CONGENITAL HEART DISEASE

Date: Thursday, September, 2018 – 1:00 - 3:00pm

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Key Concepts and Learning Objectives:

1. To understand the common types of congenital cardiac anomalies.
2. To understand the basic concepts, mechanisms and hemodynamics related to these anomalies.
3. To appreciate the fact that most of the common and simple cardiac anomalies are surgically corrected and many are living a normal life.
4. What is a shunt? Give Examples. What is the common type of atrial septal defect? Describe the defect in detail.
5. In what part of the ventricular septum does a ventricular septal defect occur frequently? Describe the defect.
6. Give the reasons for development of pulmonary hypertension in left to right shunts in common type of congenital cardiac anomalies.
7. Describe the congenital cardiac anomaly where collateral anastomoses may develop.
8. What is tetralogy of Fallot? Describe in detail.
9. Describe the pathology (structural change), pathophysiology of atrial septal defect, ventricular septal defect, patent ductus arteriosus, and tetralogy of Fallot.
10. Draw the anatomical (structural) change in the cardiac anomalies listed in question six. In general, determine the pressure changes in flow of blood in these anomalies.