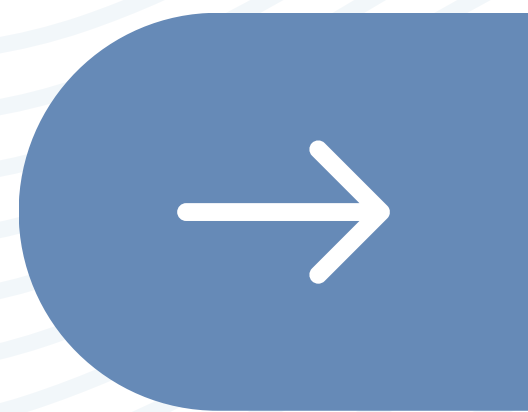


#DIBS BY NEXTILLO

DAILY INFORMATION BULLETIN SERVICE

CONGENITAL HEART DISEASE





#DIBSBYNEXTILLO

DAILY INFORMATION BULLETIN SERVICE

CONGENITAL HEART DISEASE

It is a one or more defect in heart's structure that is present at the time of birth, it can be diagnosed before birth.



ACYANOTIC CONGENITAL HEART DISEASE

- ***VENTRICULAR SEPTAL DEFECT***- Defect in the *inter-ventricular septum*, Detected around 6 wks of age, *Ventricular left-to-right shunt, RV and LV volume overload*, Can cause *pulmonary hypertension*, Surgically treated.
- ***PATENT DUCTUS ARTERIOSUS***- Persistence of the *ductus arteriosus postnatally*, *Left-to-right shunt from the aorta to the pulmonary artery*, Can be detected at birth or around 6 weeks of age, *Wide split 2nd heart sound is heard*



CYANOTIC CONGENITAL HEART DISEASE

- **TETRALOGY OF FALLOT**
- ❖ *It includes Subpulmonic stenosis, Concentric right ventricular hypertrophy, Ventricular septal defect(right->left shunt), Overriding of aorta*
- ➤ **TRIOLOGY OF FALLOT**
- ❖ *It includes-Atrial septal defects, Pulmonary stenosis, Right ventricular hypertrophy.*
- ➤ **PENTOLOGY OF FALLOT**
- ❖ *It includes components of Tetralogy Of Fallot and Atrial Septal Defect(T.O.F + ASD)*



DIAGNOSIS

- ***Electrocardiogram (ECG)***
- ***Chest X-ray.***
- ***Echocardiogram***
- ***Transesophageal echocardiogram***
- ***Exercise tests or stress tests***
- ***Heart CT scan and heart MRI***
- ***Cardiac catheterization***



MCQ

QUESTION

Q. Limbus fossa ovalis and floor of fossa ovalis represent?

A. Septum primum

B. Septum secundum

C. Septum primum & septum secundum

D. Septum secundum & septum primum

• Ans-C.