

# Contents

<b>1 Introduction and overview</b>	<b>1</b>
<b>2 Cells of the nervous system</b>	<b>32</b>
<b>3 Peripheral nervous system</b>	<b>36</b>
<b>4 Autonomic nervous system</b>	<b>46</b>
<b>5 Coverings of the central nervous system</b>	<b>50</b>
<b>6 Ventricular system</b>	<b>56</b>
<b>7 Vasculature of the central nervous system</b>	<b>61</b>
<b>8 Spinal cord</b>	<b>69</b>
<b>9 Brainstem</b>	<b>91</b>
<b>10 Cranial nerves and cranial nerve nuclei</b>	<b>102</b>
<b>11 Cerebellum</b>	<b>117</b>
<b>12 Thalamus</b>	<b>124</b>
<b>13 Cerebral hemisphere and cerebral cortex</b>	<b>131</b>
<b>14 Basal ganglia</b>	<b>146</b>
<b>15 Visual system</b>	<b>155</b>
<b>16 Hypothalamus, limbic system and olfactory system</b>	<b>160</b>
<b>17 Problem-solving</b>	<b>171</b>
<b>Glossary</b>	<b>179</b>
<b>Patient symptom index</b>	<b>182</b>
<b>Index</b>	<b>183</b>