

- (d) Absence of annulus ovalis and of Eustachian valve.
- (e) Dilated coronary sinus guarded by a defective valve of Thebesius.
- (f) The greatly hypertrophied and dilated sinus of the right ventricle.
- (g) Entrance of superior vena cava.
- (h) Entrance of inferior vena cava.
- (i) Passage to conus of right ventricle.

(From a specimen in the Pathological Museum of M'Gill University, Montreal.)

PLATE XXXII.

FIG. 2.—*Heart from Case 1. View of the conus arteriosus of the right ventricle, showing its great hypertrophy and dilatation, the great dilatation of the pulmonary artery and orifice, and the marked thickening, deformity, and calcification of the pulmonary valves.*

- (a) Superior vena cava entering the right auricle.
- (b) The dilated pulmonary artery.
- (c) Calcareous excrescences on pulmonary valves.
- (d) The hypertrophied and dilated conus of the right ventricle.
- (e) The communication of the conus with the sinus of the right ventricle.

PLATE XXXIII.

FIG. 3.—*Heart from Case 1. The left chambers laid open to show:—*

- (a) The relatively small size of the left auricle as compared with the right.
- (b) The defective interauricular septum surmounted posteriorly by a thin fold of endocardium, containing:—
- (c) The closed foramen ovale.
- (d) A pulmonary vein entering the left auricle close to the defect.
- (e) The back of the dilated right auricle.
- (f) The small aorta, and narrow aortic vestibule.
- (g) The cut edge of the dilated pulmonary artery.
- (h) The superior vena cava entering the right auricle.
- (i) The defect in the upper part of the auricular septum.
- (j) The mitral valve.

PLATE XXXIV.

FIG. 4.—*Heart from Case 2, showing large defect in the lower part of the interauricular heart (persistent ostium primum). Dilatation of the pulmonary artery, and cleavage of the anterior segment of the mitral valve. (From a man æt. 35.)*

*Left chambers laid open to show:—*

- (a) The dilated left auricle.
- (b) The fossa ovalis with closed foramen ovale.
- (c) Defect of the lower part of the interauricular septum (persistent ostium primum).
- (d) Cleavage of anterior segment of mitral valve.

(From a specimen in the Pathological Museum of M'Gill University, Montreal.)