Cystic Fibrosis – Correlation with Genetics

SUGGESTED READING:

• Robbins Pathologic Basis of Disease (Kumar, Abbas, Aster) 9th Edition, pp. 465-471 (Inborn Errors of Metabolism and Other Genetic Disorders)


LEARNING OBJECTIVES:

1. Describe the genetics of cystic fibrosis, the inheritance pattern, the protein that the gene encodes and the theory on how the genetic mutation leads to the clinical manifestations of the disease.

2. List the organs involved in cystic fibrosis and the resultant clinical manifestations.

3. Describe how you would diagnose a patient who you suspect may have cystic fibrosis.