CSMLS SCSLM

Canadian Society for Medical Laboratory Science
Société canadienne de science de laboratoire médical

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.

Arsham, Marilyn S., Margaret J. Barch and Helen L. Lawce. Editors. *The AGT Cytogenics Laboratory Manual.* 4th ed. New Jersey, The Association of Genetic technologists, 2017.

Canadian Guidelines for Prenatal Diagnosis: Genetic Indications for Prenatal Diagnosis. CCMG/SOCG Clinical Practice Guidelines. 2001.

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. **(NEW EDITION)**

Code of Professional Conduct. Canadian Society for Medical Laboratory Science (CSMLS), 2011.

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.

Cytogenetic Analysis: Microarray. Canadian College of Medical Geneticists (CCMG), 2016.

Downie, Jocelyn, Timothy Caulfield, and Colleen M. Flood, Editors. *Canadian Health Law and Policy.* 4th ed. Markham, LexisNexis Canada Inc, 2011.

Dracopoli, Nicolas C., et al. Editors. *Current Protocols in Human Genetics*. 5 Vols. John Wiley and Sons Inc, 1994-2011.

Drafke, Michael W. *Working in Health Care: What You Need to Know to Succeed.* 2nd ed. FA Davis Company, 2002. **(Out of Print – to be removed from the list in 2020)**

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 Science+Business, Medina, 2013.

Green, Michael R. and Joseph Sambrook. *Molecular Cloning - A Laboratory Manual.* 3 Vols. 4th ed. New York, 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, 2015.

Innis, Michael A., David H. Gelfand and John J. Sninsky. *PCR Applications: Protocols for Functional Genomics.* 1st ed. Orlando, Academic Press, 1999.

Innis, Michael A., et al. *PCR Protocols: A Guide to Methods & Applications.* San Diego, Academic Press, 1990.

McGowan-Jordan, Jean, Anne Simons and Michael Schmid. *ISCN 2016: An International System for Human Cytogenetic Nomenclature.* Basel (Switzerland). S. Karger Publications Inc., 2016.

MM01-A3: Molecular Methods for Clinical Genetics and Oncology Testing; Approved Guideline. 3rd ed. Clinical and Laboratory Standards Institute (CLSI), 2012.

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-A: 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.

Morris John J., and Cynthia D. Clarke. *Law for Canadian Health Care Administrators.* 2nd ed. Markham, LexisNexis Canada Inc., 2011.

Nussbaum Robert L., Roderick R. McInnes, and Huntington F. Willard. *Thompson & Thompson: Genetics in Medicine.* 8th ed. Philadelphia, Elsevier, 2016.

Patton, Kevin T., and Gary A. Thibodeau. *Anatomy and Physiology.* 9th ed. St. Louis, Mosby Elsevier, 2016.

Purtilo, Ruth B., Amy M. Haddad, and Regina F. Doherty. *Health Professional and Patient Interaction.* 9th ed. St. Louis, Saunders Elsevier, 2019. **(NEW EDITION)**

Rooney, D. E., Editor. *Human Cytogenetics: Constitutional Analysis.* 3rd ed. New York, Oxford University Press, 2001.

Rooney, D. E., Editor. *Human Cytogenetics: Malignancy and Acquired Abnormalities.* 3rd ed. New York, Oxford University Press, 2001.

Shematek, Gene, and Wayne Wood. *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. New York. Garland Science, 2014.

Thompson, Valerie D. *Health and Health Care Delivery in Canada*. 2nd ed. Elsevier Canada, 2016.

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. St. Louis, Mosby/Elsevier, 2016.

Use of a DNA Method, QF-PCR, in the Prenatal Diagnosis of Fetal Development. Joint SOGC-CCMG Clinical Practice Guideline, 2011.

WHMIS Pocket Guide. 2017 ed. Thomson Reuters, 2017.

Zneimer, Susan. *Cytogenetic Abnormalities: Chromosomal, FISH and Microarray-Based Clinical Reporting and Interpretation of Results.* West Sussex. John Wiley & Sons Inc., 2014.