

# Shoulder Dystocia: Comparison of the ACOG Practice Bulletin with Another National Guideline

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## ABSTRACT

Our objective was to compare national guidelines regarding shoulder dystocia. Along with the American College of Obstetricians and Gynecologists (ACOG) practice bulletin on shoulder dystocia, guidelines from England, Canada, Australia, and New Zealand were reviewed. The Royal College of Obstetricians and Gynecologists (RCOG) guideline agrees with the ACOG definition of shoulder dystocia, but there are variances in the management of suspected macrosomia and resolution of impacted shoulders. How recommendations are categorized differ also. Only 53% (20 of 38) of eligible references are cited by both publications. The two national guidelines on shoulder dystocia have differences and disagreements with each other, raising concerns about how the literature is synthesized and which is more comprehensive.

**KEYWORDS:** Shoulder dystocia, ACOG, RCOG, national guidelines

Although occurring in ~2% of vaginal deliveries, and lasting less than a few minutes, clinicians involved with delivery have been preoccupied with shoulder dystocia.<sup>1</sup> A PubMed search with the terms "shoulder dystocia" provides 719 citations with 621 of them in English, and a Google search of these two words offers 146,000 citations in 0.13 seconds (October 14, 2008). Considering that impacted shoulders need to be delivered within minutes, that there is potential for neurological and orthopedic injury, and infrequently neonatal mortality,<sup>1</sup> it is understandable why it is called the nightmare and why we are engrossed with the topic.

Although there are several sources to learn from and understand the topic, national guidelines are ideal because they synthesize the literature objectively,

provide simple recommendations on how to manage the emergency optimally, and protect against litigation.<sup>2</sup> The American College of Obstetricians and Gynecologists (ACOG) publishes practice bulletins; the Royal College of Obstetricians and Gynecologists (RCOG), green guidelines; the Society of Obstetricians and Gynecology (SOGC) of Canada, clinical practical guidelines; and the Royal Australian New Zealand College of Obstetricians and Gynecologists (RANZCOG), clinical statements.<sup>3–6</sup> Our previous review of the four national guidelines on the topic of small for gestational age infants<sup>7</sup> was instructive because it noted that remarkable variation in guidelines. Thus, it occurred to us that comparison of guidelines on shoulder dystocia would be illustrative of practices in different countries

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# Acog Practice Bulletin Shoulder

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Mary Ellen Avery, 2005-01-01 Thoroughly revised and updated the New Edition of this definitive text explains how to care for neonates using the very latest methods It maintains a clinical focus while providing state of the art diagnosis and treatment techniques Written by more than 55 specialists who are actively involved in the care of sick newborns it serves as an authoritative reference for practitioners a valuable preparation tool for neonatal board exams and a useful resource for the entire neonatal care team Focuses on diagnosis and management describing pertinent developmental physiology and the pathogenesis of neonatal problems Includes over 500 crisp illustrations that clarify important concepts and techniques Features the contributions of new editor Christine Gleason a well known neonatologist specializing in fetal physiology and drug alcohol effects on the brain Discusses hot topics such as ethical decisions in the neonatal perinatal period maternal medical disorders of fetal significance seizure disorders isoimmunization cancer and mental disorders maternal and fetal anesthesia and analgesia prenatal genetic diagnosis overview of clinical evaluation of metabolic disease neonatal pain in the 21st Century immunology of the fetus and newborn wonders of surfactant long term neurological outcomes in children with congenital heart disease developmental biology of the hematologic system and illustrative forms and normal values blood CSF urine Features extensive cross referencing making it quick and easy to navigate through the organ related sections Includes coverage of perinatology providing a well rounded comprehensive approach to patient care Presents case studies designed to help readers recognize and manage cases in the office setting and assess their understanding of the topic

*Maternal-Fetal Evidence Based Guidelines, Second Edition* Vincenzo Berghella, 2011-11-15 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      Maternal-Newborn Nursing Robert Durham, Linda

Chapman,2013-10-15 A better way to learn maternal and newborn nursing This unique presentation provides tightly focused maternal newborn coverage in a highly structured text     Varney's Midwifery Tekoa L. King,King,Mary C. Brucker,Jan M. Kriebs,Jenifer O. Fahey,2013-10-21 Important Notice The digital edition of this book is missing some of the images or content found in the physical edition The gold standard for midwives and students is back with Varney s Midwifery Fifth Edition New to this edition are chapters describing the profession of midwifery reproductive physiology clinical genetics and support for women in labor Interwoven throughout is information on primary care gynecology maternity care and neonatal care With chapters written by a variety of expert midwives and an increased emphasis on reproductive anatomy and physiology this new edition assists students and clinicians in understanding not only what to do but why Updated to reflect evidence based care this edition also discusses the pathophysiology of various conditions in the context of normal changes in the reproductive cycle Also included are numerous new anatomical and clinical illustrations     **Maternal-Child Nursing -**

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Varney's Midwifery Julia Phillippi,Ira Kantrowitz-Gordon,2023-09-25 Varney s Midwifery continues to be the gold standard for midwifery practice in an updated seventh edition New lead editors assembled a team of expert contributors and authors to continue the legacy of Varney s Midwifery as the trusted must have resource for students professional midwives and women s health practitioners Varney s Midwifery uses current evidence based guidelines to address the care of women throughout the lifespan including primary care gynecology maternity care in a variety of settings and newborn care The Seventh Edition reflects the new Core Competencies for Basic Midwifery Practice published in 2020 including care of transgender individuals and abortion related care It also provides updated information on chronic conditions in pregnancy including a section discussing COVID 19 new techniques for fetal screening diagnosis across the lifespan and updated

content on health equity *Case Files Obstetrics and Gynecology, Fifth Edition* Eugene C. Toy, Patti Jayne Ross, Benton Baker, John Jennings, 2016-07-06 SHARPEN YOUR CRITICAL THINKING SKILLS AND IMPROVE PATIENT CARE Experience with clinical cases is key to mastering the art and science of medicine and ultimately to providing patients with competent clinical care *Case Files Obstetrics Gynecology* provides 60 true to life cases that illustrate essential concepts in obstetrics and gynecology Each case includes an easy to understand discussion correlated to key concepts definitions of key terms clinical pearls and USMLE style review questions to reinforce your learning With *Case Files* you ll learn instead of memorize Learn from 60 high yield cases each with board style questions Master key concepts with clinical pearls Cement your knowledge with 25 new integrated challenge questions Polish your approach to clinical problem solving and to patient care Perfect for medical students physician assistant students nurse midwife and nurse practitioner students **Case Files Obstetrics and Gynecology, Sixth Edition** Eugene C. Toy, Patti Jayne Ross, Benton Baker, John Jennings, 2021-10-01 Realistic patient cases to help sharpen clinical decision making skills The 60 cases in *Case Files Obstetrics Gynecology* feature realistic clinical scenarios designed to help you enhance and hone your clinical decision making skills Each case includes an easy to understand discussion correlated to key concepts definitions of key terms clinical pearls and Board style review questions to reinforce learning The format allows you to review a patient vignette and then explore examine the case in a contextual application based manner The book is ideal for both quick access and slow and careful study *Manual of High Risk Pregnancy & Delivery* Elizabeth Stepp Gilbert, Judith Smith Harmon, 2003 MANUAL OF HIGH RISK PREGNANCY AND DELIVERY 2ND EDITION provides the practicing perinatal nurse in obstetric facilities with comprehensive in one accessible text The text covers the must knows of care screening for risk factors providing preventive management and intervening appropriately when problems arise Various problems are presented in a consistent format that includes incidence etiology physiology pathophysiology and medical management with protocols for nurse practitioners Collaborative problems and desired outcomes are also addressed The book also discusses the role of the advance practice nurse implementing care This completely revised edition includes current AWHONN Standards of Practice and NANDA nursing diagnoses a new chapter on complementary and alternative therapies new content on multiple gestation including nutritional needs and preterm management and new information on domestic violence thrombophilias and other connective tissue disorders

**Evidence Based Color Atlas of Obstetrics & Gynecology: Diagnosis and Management** Richa Saxena, 2013-05-30 Featuring more than 1700 clinical pathological and surgical photographs this atlas is a comprehensive reference guide to the diagnosis and management of numerous obstetrical and gynaecological disorders Divided into two sections obstetrics and gynaecology each section is further divided into sub sections covering key clinical aspects and disorders in each of the disciplines Presented in an easy to read three column format throughout each topic provides high quality photographs with a concise clinical description and management techniques Each chapter includes Evidence based breakthrough facts with

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