



## College of Physicians and Surgeons of British Columbia Diagnostic Accreditation Program

### *Spirometry References*

#### **General Spirometry Performance Guidelines**

1. Miller MR, Hankinson J, Brusasco V, et al. Standardisation of spirometry. *Eur Respir J*, 2005; 26: 319-338  
<https://www.thoracic.org/statements/resources/pfet/PFT2.pdf>
2. Coates AL, Graham BL, McFadden RG, et al. Spirometry in primary care. *Can Respir J*, 2013; 20(1): 13-21  
[http://www.respiratoryguidelines.ca/sites/all/files/CTS\\_Spirometry\\_Primary\\_Care\\_2013.pdf](http://www.respiratoryguidelines.ca/sites/all/files/CTS_Spirometry_Primary_Care_2013.pdf)
3. Redlich CA, Tarlo SM, Hankinson JL et al. Official American Thoracic Society Technical Standards: Spirometry in the Occupational Setting. *Am J Respir Crit Care Med* 2014; 189(8): 984-994  
<http://www.atsjournals.org/doi/pdf/10.1164/rccm.201402-0337ST>

#### **Interpretation of Results**

4. Global Lung Initiative (GLI): <http://www.lungfunction.org>
5. Pellegrino R, Viegi G, Brusasco V, et al. Interpretive strategies for lung function tests. *Eur Respir J*, 2005; 26: 948-968 <http://www.thoracic.org/statements/resources/pft/pft5.pdf>
6. Become an Expert in Spirometry (Spirxpert.com): Software for interpreting pulmonary function:  
<http://www.spirxpert.com/download/download1x.htm>

#### **Pediatric Specific References**

7. Quanjer PH, Stanojevic S, Stocks J, Hall GL, et al. Changes in the FEV1/FVC ratio during childhood and adolescence: an intercontinental study. *Eur Respir J*, 2010; 36: 1391-1399.  
<http://erj.ersjournals.com/content/36/6/1391>
8. Cole TJ, Stanojevic S, Stocks J, Coates AL, Hankinson JL, Wade AM. Age- and size related reference ranges: A case study of spirometry through childhood and adulthood. *Statist Med* 2009; 28: 880-898.  
<http://www.ncbi.nlm.nih.gov/pubmed/19065626>
9. Stanojevic S, Wade A, Cole TJ, et al. on behalf of the Asthma UK collaborative group. Spirometry centile charts for young Caucasian children: The Asthma UK Collaborative Initiative. *Am J Respir Crit Care Med*, 2009; 180: 547-552. <http://www.ncbi.nlm.nih.gov/pubmed/19574442>

10. Beydon N, Davis SD, Lombardi E, et al. An Official American Thoracic Society/European Respiratory Society Statement: Pulmonary Function Testing in Preschool Children. *Am J Respir Crit Care*, 2007; 175: 1304-1345  
[http://www.nddmed.com/downloads/Download\\_02226\\_01.pdf](http://www.nddmed.com/downloads/Download_02226_01.pdf)

### **Books**

11. Pulmonary Function Tests in Clinical Practice (April 2009) by Ali Altalag, Jeremy Road, Pearce Wilcox
12. Ruppel's Manual of Pulmonary Function Testing, Tenth Edition (November 2012) by Carl Mottram
13. Perinatal and Pediatric Respiratory Care (March 2014) by Brian K. Walsh, Michael P. Czervinske, Robert M. DiBlasi

If you are unable to access any of these journal articles or books, please contact the College of Physicians and Surgeons of BC library at: [www.cpsbc.ca/library](http://www.cpsbc.ca/library)