

Reference Textbook List

Clinical Genetics

This reference text list is subject to change annually. All exam questions have been referenced to one or more of these textbooks. You are not expected to purchase or review all textbooks. These textbooks may be used as references when preparing for CSMLS Clinical Genetics certification examination.

- Marilyn S Arsham Barch and Helen J Lawrence Editors. The AGT Cytogenetics Laboratory Manual. 4th ed. Philadelphia, PA: Wolters Kluwer, 2017
- Canadian Guidelines for Prenatal Diagnosis: Genetic Indications for Prenatal Diagnosis, 2001. CCMG/SOCG Practice Guidelines.
- Cytogenetic Analysis A: Recommendations for the Indications, Analysis and Reporting of Prenatal Specimens. Canadian College of Medical Geneticists (CCMG), 2010.
- Cytogenetic Analysis B: Recommendations for the Indications, Analysis and Reporting of Constitutional Specimens. Canadian College of Medical Geneticists (CCMG), 2010.
- Cytogenetic Analysis C: Recommendations for the Indications, Analysis and Reporting of Oncology Specimens. Canadian College of Medical Genetic (CCMG), 2010.
- CCMG Guidelines for DNA Banking. Canadian College of Medical Geneticists (CCMG), 2008.
- CCMG Guidelines: Retention of Cytogenetic Records. Canadian College of Medical Geneticists (CCMG), 2014.
- Code of Professional Conduct. Canadian Society for Medical Laboratory Science (CSMLS), 2011.
- Cytogenetic Analysis: Microarray. Canadian College of Medical Geneticists (CCMG), 2016.
- Use of a DNA Method, QF-PCR, in the Prenatal Diagnosis of Fetal Development. Joint SOGC-CCMG Clinical Practice Guideline, 2011.
- Downie, Jocelyn Grant, Timothy Caulfield, and Colleen M. Flood, Editors. Canadian Health Law and Policy. 4th ed. LexisNexis Canada Inc, 2011.

- Dracopoli, Nicolas C., et al. **Current Protocols in Human Genetics**. Wiley, 1994-current.
- Drafke, Michael W. **Working in Health Care: What You Need to Know to Succeed**. 2nd ed. FA Davis Company, 2002.
- Dunn, Betty, Patricia Mouchrani, and Martha Keagle, Editors. **The Cytogenetics Symposia**. 2nd ed. Journal of the Association of Genetics Technologists, 2005.
- Gersen, Steven L., and Martha B. Keagle. **The Principles of Clinical Cytogenetics**. 3rd ed. Springer, 2013.
- Michael R., and Joseph Sambrook. **Molecular Cloning - A Laboratory Manual**. 3 Vols. 4th ed. New York, NY: Cold Spring Harbor Laboratory Press, 2012.
- Heim, Sverre, and Felix Mitelman. **Cancer Cytogenetics: Chromosomal and Molecular Genetic Aberrations of Tumor Cells**. 4th ed. Wiley-Blackwell, 2015.
- Human Genome Variation Society. "HGVS Recommendations for the Description of Sequence Variants: 2016 Update." Human Genome Variation Society, 2016.
- Innis, Michael A., et al. **PCR Applications: Protocols for Functional Genomics**. 1st ed. Elsevier Science, 1999.
- Innis, Michael A., et al. **PCR Protocols: A Guide to Methods & Applications**. Academic Press, 1989.
- MM06-A2: **Quantitative Molecular Methods for Infectious Diseases; Approved Guideline**. 2nd ed. Clinical and Laboratory Standards Institute (CLSI), 2010.
- MM07-A2: **Fluorescence In Situ Hybridization Methods for Clinical Laboratories; Approved Guideline**. 2nd ed. Clinical and Laboratory Standards Institute (CLSI), 2013.
- MM09-A2: **Nucleic Acid Sequencing Methods in Diagnostic Laboratory Medicine; Approved Guideline**. 2nd ed. Clinical and Laboratory Standards Institute (CLSI), 2014.
- MM13-A: **Collection, Transport, Preparation, and Storage of Specimens for Molecular Methods; Approved Guideline**. Clinical and Laboratory Standards Institute (CLSI), 2005.
- MM14-A2: **Design of Molecular Proficiency Testing/External Quality Assessment; Approved Guideline**. 2nd ed. Clinical and Laboratory Standards Institute (CLSI) 2013.
- MM01-A3: **Molecular Methods for Clinical Genetics and Oncology Testing; Approved Guideline**. 3rd ed. Clinical and Laboratory Standards Institute (CLSI), 2012.

- Morris John J., and Cynthia Clarke. Law for Canadian Health Care Administrators. 2nd ed. LexisNexis Canada Inc., 2011
- Nussbaum Robert L., Roderick R. McInnes, and Huntington Willard. Thompson & Thompson: Genetics in Medicine. 8th ed. Elsevier, 2015.
- Patton, Kevin T., and Gary A. Thibodeau. Anatomy and Physiology. 9th ed. Mosby Elsevier, 2015.
- Purtilo, Ruth B., Amy M. Haddad, and Regina F. Doherty. Health Professional and Patient Interaction. 9th ed. Saunders Elsevier, 2012.
- Rooney, D. E., Editor. Human Cytogenetics: Constitutional Analysis. 3rd ed. Oxford University Press, 2001.
- Rooney, D. E., Editor. Human Cytogenetics: Malignancy and Acquired Abnormalities. 3rd ed. Oxford University Press, 2000.
- McGowan-Jordan, and Michael Schmid M, Editors. ISCN 2016: An International System for Human Cytogenetic Nomenclature (2016). S. Karger Publishers Inc., 2016.
- Shematek, Gene, Wayne Wood and Eoin O’Grady. Laboratory Safety: CSMLS Guidelines. 8th ed. Hamilton, ON: Canadian Society for Medical Laboratory Science (CSMLS), 2017.
- Strachan, Tom, and Andrew Read. Human Molecular Genetics. 4th ed. Garland Science, 2010.
- Thompson, Valerie D. Health and Health Care Delivery in Canada. 2nd ed. Elsevier Canada, 2015.
- Transportation of Dangerous Goods Regulations. Transport Canada. Government of Canada, 2017.
- Turgeon, Mary Louise. Linné & Ringsrud’s Clinical Laboratory Science: Concepts, Procedures, and Clinical Applications. 7th ed. Mosby/Elsevier, 2015.
- WHMIS 2015 Pocket Guide. 2017 Edition. Buchanan/Carswell, 2017.
- Zneimer, Susan. M. Cytogenetic Abnormalities: Chromosomal, FISH and Microarray-Based Clinical Reporting and Interpretation of Result. Blackwell Science, 2014.

Note: Exam questions referenced to new textbooks will not appear on the CSMLS exam for 18 to 24 months after the new book is added to exam textbook list.