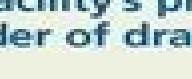
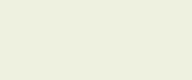
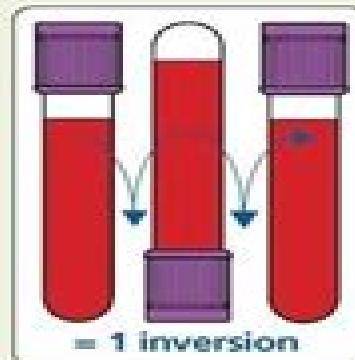


Phlebotomy Order of Draw

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

Kathryn Panasci, Kristin C. Greenwood

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

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Reports and Memoranda, 1924 Beginning with no 650 each hundredth number contains a list of the Reports and memoranda published since the last list.

Manual of Standard and Recommended Practice American Railway Association. Mechanical Division, 1922

QST., 1929

The Minneapolis District Dental Journal, 1917

Technical Report Aeronautical Research Council (Great Britain), 1926 Includes its Reports which are also issued separately

Mechanical Handling and Works Equipment, 1927

Handbook of practical medicine v. 1 Hermann Eichhorst, 1886

Handbook of Practical Medicine: Diseases of the circulatory and respiratory apparatus Hermann Eichhorst, 1886

Dental Clinics of North America, 1989

Kirkes' Handbook of Physiology William Senhouse Kirkes, William Morrant Baker, Vincent Dormer Harris, 1886

Children and Young People's Nursing at a Glance Alan Glasper, Jane Coad, Jim Richardson, 2014-11-17

Children and Young People's Nursing at a Glance is the perfect companion for study and revision for pre registration children's nursing students from the publishers of the market leading at a Glance series. Divided into seven sections it explores assessment and screening, working with families, the newborn, infant, the developing child, child health policy, nursing the sick child and young person, and chronic and life limiting conditions. This comprehensive book is an invaluable resource for pre registration nursing students as well as newly qualified nurses wanting to consolidate and expand their knowledge of children and young people's nursing. Breaks down complex aspects of child health care in an accessible and un-intimidating way. The perfect revision and consolidation textbook. Linked closely with the NMC standards for pre registration nursing education and the essential skills clusters framework. Highly visual colour presentation with approximately 130 illustrations. Includes boxes, summary boxes, key points and recommendations for practice to improve the learning experience. Supported by a companion website featuring over 500 interactive multiple choice questions. www.ataglanceseries.com/nursing/children Available in a range of digital formats perfect for on the go study and revision.

New York Review of the Telegraph and Telephone and Electrical Journal, 1911

Electrical Review

and Western Electrician ,1911

Handbook of Practical Medicine Hermann Eichhorst,1886

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