Absorbed dose, 143
Actin filament, 133
Ageing, 11
Arden Syntax, 245
Artificial ventilation, 233
ARX model, 227
Backscattering, 227
Bone densitometry, 53, 127
Brain, 11
Brain damage, 19
Bypass graft anastomosis, 197
Carbon adsorbent, 155
Chromosome analysis, 171
Circulating system, disease, 45
CO₂-laser, 223
Computed Tomography Dose Index, 143
Computer, 223
Computer simulation, 197
Connecting filament, 133
Coronary angioplasty, 165
Coronary perfusion pump, 165
Data management, 265
Decision Support, 245
Decision-support system, 233
Detection, 181
3D image analysis, 53
DXA, 127
Ergonomics, 265
Expert system, 233
Fluid dynamics, 197
Glucose sensor, 215
Health care practice, 295
Hemolysis, 165
Hemoperfusion, 155
Hemosorbent, 155
High dependency environment, 265
High resolution computed tomography, 143
Histomorphometry, 223
Image analysis, 171
Imaging parameter, 143
Information system, 253, 273
Integrated biosensor, 215
Intimal hyperplasia, 197
Intubation, 281
Knee joint, 53
Knowledge-based system, 171, 233
Lactate sensor, 215
Laser diode, 219
Light modelling, 227
Lung, 143
Magnetic resonance angiography, 181
Mechanical assistance, 45
Medical record system, 253
Medical research, 295
Medical technology, 295
Melanoma, pigmented, 219
Micro-computers, 19
Minimally invasive, 67
Muscle contraction, 133
Myosin filament, 133
Nebulizer, 209
Optical fiber, 219
Oral mucosa, 223
Osteoarthritis, 53
Osteoporosis, 127
Pediatric, 67
PET, 11
Photodynamic therapy, 219, 227
pH-sensor, 215
Problem-oriented data presentation, 273
Protocol, 253
QCT, 127
Quantification, 181
Quantitative computed tomography, 53
Rehabilitation, 19
Rendering, 181
Respiration, 281
Respirator system, 233
Respiratory therapy, 209
Structuring free text, 253
Surgery, 67
System Development, 245
System engineering, 265
System ergonomics, 273
Thermal necrosis, 223
Thin-film technology, 215
Tracking, 181
Vaporizer, 209
Ventilator management, 233
Ventilator weaning, 281