

---

## Contents

<b>1</b>	<b>The Making of a Master: Leonardo, His Life and Times</b> . . . . .	<b>1</b>
<b>2</b>	<b>Leonardo, Anatomist or Natural Philosopher?</b> . . . . .	<b>17</b>
	Anatomy in the Time of Leonardo . . . . .	19
	Anatomy for the Artist . . . . .	24
	Leonardo's Anatomical Work . . . . .	24
	The Intellectual Process . . . . .	29
	Leonardo's Book of Anatomy . . . . .	31
	Leonardo's Writing . . . . .	32
<b>3</b>	<b>Leonardo's Use of Drawing</b> . . . . .	<b>35</b>
	The Types of Drawing . . . . .	37
	Thinking Through Drawing . . . . .	39
	Compilation and Summarized Memory . . . . .	41
	Schematic and Diagrammatic Drawing . . . . .	41
	Representational Drawing . . . . .	42
	Four-Dimensional Drawing Implying Movement . . . . .	42
	Drawing with the Left Hand . . . . .	42
	<b>Leonardo Da Vinci Drawings</b> . . . . .	<b>47</b>
<b>4</b>	<b>Leonardo's Heart</b> . . . . .	<b>173</b>
	The Normal Working Heart . . . . .	174
	Leonardo's Methodology . . . . .	178
	The Centenarian . . . . .	183
	The Position and Status of the Heart . . . . .	190
	The Nature of the Heart . . . . .	192
	The Movement of the Heart . . . . .	196
	The External Appearance of the Heart and the Coronary Vessels . . . . .	201
	The Internal Structure of the Heart . . . . .	207
	The Atria and the Atrioventricular Relationship . . . . .	208
	The Interior of the Ventricles and the Atrioventricular Valves . . . . .	209
	The Atrioventricular Valves . . . . .	219
	The "Base" of the Heart . . . . .	229
	The Aortic and Pulmonary Valves . . . . .	229
	The Bronchial Blood Supply . . . . .	239
	The Circulation of the Blood . . . . .	240
<b>5</b>	<b>Leonardo: A Personal Legacy</b> . . . . .	<b>243</b>
<b>6</b>	<b>Leonardo Scholarship and the Cataloguing of the Anatomical Manuscripts</b> . . .	<b>249</b>
	The Order of the Drawings . . . . .	250
	<b>Selected Bibliography</b> . . . . .	<b>251</b>
	<b>Index</b> . . . . .	<b>253</b>

<http://www.springer.com/978-1-4471-4530-1>

The Heart of Leonardo

Foreword by HRH Prince Charles, The Prince of Wales  
Wells, F.

2013, XXII, 256 p. 145 illus., 144 illus. in color.,

Hardcover

ISBN: 978-1-4471-4530-1