



ন্যাশনাল হার্ট ফাউন্ডেশন হাসপাতাল অ্যান্ড রিসার্চ ইনস্টিটিউট  
NATIONAL HEART FOUNDATION HOSPITAL & RESEARCH INSTITUTE

**RADIOLOGICAL REPORT**

PT'S NAME :	AFIFA JANNAT ARASHI	AGE :	01 MONTH
REFERRED BY PROF/DR :	MOHAMMAD SHARIF-UZ-ZAMAN MBBS MS.	DATE:	17-04-2023
NATURE OF CT SCAN:	CT PULMONARY ANGIOGRAM	SL NO-	204
		SEX:	Female

MDCT pulmonary angiography performed using non-ionic contrast with bolus tracking technique followed by MPR & 3D reconstructions.

**Clinical information:** H/O Exertional dyspnoea with bluish coloration of nail & body from birth.

**Findings:**

**Pulmonary Vessels:** There is presence of a truncus arteriosus. Pulmonary infundibulum & valve are absent. Truncal valve is present. There is evidence of a small main pulmonary artery, arising from the left lateral aspect of the truncus (about-17.7 mm above the truncal valve). Main pulmonary artery is bifurcating into the right & left branches & are of normal appearances. Four pulmonary veins are well visualized & drained normally into the left atrium. No evidence of **APVC** is detected.

**Great Vessels:** Truncus arteriosus is present & overriding the ventricular septum towards right ventricle is **about- 57% (approx)**. Truncal valve is of normal appearances. Aortic arch is on the left side. All the branches are of normal appearances. Aortic arch of the aorta & descending thoracic aorta are of normal appearances. No evidence of **PDA/MAPCA /PLSVC** is detected. **Superior & inferior venae cavae** are well formed & drained normally into the right atrium.

**Heart:** Four chambered heart is seen. Levo-cardia is in position. Right ventricle is hypertrophied. There is evidence of a sub truncal type of **ventricular septal defect**, measures-**8.9 mm × 6.1 mm**. There is also evidence of a small **secundum type of atrial septal defect**, measures-**6.1 mm × 6.1 mm**. Mitral & tri-cuspid valves are of normal appearances.

**Coronary Arteries:** Could not be delineated.

**Peri-cardium:** Is of normal appearances. No effusion is detected.

**Lung Windows:** Patches of hypo-dense opacities are seen in both the lungs-involving most of the lungs (bil.).

*M*

PTO

^PLOT NO-7/2, SECTION-2, MIRPUR, DHAKA-1216, BANGLADESH.

Phone : +88-02-58054708-12, Fax: +88-02-48039237, Facebook: www.facebook.com/bangladesh.heartfoundation

www.nhf.org.bd E-mail : nhfadmin@agni.com, admin@nhf.org.bd