepatitis B Vaccine (Recombivax HB®)?
1. Anterolateral muscle
  2. Intravenous site
  3. Intradermal site
  4. Deltoid muscle
7. The nurse is caring for a patient with chronic pancreatitis. Which of the following medication choices would MOST LIKELY be used?
1. Analgesics, pancreatic enzymes and insulin
  2. Narcotics and vitamin supplements
  3. Antibiotics and anticholinergics
  4. Intravenous steroid therapy
8. During a Remicade® (*infliximab*) infusion, the patient developed marked swelling, hives, and low blood pressure. Which of the following medications would be the first line of treatment?
1. Decongestant
  2. Steroids
  3. Antihistamine
  4. Epinephrine
9. Which of the following statements BEST describes the action of Tagamet® (*cimetidine*)?
1. Decreases basal acid secretion
  2. Increases secretion of cholecystokinin

3. Inhibits secretion of histamine
4. Improves muscle tone of LES

10. Which of the following adverse effects can be anticipated when taking anticholinergic drugs?
1. Steatorrhea and bloating
  2. Dry mouth and urinary retention
  3. Lacrimation and dizziness
  4. Bradycardia and urinary urgency
11. When is Kinevac® (*sincalide*) used?
1. In provocative tests for esophageal motility
  2. To stimulate the gallbladder for a duodenal aspirate
  3. Stimulation of gastric motility to restore motility
  4. Treatment of bowel spasms from irritable bowel syndrome
12. The nurse is assisting with an endoscopic retrograde cholangiopancreatography in which there was an unsuccessful stone extraction. Which of the following procedures can the nurse anticipate?
1. Insertion of a self expanding stent
  2. Insertion of a pancreatic pigtail
  3. Sphincter of Oddi evaluation
  4. Insertion of a nasal biliary catheter
13. The nurse is assisting with an endoscopic ultrasonography for a patient with an esophageal neoplasm. Which of the following will BEST assist the physician with a treatment plan?
1. Needle aspirate of tumor
  2. Evaluation of surrounding organs
  3. Exact location of the lesion
  4. Staging the cancer
14. Which of the following is the FIRST step in the research process?
1. Developing a theoretical framework
  2. Reviewing the literature
  3. Formulating the hypothesis
  4. Defining the questions precisely

## Answers to Sample Examination Questions

1. \_\_\_1
2. \_\_\_4
3. \_\_\_2
4. \_\_\_2
5. \_\_\_2
6. \_\_\_4
7. \_\_\_1
8. \_\_\_4
9. \_\_\_3
10. \_\_\_2
11. \_\_\_2
12. \_\_\_4
13. \_\_\_4
14. \_\_\_4

## Appendix D

# ABCGN Core Reference Library (02/1/12updated)

<b>Reference Information 2012</b>	
<b>Author</b>	Andrews, Margaret
<b>Title</b>	<b>Transcultural Concepts in Nursing Care</b>
<b>Year of Publication</b>	<b>2009</b>
<b>Publisher</b>	Lippincott
<b>Author</b>	<b>Center for Disease Control</b>
<b>Title</b>	URL: <a href="http://www.cdc.gov">www.cdc.gov</a>
<b>Year of Publication</b>	n/a
<b>Publisher</b>	Government
<b>Author</b>	Drossman et al
<b>Title</b>	<b>Handbook of Gastroenterologic Procedures</b>
<b>Year of Publication</b>	<b>2008</b>
<b>Publisher</b>	Lippincott

<b>Author</b>	Farraye, F., Lowe R.
<b>Title</b>	<b>GI Emergencies: A Quick Reference Guide</b>
<b>Year of Publication</b>	<b>2012</b>
<b>Publisher</b>	Slack Inc
<b>Author</b>	Feldman, Sleisenger et al
<b>Title</b>	<b>Gastrointestinal and Liver Disease: Pathophysiology /Diagnosis and Management Volume 1 &amp; 2</b>
<b>Year of Publication</b>	<b>2008</b>
<b>Publisher</b>	Elsevier
<b>Author</b>	Floch, Martin et al
<b>Title</b>	<b>Netter's Gastroenterology 2<sup>nd</sup> Edition</b>
<b>Year of Publication</b>	<b>2009</b>
<b>Publisher</b>	Saunders
<b>Author</b>	Jonsen et al.
<b>Title</b>	<b>Clinical Ethics: A Practical Approach to Ethical Decisions in Clinical Medicine</b>
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<b>Author</b>	Lewis et al
<b>Title</b>	<b>Medical-Surgical Nursing Assessment and Management of Clinical Problems 8<sup>th</sup> Edition Volume 1 &amp; 2</b>
<b>Year of Publication</b>	<b>2011</b>
<b>Publisher</b>	Mosby
<b>Author</b>	Lilley, Collins, Rainforth et al
<b>Title</b>	<b>Pharmacology and the Nursing Process 6<sup>th</sup> Edition</b>
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<b>Author</b>	Mayo Clinic
<b>Title</b>	<b>Mayo Clinic Gastroenterology and Hepatology Board Review</b>
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<b>Author</b>	Melnyk , Fineout-Overholt
<b>Title</b>	<b>Evidence-Based Practice in Nursing and Healthcare: A Guide to Best Practice 2<sup>nd</sup> Edition</b>
<b>Year of Publication</b>	<b>2009</b>
<b>Publisher</b>	Wolters Klower
<b>Author</b>	Norton et al
<b>Title</b>	<b>Oxford Handbook of Gastrointestinal Nursing</b>
<b>Year of Publication</b>	<b>2008</b>
<b>Publisher</b>	Oxford University Press
<b>Author</b>	Lippincott
<b>Title</b>	<b>Nursing 2012 Drug Handbook with On-line Tool</b>
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<b>Author</b>	Ogilvie, Hicks, Kalloo et al
<b>Title</b>	<b>The John Hopkins Manual of Gastrointestinal Endoscopic Procedures</b>
<b>Year of Publication</b>	<b>2008</b>
<b>Publisher</b>	Slack Inc
<b>Author</b>	PDR Staff
<b>Title</b>	<b>Physician Desk Reference 66<sup>th</sup> Edition</b>
<b>Year of Publication</b>	<b>2012</b>
<b>Publisher</b>	PDR Network (compilation of manufacturers)
<b>Author</b>	SGNA
<b>Title</b>	<b>Gastroenterology Nursing A Core Curriculum 4<sup>th</sup> Edition</b>
<b>Year of Publication</b>	<b>2008</b>
<b>Publisher</b>	SGNA
<b>Author</b>	SGNA
<b>Title</b>	<b>Manual of Gastrointestinal Procedures 6<sup>th</sup> Edition</b>
<b>Year of Publication</b>	<b>2009</b>
<b>Publisher</b>	SGNA
<b>Author</b>	SGNA
<b>Title</b>	<b>SGNA Practice Guidelines and Position Statements</b>
<b>Year of Publication</b>	<b>2009</b>
<b>Publisher</b>	SGNA
<b>Author</b>	Zakim et al
<b>Title</b>	<b>Hepatology; A Textbook of Liver Disease 5<sup>th</sup> Edition</b>
<b>Year of Publication</b>	<b>2007</b>
<b>Publisher</b>	Saunders
<b>Author</b>	Barnard, Cynthia
<b>Title</b>	<b>Performance Improvement Basics: A Resource Guide for Healthcare Managers</b>
<b>Year of Publication</b>	<b>2009</b>
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URL: MD Consult On-Line Library is used for second references