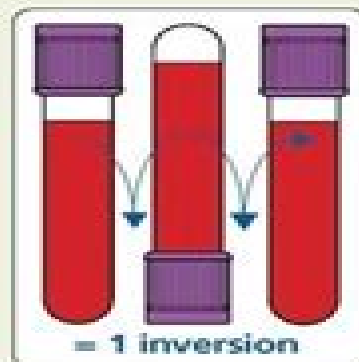


# Phlebotomy Order of Draw

Tube Closure Color	Collection Tube	Mix by Inverting	Min. Clot Time
	 Blood Cultures – SPS	8 to 10 times	N/A
	 Citrate Tube (Light Blue)	3 to 4 times	N/A
	 Serum Separator Tubes (Gold and Tiger)	5 times	30 minutes
	 Serum Tube (Red)	5 times (plastic) None (glass)	60 minutes
	 Rapid Serum Tube (Orange)	5 to 6 times	5 minutes
	 Plasma Separator Tube	8 to 10 times	N/A
	 Heparin Tube (Green)	8 to 10 times	N/A
	 EDTA Tube (Lavender)	8 to 10 times	N/A
	 PPT Separator Tube (Pearl)	8 to 10 times	N/A
	 Fluoride Tube (Gray)	8 to 10 times	N/A

**Note:** Always follow your facility's protocol for order of draw



When using a winged blood collection set for venipuncture and a coagulation (citrate) tube is the first specimen tube to be drawn, a discard tube should be drawn first. The discard tube must be used to fill the blood collection set tubing's "dead space" with blood but the discard tube does not need to be completely filled. This important step will ensure proper blood-to-additive ratio. The discard tube should be a nonadditive or coagulation tube.

# Framework Tube Recommendations

**Hermann Eichhorst**



## Framework Tube Recommendations:

*Johns Hopkins Evidence-Based Practice for Nurses and Healthcare Professionals: Model & Guidelines, Fifth Edition* Kim Bissett, Judy Ascenzi, Madeleine Whalen, 2025-04-16 Johns Hopkins Evidence Based Practice for Nurses and Healthcare Professionals has proven to be one of the most foundational books on EBP in nursing and healthcare Building on the strength of previous versions the fifth edition is fully revised to present the updated Johns Hopkins Evidence Based Practice JHEBP model representing some of the biggest changes to date The revised simplified model presents updates to the categories of evidence appraisal tools and emphasis on using suitable pre appraised evidence These changes better support real life EBP projects and the changing evidence based healthcare landscape NEW key features of the book include New chapter on Interprofessional Teams New chapter on real world implementation Simplified appraisal process Improved Evidence Phase Decision Tree The impact of COVID 10 on EBP Emerging issues such as Artificial Intelligence New exemplars showcasing the JHEBP model in action More direction for searching and screening to streamline the process New ways of characterizing best evidence recommendations TABLE OF CONTENTS Part I Evidence Based Practice Overview Chapter 1 Evidence Based Practice Yesterday Today and Tomorrow Chapter 2 The Johns Hopkins Evidence Based Practice JHEBP Model for Nurses and Healthcare Professionals HCPs Process Overview Part II Practice Question Evidence Translation PET Chapter 3 The EBP Team Chapter 4 The Problem Chapter 5 The EBP Question Chapter 6 Searching for Evidence Chapter 7 Evidence Chapter 8 Summary synthesis and best evidence recommendations Chapter 9 Translation Chapter 10 Implementation Chapter 11 Dissemination Part III Exemplars Chapter 12 Exemplars Part IV Using the JHEBP Tools Chapter 13 Lessons From Practice Using the JHEBP Tools Part V Appendices A PET Process Guide B Question Development Tool C Stakeholder Analysis and Communication Tool D Hierarchy of Evidence Guide E Research Evidence Appraisal Tool F Nonresearch Evidence Appraisal Tool G Individual Evidence Summary Tool H Synthesis and Recommendations Tool I Translation and Action Planning Tool Publication Guide **News Releases** ,2000 *Essentials of Cardiopulmonary Physical Therapy - E-Book* Ellen Hillegass, 2022-01-01 UPDATED Content and references throughout present the most current and relevant information for today s clinical practice NEW Two additional chapters on Management of Cardiovascular Disease in Women and Pulmonary Vascular Disease provide comprehensive coverage of these key topics NEW Enhanced ebook version of the text included with print purchase offers access to all of the text figures and references from the book as well as additional case studies and a glossary on a variety of digital devices **The Journal of the Allied Dental Societies** ,1916 [Acute Care Handbook for Physical Therapists - E-BOOK](#) Kathryn Panasci, Kristin C. Greenwood, 2025-10-27 Master the essential information you need to know to effectively treat and manage patients in the complex acute care environment with Acute Care Handbook for Physical Therapists Sixth Edition This easy to follow guide is the perfect resource to help you better understand and interpret hospital protocol safety guidelines medical terms and the many aspects of patient care in the hospital setting from the emergency

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




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