

**CD-ROM THE ANATOMICAL ATLAS OF CARDIAC MRI (The Interactive Cardiac MRI Series, Vol.1)**

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**DESCRIPTION:**

The Anatomical Atlas of Cardiac MRI is a comprehensive teaching and training course in the procedures and techniques used in cardiovascular magnetic resonance. This CD comprises 50 topics in two parts, with Part I being a superb, full color pictorial atlas of normal cardiac anatomy, while Part II serves as an extensive data bank of cross-sectional MR images of the heart - a unique and exceptional reference resource. Based on the tried and tested bi-annual International Cardiac MRI course held at Leeds General Infirmary, UK, The Anatomical Atlas of Cardiac MRI exploits the latest multimedia technology to provide a learning and reference tool that will support anyone training or practicing in the field. Developed by Andromeda Interactive in conjunction with Philips Medical Systems, and distributed by Humana Press (PC CD-ROM Only).

**CONTENTS:**

**Part 1. Normal Cardiac Anatomy.**

Thoracic cage. The thoracic cavity. The mediastinum. The heart in situ. The pericardium and the pericardial cavity. Heart surface anatomy - anterior/sternocostal surface. Heart surface anatomy - posterior/basal surface. Heart surface anatomy - inferior diaphragmatic surface. Right atrium. Interatrial septum. Left atrium. The ventricles. The right ventricle. The left ventricle. The ventricular septum. The left ventricular outflow tract. Structure of the myocardium. Base of the heart. Fibrous skeleton of the heart. Atrioventricular valves. Mitral valve. Tricuspid valve. Semilunar valves. Aortic valve. Pulmonary valve. The great arteries. The pulmonary arterial tree. Ductus arteriosus.

**Part 2. Cross-Sectional MRI Anatomy.**

How to use this section. Transverse thoracic images - T1 weighted. Coronal images of the thorax - T1 weighted. Sagittal-oblique images of the aorta - T1 weighted. Transverse mediastinal images - T1 weighted. Transverse fat suppressed mediastinal images - T1 weighted. Transverse mediastinal images - T2 weighted. Left ventricular short axis - T1 weighted images - in systole. Left ventricular short axis - T1 weighted images - in diastole. Transverse thoracic cine images. Vertical long axis cine - left ventricle. Left ventricular short axis cine images. Four-chamber orientated cine images. Four-chamber orientated multi-slice cine images. Vertical long axis cine images - right ventricle. Right ventricular outflow tract cine images. Short axis left ventricular multi-slice cine images. Left ventricular radial multi-slice cine images. Left ventricular outflow tract coronal-oblique cine images. Left ventricular outflow tract sagittal-oblique cine images. Left ventricular outflow tract sagittal-oblique multi-slice cine images. Aortic valve transverse (axial) multi-slice cine images. Inverted images - chest wall anatomy.

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