

# Phlebotomy

"Always **verify** the order to determine what tests will be done & identify the patient"

Process of withdrawing blood from a vein for laboratory testing

## Things to review on the order:

- Ordering provide
- Test & test code
- Diagnosis code that correlates with test (ICD-10)
- Special specimen requirements (fasting)
- Patient demographics
- Insurance/ billing information

Completing a **lab requisition** form minimizes costly & dangerous errors

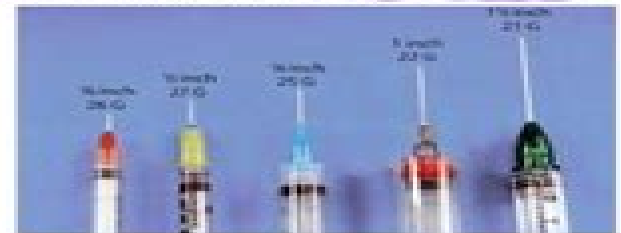
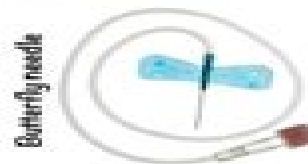
- Provider's order
- Patient identity
- Labeling of specimens
- Identification # of specimens

For test preparation you must ask when the patient last ate or had something to drink. For a **lipid panel** the patient must fast because the test will detect fats from the food they ate.

For **drug tests**, the patient must be asked if they took any medication & the names/ dosages of the drug

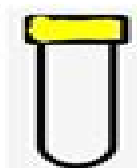
## Supplies for blood draw:

- Gloves
- Tourniquet
- Alcohol wipes
- Gauze (avoid cotton balls)
- Butterfly needle (for fragile weak veins/ hand draws)
- Double-pointed needle (21-22 gauge)
- Collection tubes
- Labels/ laboratory requisition

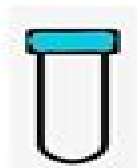


"The **LARGER** the gauge # = the **SMALLER** the needle. Typical 21-22 gauge is good. Using the right size is important to prevent hemolysis"

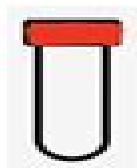
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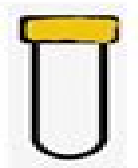
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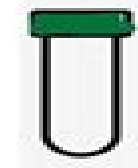
(Red)



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# Phlebotomy And Ekg And Pft Study Guide

**JE Gale**



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**The Royal Marsden Manual of Clinical Nursing Procedures** Lisa Dougherty, Sara Lister, 2015-03-05 Nationally recognised as the definitive guide to clinical nursing skills The Royal Marsden Manual of Clinical Nursing Procedures has provided essential nursing knowledge and up to date information on nursing skills and procedures for over 30 years Now in its 9th edition this full colour manual provides the underlying theory and evidence for procedures enabling nurses to gain the confidence they need to become fully informed skilled practitioners Written with the qualified nurse in mind this manual provides up to date detailed evidence based guidelines for over 200 procedures related to every aspect of a person s care including key information on equipment the procedure and post procedure guidance along with full colour illustrations and photos Following extensive market research this ninth edition contains the procedures and changes in practice that reflect modern acute nursing care includes thoroughly reviewed and updated evidence underpinning all procedures is organised and structured to represent the needs of a patient along their care pathway integrates risk management into relevant chapters to ensure it is central to care contains revised procedures following hands on testing by staff and students at Kingston University is also available as an online edition

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*BOC Study Guide for Phlebotomy Certification Examination* ASCP Press,2018

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**Phlebotomy Basics** Bonnie F. Fremgen,Wendy Blume,2001 For one semester Phlebotomy and Medical Assisting courses in certificate and multiskilling programs Beautifully designed with a wealth of full color photos and illustrations this highly readable text offers a step by step presentation of the basic clinical procedures used by phlebotomists in a wide variety of healthcare settings It thoroughly prepares students to become certified phlebotomists examining their role in the field today and exploring such areas as ethics legal issues communication equipment needs laboratory tests collection techniques and safety Clear descriptions of clinical topics make this an excellent reference for students and practicing phlebotomists who wish to pass a national certification exam

**EKG Technician Study Guide** Jane John-Nwankwo,Msn Jane John-Nwankwo Rn,2013-07-10 In this book the student will learn Duties of an Electrocardiograph technician General anatomy of the heart Internal heart structure Coronary Circulation Heart physiology Basic

electrophysiology Conduction system of the heart Fundamentals of electrocardiogram The electrocardiographic grid waves Definition of waves segments intervals and junctions The normal electrocardiograph waves and complexes The normal EKG segments intervals and Junctions Analyzing the EKG strip EKG interpretation and Pathology Recordings with diagrams Artifacts of EKG Recording with diagrams 400 Practice Questions for the national certification Exam for EKG Technicians

**The Phlebotomy Technician Study Guide** Xaiver Newman, 2013-08-01 The earliest forms of phlebotomy can be traced all the way back to the ancient Egyptian civilization and ancient Greek and Roman cultures Back in ancient times the removal of blood from the body was less of a science than a way of supposedly ridding the body of evil spirits or illnesses Draining blood in ancient times was considered one way to effectively cure the body of most ills and was often performed using a lancet tool In today s modern times bloodletting is no longer practiced except in rare instances of cases of extremely rare diseases Todays methods of Phlebotomy are considered a science and one must receive a degree or certification in phlebotomy in order to perform blood drawing tasks Today Phlebotomy procedures are only practiced in safe environments such as hospitals doctor s offices and medical clinics THIS TEXT CONTAINS OVER 300 PLUS GENERAL TEST QUESTIONS AND ANSWERS Prentice Hall Health's Q and A Review of EKG Karen Ellis, 2001-09-01 The only EKG test prep book on the market this question and answer style book covers all aspects of EKG interpretation from basic to advanced Over 1 000 multiple choice questions detailed answers and up to date terminology and information make this book an excellent review for students studying to become paramedics critical care nurses cardiac techs cardiac rehabilitation specialists or any other medical professional who needs to test their knowledge of EKG s Basic Cardiovascular Anatomy and Physiology EKG Techniques and Recognition Electrophysiology Stress Test Techniques Indications and Contraindications Holter Monitoring Cardiac Medications Practice Test **Procedures in Phlebotomy** John C. Flynn, 2005 Designed to provide an easy to read introduction to the practices and procedures of phlebotomy this textbook focuses on the basics of phlebotomy and key techniques for blood collection Its strengths include thorough and concise content clear procedures and excellent review questions The new edition features an expanded glossary equipment chapter and certification exam New photographs line drawings and a new overall design enhance the material s visual presentation and updates ensure all equipment and safety information conforms to current standards An insert of color illustrations in the front of the book shows evacuated tube characteristics providing a quick reference for determining the appropriate type of tube for blood collection of common tests Competency score sheet checklists enable readers to evaluate their mastery of newly acquired skills related to the most critical and important steps in phlebotomy procedures Fill in the blank review questions at the end of each chapter act as a self assessment tool for measuring learning outcomes An expanded 130 question exam mirrors the multiple choice format of the actual phlebotomy certification exam providing complete review and test preparation The updated Equipment chapter describes the latest modern equipment used in practice An expanded Glossary defines important words in the back of the

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web 10 14 feet long and weighing up to 1 400 pounds the tiger shark is one of the sea s large and mighty creatures the name refers to the dark stripes on their sides and backs which is one way they can be distinguished from other shark species however the stripes typically fade as the animal gets older

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web the tiger shark galeocerdo cuvier is a species of requiem shark and is the only member of the genus galeocerdo this is

one of the largest known species of shark it reaches lengths of up to 5.5 metres 18 feet and weighs over 900 kg 2000 pounds  
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web fact file tiger shark galeocerdo cuvier tiger shark galeocerdo cuvier image credit shutterstock a reputation for not being the friendliest of fish species the tiger shark ranks number two after the great white for being responsible for

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web the tiger shark or galeocerdo cuvier is the last remaining member of the galeocerdo genus this apex predator is a requiem shark and it is near threatened because of fishing and finning table of contents characteristics appearance weight length tiger sharks can achieve weights of 850 1 400 pounds and lengths of 10 14 feet

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web the tiger shark is a species of requiem shark that is often referred to as the sea tiger the scientific name for the tiger shark is galeocerdo cuvier and it is part of the family carcharhinidae there are a few different theories as to why this particular species of shark is called the tiger shark

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web the tiger shark is one of the requiem sharks renowned as formidable predators with powerful jaws and razor sharp teeth

it is the second largest predatory shark after the great white shark measuring over 5m 16ft in length and weighing 900kg 2 000 lbs

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web sep 15 2023 tiger shark *Galeocerdo cuvier* large potentially dangerous shark of the family *Carcharhinidae* it is noted for its voracity and inveterate scavenging as well as its reputation as a man eater the tiger shark is found worldwide in warm oceans from the shoreline to the open sea

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web reaching lengths of at least 18 feet 5.5 m and 2000 pounds nearly a metric tonne the tiger shark is the fourth largest shark and second largest predatory shark behind only the great white shark tiger sharks are aggressive predators famous for eating just about anything they find or are able to capture

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web tiger sharks are a large species of predatory shark native to subtropical and tropical coastlines worldwide they are a large species and exceptional individuals can reach 18 ft long and possibly longer this shark's name comes from the dark stripe like pattern on its skin which resembles a tiger's stripes

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web oct 26 2023 the shark teeth are of a similar size and came from tiger sharks *Galeocerdo cuvier* that were approximately two metres long both teeth are perforated a complete tooth found at the cave site of

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web nov 24 2020 the tiger shark is the only member of the genus *Galeocerdo* and is a large predatory species tiger sharks are found in many temperate and tropical oceans and are known for their distinctive stripes and spots on their flanks which resemble a tiger's stripes

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anywhere from 10 to 82 embryos and give birth to an average of 30 to 35 pups per litter

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web jun 5 2018 weighing 1300 pounds or more and growing up to 15 feet the tiger shark is the fourth largest shark on earth only whale sharks basking sharks and great whites get bigger on top of

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web tiger sharks have only one recorded natural predator the orca it is considered a near threatened species because of finning and fishing by humans the tiger shark is second only to the great white in recorded fatal attacks on humans but these events are still exceedingly rare

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web what are tiger sharks tiger sharks are named for the dark vertical stripes found mainly on juveniles as these sharks mature the lines begin to fade and almost disappear shark attacks

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web the tiger shark is found in tropical and subtropical waters around the world but mostly inhabit a range between the parallels 45 north and 32 south its presence ranges from the east coast of north america to the east coast of brazil including the gulf of mexico

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web jul 15 2017 26 tiger shark teeth facts a tiger sharks tooth is uniquely shaped like the sail of a boat they are very large and notched with saw like edges 27 their teeth are so strong they can cut through the shell of a sea turtle or a clam 28 if one of their teeth break they simply grow a new one the next day 29