Subject Index

a-A CO₂ difference 305 A-a O₂ difference 305 Acid-base balance 206 Adult respiratory distress 318 Adult respiratory distress syndrome 264 Airway resistance 97,327 Allergic alveolitis 87 Alveolar ventilation 305 Analog computer 213 Asbestos effusion 229 Asbestos exposure 158 Asbestososis 229 Assisted ventilation 256 Asthma 301,345 Atelectatic lung 61 Bacterial infection 295 β-Blockers 131 β-Blocking agent 301 Body plethysmography 327 Bromhexine 264 Bronchial 39 Bronchial compliance 97 Bronchial lability index 251 Bronchial papilloma 286 Bronchial peristalsis 97 Bronchial resistance 301 Bronchial secretion 172 Bronchial system 97 Broncholar peristalsis 8 Bronchoconstriction 144 Bulk modulus 344 Capillary permeability 172 Carazolol 301 Carcinoma of the bronchus 166 Cardioselectivity 301 Cats 131 Characteristic quantities of the bronchial system 97 Chest compression 241 Chest wall 241 Chronic bronchitis 49 Chronic obstructive lung disease 206 Chronic PaCO₂ 206 Clamped pulmonary artery 61 Cloprednol 345 Closing capacity 307 Concordant reaction 97 Continuous positive airway pressure 318 Control of ventilation 131,139 CO₂ response 307 CO₂ response curves 139 Cornell Medical Index 193 CO test in steady state 28 Dead air plateau 8 Dead space 97 Dead space volume 8 Delivery 185 Development of the airways 344 Diagnosis of pulmonary carcinoma 291 Diffusion 87 Digital computer 213 Discordant reaction 97 Distribution 87 Distribution of ventilation 333 DPLmonolayer 150 EctopicACTH 114 Elastic properties of the trachea 344 Elderly people 49 Electrolytes 314 Electron microscopy 323 Encephalopathy 307 Eosinophilia 119 Epidemiological study 28,49 Erythrocyte 314 Exercise-induced asthma 251 Experimental chronic pulmonary hypertension, regression 272 Exposure to sulfur dioxide 39 Fibrothorax 283 Flow-volume curves 1,158 Forced expiratory volume 193 Forced vital capacity 193 Fractional uptake 28 Gas exchange 307 Granulocyte peroxidases 314 Growth 1
Smoking 193
Specific airway conductance 327
Stabilization of dead space volume 8
Surface pressure 150
Syndrome 318
System identification 75
Systemic hypertension 188
Tartrazine asthma 276
To 28
Total body buffering capacity 206
Toxicity 318
Tracheal mechanics 344
Ultrasound study 219
Undesired side-effects 301
Unloaded breathing 256
Vagus nerve 144
Venous admixture 305
Ventilation 87, 121
Ventilation-perfusion ratios distribution 61
Ventilatory control 121
Volatile aromatics 150
Washout 213
Work of breathing 241