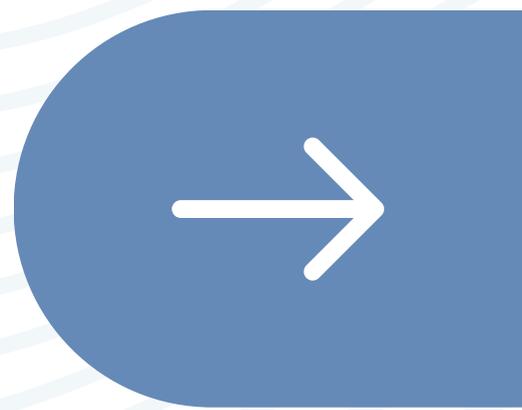


#DIBS BY NEXTILLO

DAILY INFORMATION BULLETIN SERVICE

CONGENITAL HEART DISEASE





#DIBSBYNEXTILLO

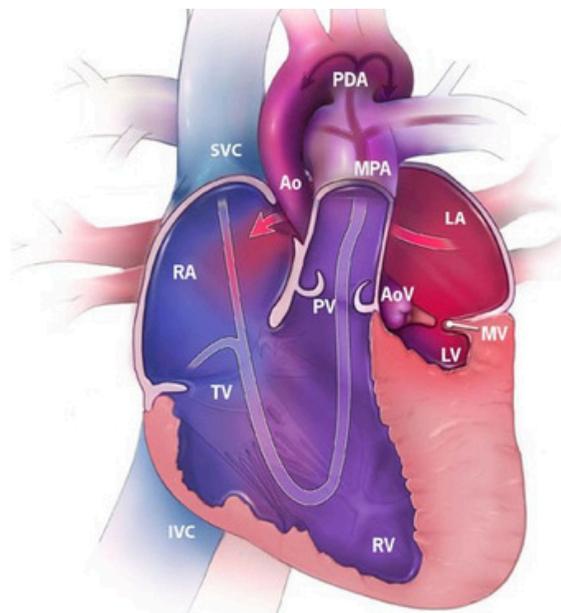
DAILY INFORMATION BULLETIN SERVICE

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.



IMAGE DESCRIPTION



Hypoplastic Left Heart Syndrome

- ***Hypoplastic left heart syndrome (HLHS) is a birth defect that affects normal blood flow through the heart.***
- ***baby with this defect needs surgery or other procedures soon after birth, HLHS is considered a critical congenital heart defect (CCHD).***
- ***The left ventricle is underdeveloped and too small.***
- ***The mitral valves is not formed or is very small.***
- ***The aortic valve is not formed or is very small.***
- ***The ascending portion of the aorta is underdeveloped or is too small.***
- ***babies with hypoplastic left heart syndrome also have an atrial septal defect, which is a hole between the left and right upper chambers (atria) of the heart.***



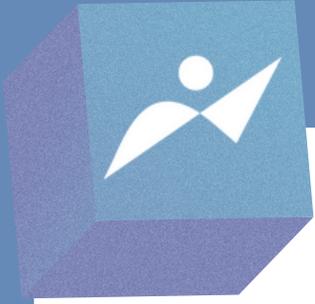
ACYANOTIC CONGENITAL HEART DISEASE

VENTRICULAR SEPTAL DEFECT

- ***Defect in the inter-ventricular septum, Detected around 6 weeks 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.) *Septum Primum & Septum Secundum*