



Ioana Mozos

Pathophysiology

Lecture Notes for Dental Medicine



LAMBERT
Academic Publishing



Table of contents

Cardiovascular and respiratory pathophysiology

- | | |
|---|----|
| 1. Atherosclerosis. Coronary heart disease..... | 5 |
| 2. Disorders of blood pressure | 25 |
| 3. PP of rhythm and conduction disorders..... | 45 |
| 4. Pathophysiology of heart failure..... | 57 |
| 5. Pathophysiology of circulatory shock | 72 |
| 6. Pathophysiology of the respiratory system..... | 77 |

Pathophysiology of the blood

- | | |
|---|-----|
| 7. Pathophysiology of red blood cells | 100 |
| 8. Pathophysiology of white blood cells | 115 |
| 9. Pathophysiology of hemostasis | 128 |

Pathophysiology of the renal and digestive system

- | | |
|--|-----|
| 10. Pathophysiology of the kidney..... | 147 |
| 11. Pathophysiology of the oral-dental unit..... | 166 |
| 12. Digestive pathophysiology..... | 185 |

General pathophysiology

- | | |
|---|-----|
| 13. PP of thermoregulation and fever | 201 |
| 14. Pathophysiology of inflammation..... | 214 |
| 15. Pathophysiology of carbohydrate metabolism..... | 229 |
| 16. Pathophysiology of pain | 243 |
| 17. Disorders of calcium and phosphates balance | 252 |
| 18. Disorders of the acid-base balance | 267 |
| 19. Disorders of fluid and electrolyte balance | 274 |
| References | 283 |