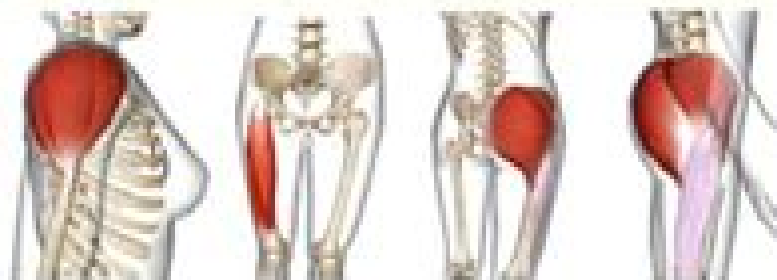


# INTRAMUSCULAR MEDICATION ADMINISTRATION



## IM Administration Sites

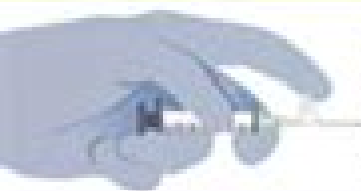
Deltoid	Vastus lateralis and rectus femoris	Dorsogluteal	Ventrogluteal
---------	-------------------------------------	--------------	---------------



Site should be selected based on client's body type.  
Avoid injecting into burns, infections, or other skin lesions.

### Most common:

- Adult clients: deltoid
- Pediatric clients: vastus lateralis



## Syringe Selection

1–3 mL syringe should be used depending on amount of medication to be injected.

## Needle Selection

Needle gauge Thickness of the needle	Needle length Length in inches
25 24 23	1/2 1 1 1/2

**Gauge:** The higher the gauge, the lower the diameter. The larger the diameter, the faster the medication will be administered. Consider amount of medication to be delivered when choosing gauge. 23–25 gauges are most common.

**Length:** Clients with more subcutaneous fat may need a longer needle length based on administration site. The most commonly used lengths are 1/2 inch for pediatric clients and 1 inch for adults.

## Blunt Fill vs. Blunt Filter Needles

**Blunt fill needles:** used for drawing medicines out of any sealed container

**Blunt filter needles:** have an extra filter, which filters out solid particles from the liquid; use with any medication in a glass ampule or medications mixed from powdered form



*Never inject client with the same needle used to draw up medication.*

## Procedure

1. Verify medication using seven Rights of Administration.
2. Draw up medication using filter or blunt tip needle.
3. Detach filter or blunt tip needle, replace cover, apply injection needle to syringe.

### Supplies



# Injecting Intramuscular Guide

**Mary Vanderkooi**



## **Injecting Intramuscular Guide:**

**Village Medical Manual: A Layman's Guide to Health Care in Developing Countries** Mary Vanderkooi, 2000 **Textbook of Basic Nursing** Caroline Bunker Rosdahl, Mary T. Kowalski, 2008 Now in its Ninth Edition this comprehensive all in one textbook covers the basic LPN LVN curriculum and all content areas of the NCLEX PN Coverage includes anatomy and physiology nursing process growth and development nursing skills and pharmacology as well as medical surgical maternal neonatal pediatric and psychiatric mental health nursing The book is written in a student friendly style and has an attractive full color design with numerous illustrations tables and boxes Bound in multimedia CD ROMs include audio pronunciations clinical simulations videos animations and a simulated NCLEX PN exam This edition's comprehensive ancillary package includes curriculum materials PowerPoint slides lesson plans and a test generator of NCLEX PN style questions

**Lippincott's Nursing Procedures**, 2009 The newly revised fifth edition of this popular reference is a start to finish guide for more than 400 basic to advanced nursing procedures It provides step by step instructions for each procedure and explains how to use and troubleshoot equipment **Injectable Drugs Guide** Alistair Gray, 2010-06 pre treatment checks

**The Maudsley Prescribing Guidelines in Psychiatry** David M. Taylor, Thomas R. E. Barnes, Allan H. Young, 2025-06-11 The most up to date edition of the gold standard handbook on the safe and effective prescribing of psychotropic agents Prescribing medications that treat mental illness is a challenging but essential component of clinical practice Successful treatment outcomes require careful drug choice and dosage and other considerations can also have an important impact on patient experiences and long term care In the newly revised fifteenth edition of The Maudsley Prescribing Guidelines in Psychiatry you will find up to date and authoritative guidance on prescribing psychotropic medications to patients It is an indispensable evidence based handbook that will continue to serve a new generation of clinicians and trainees The book includes analyses of all psychotropic drugs currently used in the United States the United Kingdom Canada Australia New Zealand and Japan It also contains detailed discussions of common and uncommon adverse effects the ramifications of switching medications special patient groups and other clinically relevant subjects A fully updated reference list closes out each section as well The Maudsley Prescribing Guidelines in Psychiatry is perfect for trainees seeking essential and accurate information on the rational safe and effective use of medications for patients with mental illness Practising clinicians will also benefit from the included guidance on complex issues that might arise less frequently **The Transmasculine Guide to**

**Physical Transition** Sage Buch, 2023-02-07 This in depth exploration of all aspects of physical transition is an accessible and supportive guide for transgender men transmasculine people and nonbinary people Drawing on their personal experience and extensive research Sage Buch walks you through a wide array of safe transition options Inside you'll learn about non medical interventions like chest binding and packing explore the varieties and effects of hormone replacement therapy and get a comprehensive primer on choosing preparing for and recovering from top and bottom surgery Medical research and

jargon is made accessible side effects and pros and cons are clearly spelled out and empowering perspectives help you consider what transition path is right for you Everything always comes back to checking in with yourself at every step of the way so that you can enjoy the unique self expression that comes with finding yourself and who you are meant to be Reading can be enhanced by working through The Transmasculine Guide to Physical Transition Workbook as you read Practical Guide for General Nursing Science Pt 2 Magda Mulder,1999-05 *Manual of Clinical Procedures in the Horse* Lais R.R. Costa,Mary Rose Paradis,2017-12-26 Manual of Clinical Procedures in the Horse is a detailed step by step guide to clinical skills in equine practice With information on techniques ranging from physical examination and blood sampling to lameness and neurologic exams and other specialized procedures the book is an aid to confidently and effectively performing procedures used in daily equine practice Well illustrated with clinical photographs throughout the book s focus is on providing thorough easy to understand descriptions of 80 techniques necessary for examining and treating horses Each topic includes a summary of the purpose potential complications equipment and proper restraint for each procedure with a detailed description of each action for the technique and the rationale behind it More than 1 100 full colour clinical photographs demonstrate the techniques Manual of Clinical Procedures in the Horse is an essential purchase for any veterinary practice seeing equine patients Key features Details each step for 80 common procedures for veterinary care of the horse Supports veterinarians and technicians in performing techniques in daily equine practice Presents more than 1 100 images depicting the steps described in the text Covers the purpose potential complications equipment restraint actions and rationale for each procedure Offers a practical patient side reference to essential techniques in clinical practice ranging from basic assessment to specialized procedures **Potter & Perry's Pocket Guide to Nursing Skills & Procedures - E-Book** Patricia A. Potter,Anne G. Perry,2023-06-09 NEW New skills are added and all skills throughout the book are updated to match the latest evidence based practice guidelines and standards ensuring safe effective performance of skills *Manual of Clinical Paramedic Procedures* Pete Gregory,Ian Mursell,2015-06-01 I can enthusiastically recommend the Manual of Clinical Paramedic Procedures as the book that I wish had been available to me when I was studying to become a paramedic From the foreword by Professor Malcolm Woollard Chair College of Paramedics Professor in Pre hospital and Emergency Care Director Pre hospital Emergency Cardiovascular Care Applied Research Group Coventry University Clinical procedures are a fundamental aspect of care for practitioners working in pre hospital settings The Manual of Clinical Paramedic Procedures is written specifically to support the practice of paramedics ambulance technicians first responders and volunteer ambulance personnel It presents up to date evidence based expert knowledge enabling paramedics to deliver effective patient focused care This accessible handbook provides a comprehensive exploration of core competencies and skills looking at topics including Aseptic Technique Airway Management Assisted Ventilation Cardiopulmonary Resuscitation Defibrillation and External Cardiac Pacing Observations Pain Assessment Management Respiratory Therapy Spinal Management and

Venepuncture Each chapter provides the relevant anatomy physiology evidence based rationales for each procedure and contraindications of use Key features The first UK text to explore clinical procedures for paramedics With further reading and illustrations throughout All procedures include the rationale for the action recommended Guides paramedics in the clinical application of evidence based procedures

Physician Assistant: a Guide to Clinical Practice Ruth Ballweg, Darwin Brown, Daniel Vetrosky, 2013-01-01 Here s the only book dedicated to giving you the complete information that you need to become an effective Physician Assistant and maintain those high standards in practice This up to date edition covers all aspects of the physician assistant profession the PA curriculum and the PA s role in practice all in an easy to use textbook format that features convenient tables and clear illustrations as well as case studies and clinical application questions You ll find this book invaluable throughout your course of study when entering the job market and as an excellent reference in clinical practice And with this Expert Consult title you ll be able to search the entire contents of the book online from anywhere Covers all the core competencies that you need to master for year one or for recertification so you can excel Gives you the information you need on all of the rotations and practice areas that are open to you to help you make the right decisions Offers practical Pros and Cons box for each rotation and area of practice to aid in day to day decision making Utilizes a fresh new two color format for better visual guidance Focuses on clinical information with case studies included at the end of each chapter Includes a new chapter on evidence based medicine to prepare you for daily practice Provides Expert Consult access so you can search the entire contents of the book online Includes a new chapter on Physician Assistants in international medicine to keep you on the cutting edge Your purchase entitles you to access the website until the next edition is published or until the current edition is no longer offered for sale by Elsevier whichever occurs first If the next edition is published less than one year after your purchase you will be entitled to online access for one year from your date of purchase Elsevier reserves the right to offer a suitable replacement product such as a downloadable or CD ROM based electronic version should access to the website be discontinued

*The Maudsley Prescribing Guidelines for Mental Health Conditions in Physical Illness* Siobhan Gee, David M. Taylor, 2024-10-07 Meet the challenges of mental health prescribing in the physically unwell with this essential guide Treating mental health conditions in physically unwell patients presents unique challenges for clinicians and other practitioners The efficacy and safety of psychotropic medications is established in physically healthy patients In physically unwell people psychotropics can have different outcomes and give rise to serious adverse effects that can complicate or worsen physical health conditions Many clinicians face difficult decisions about prescribing for mental health conditions in such cases and reliable information for them is scarce The Maudsley Prescribing Guidelines for Mental Health Conditions in Physical Illness meets this urgent need with a comprehensive guide to the safe and effective pharmacological management of mental illness in physically unwell patients Covering a wide range of physical health conditions and comorbidities the book makes evidence based recommendations on pharmacological interventions It s

an essential resource for any clinical practitioner looking to balance the physical and mental wellbeing of people with concurrent physical and mental health conditions The Maudsley Prescribing Guidelines for Mental Health Conditions in Physical Illness readers will also find Prescribing recommendations for mental health conditions including depression anxiety psychosis and bipolar affective disorder Detailed discussion of the consequences for mental health prescribing in physical health conditions such as cardiac disease diabetes chronic obstructive pulmonary disease and many more Treatment of complex and frequently encountered clinical scenarios such as restarting psychotropics after overdose and steroid induced psychiatric conditions The Maudsley Prescribing Guidelines for Mental Health Conditions in Physical Illness is an essential reference for all prescribers clinical pharmacists and nurses who work with patients with comorbid mental and physical illnesses

**Arias' Practical Guide to High-Risk Pregnancy and Delivery** Fernando Arias, Amarnath G Bhide, Arulkumaran S, Kaizad Damania, Shirish N Daftary, 2019-10-16

- 1 Prenatal Diagnosis of Chromosomal Abnormalities Asma Khalil Amy Coates
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**Index** The main objective of fifth edition of this book to provide a source of practical information about complications of pregnancy as envisaged by Dr Fernando Arias a doyen in field of Obstetrics and Gynaecology has been kept intact with further building upon with recent developments in obstetrics and gynaecology However the content is thoroughly revised with inclusion of recent developments for management of all aspects of high risk pregnancy and delivery The content is contemporary concise and evidence based covering approach management and guidelines for treating patients with high risk The text helps students to understand the concepts clearly

and retain information as a quick reference for practitioners      Handbook of Geriatric Nursing Care Lippincott Williams & Wilkins,2003 The Second Edition of this A to Z guide covers a wide range of areas of concern pertaining to the growing geriatric population Completely reviewed updated and expanded it includes more than 150 illustrations and charts This text invites readers to investigate more than 200 disorders and age oriented issues such as lab value changes sexuality grief and loss alternative therapies and cultural influences on compliance self care and recovery Comprehensive and easy to use this manual covers Alzheimer s cataract removal treatments and many other new and expanded topics      Seminars in General Adult Psychiatry George Stein,Greg Wilkinson,2007-04 This second edition of Seminars in General Adult Psychiatry provides a highly readable and comprehensive account of modern adult psychiatry Key features of the first edition that have been retained are the detailed clinical descriptions of psychiatric disorders and historical sections to give the reader access to the classic studies of psychiatry as well as the current evidence Additional topics covered here for the first time include liaison psychiatry psychosexual medicine clinical epidemiology and international and cultural psychiatry Clinical management is given due prominence with extensive accounts of modern drug management cognitive therapy the main psychosocial approaches and current guidelines such as those published by the National Institute for Health and Care Excellence An essential text for trainees studying for their MRCPsych this book is also a one stop reference work for established practitioners providing comprehensive coverage of the whole of adult psychiatry      **Manual of Stroke Models in Rats** Yanlin Wang-Fischer,2008-08-06 During the last few years exciting new insights into mechanisms and treatment of stroke have been obtained from animal experiments Hence the use of animal models to induce stroke are of paramount importance as research tools While a few articles on this topic have been published in select journals until now there has not been a systematic tech      **Maternal-Fetal Evidence-Based Guidelines** Vincenzo Berghella,2007-09-26 Maternal Fetal Medicine Evidence Based Guidelines reviews the evidence for best practice in maternal fetal medicine It presents the reader with the right information in the right format by summarizing evidence in easy to use tables and algorithms Each guideline is designed to make it easy to do it right with appropriate use of proven interventions and no use of harmful interventions Plenty of evidence is available so that well informed clinicians can reduce errors so that the first aim is ultimately to improve the health of mother and fetus by providing quality care      CRC Handbook of Marine Mammal Medicine Frances M.D. Gulland,Leslie A. Dierauf,Karyl L. Whitman,2018-03-20 AAP Prose Award Finalist 2018 19 For three decades this book has been acknowledged as the most respected scientific reference specifically devoted to marine mammal medicine and health Written by approximately 100 contributors who are recognized globally as leaders in their respective fields the CRC Handbook of Marine Mammal Medicine Third Edition continues to serve as the essential guide for all practitioners involved with marine mammals including veterinarians technicians biological researchers students managers keepers curators and trainers The 45 chapters provide essential information for the practitioner on pathology infectious diseases medical

treatment anesthesia surgery husbandry health assessment species specific medicine medically pertinent anatomy and physiology and global health concerns such as strandings oil spills and entanglements of marine mammals Covers all aspects of marine mammal veterinary practice Written by internationally acknowledged experts Adds new chapters on Ophthalmology Dentistry Ethics Oil Spill Response Health Assessments Whale Entanglement Response Dive Response and Biotoxins Richly illustrated in color throughout the new edition including updated anatomical drawings and extensive photographs of ocular lesions Provides guidance to websites that regularly present updated information and images pertinent to current marine mammal medicine such as imaging and stranding network contacts Discusses ethics and animal welfare The book guides the reader through the veterinary care of cetaceans pinnipeds manatees sea otters and polar bears In addition to summaries of current knowledge chapters provide information on those digital resources and websites which present the latest information as it emerges in the field The CRC Handbook of Marine Mammal Medicine Third Edition gives a call to action for scientists to experiment with new endeavors to engage and inspire current and future generations to care for marine mammals and the marine environment and work together to find solutions As the most trusted reference for marine mammal conservation medicine and for marine mammal medical facilities around the world this book needs to be in your library

Oxford Handbook of Surgical Nursing Alison Smith, Maria Kisiel, Mark Radford, 2016-05-19 Concise practical and packed full of clinical information the Oxford Handbook of Surgical Nursing is the essential resource for all those working in nursing practice surgery and its sub specialties Easily accessible this handbook provides all of the information and practical advice needed to care effectively and professionally for surgical patients This handbook provides a thorough introduction to the principles and practice of the care of patients undergoing the range of surgical procedures It covers all of the core elements of surgical care from point of diagnosis through to discharge and rehabilitation The Oxford Handbook of Surgical Nursing provides clinical knowledge and skills for managing complex cases in the hospital or clinic This guide will assist the reader in understanding the core role of the surgical nurse within the modern surgical team to plan implement and evaluate patient care delivery and to manage complications arising from surgery Evidence based and following the latest national guidelines you can be sure this will be an indispensable companion for all nurses whether new to the specialty or more experienced in surgical care

**Evidence-based Nursing Care Guidelines** Betty J. Ackley, 2008-01-01 From an internationally respected team of clinical and research experts comes this groundbreaking book that synthesizes the body of nursing research for 192 common medical surgical interventions Ideal for both nursing students and practicing nurses this collection of research based guidelines helps you evaluate and apply the latest evidence to clinical practice



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