

3-dimensional treatment planning, 170

A

Abdominal visceral arteriography, 375

Accessory skin structures, 227

Acid-base disturbances, 324

ACTH stimulation test, 11

Acute apnea, 87

Acute coronary syndrome, 367

Acute hepatitis, 264

Acute or early complication, 179

Acute pain, 95

Acute side effects, 253

Adenocarcinoma, 426

Adequate exillary management, 182

Adjustment of life-style, 154, 155

Adjuvant radiation, 181

Adjuvant treatment, 183

Adrenal gland, 9

Adrenal insufficiency (AI), 10, 12, 13

Adrenaline, angiotensin II, 48

Adrenocorticotropic hormone (ACTH), 10),
47

Advance care plan, 153, 163

Advance statement 137

Advancement flap, 230

Adverse reaction, 343, 397

Afferent signals, 44

Afterload, 49

Aim of skin closure, 218

Airway obstruction, 86, 178

Albumin excretion, 278

Alveolar partial pressure of oxygen, 268

Amino acid, 60

Anal cancer, 186

Anatomical imaging, 368

Anechoic, 382

Anesthesia, 269

Angiocardiology, 340

Angiogenesis, 289

Angiogenic growth factor, 292

Angiogram, 373

Annealing temperature, 67

Antegrade femoral artery puncture, 374

Antero-posterior view, 334

Antiepileptic drugs (AEDs), 112

Antimetabolites, 259

Antimicrobial ointments, 38

Aortography, 375

Arterial blood gas, 263

Arteriogenesis, 289

Articular cartilage, 401

Artificial plasmid DNA, 74

Ascending colonic cancer, 372

Association between variables, 302

Asystole, 92

Atypia, 432

Automated external defibrillator (AED), 92

Avulsion wound of ear, 239

B

Balloon angioplasty, 373

Barium agents, 337

Barium enema, 347, 352, 365

Best research evidence, 144

Beta-blockers, 8

Blood borne transmitted infection, 115,
125

Blood-borne pathogen, 124

Blood-cell separator, 296

- Blunt chest trauma, 360
 - Blunt dissection, 198
 - Body water homeostasis, 272
 - Bone marrow mononuclear cells, 294
 - Bone marrow, 253
 - Bone metastasis, 178
 - Brachial plexopathy, 183
 - Brain metastasis, 178
 - Breast cancer, 181
 - Breast conservation therapy (BCT), 181
 - Brightness mode, 382
 - Bronchial arteriography, 375
 - Bronchial fistula, 349
 - Bronchoalveolar cell carcinoma, 372
 - Buffer, 68
 - Burden of inoculation, 23
- C**
- Cancer, 253
 - Capillary electrophoresis, 71
 - Capillary leak, 50
 - Carbon dioxide angiogram, 336
 - Carbon dioxide, 336
 - Cardiac arrest, 89, 91
 - Cardiac dysfunction, 281
 - Cardiac output, 205, 274
 - Cardiac pacemaker, 396
 - Cardinal sign of inflammation, 18
 - Cardiovascular changes, 274
 - Cardiovascular disease, 205
 - Cardiovascular physiology, 265, 280
 - Cardiovascular system, 40
 - Care of possible complications, 156
 - Cell-based nucleic acid amplification, 66
 - Central dogma, 62
 - Central line-associated blood stream infection (CLA-BSIs), 36
 - Central mechanisms, 100
 - Central sensitization, 98, 99
 - Cerebral blood flow, 356
 - Cerebral blood volume, 346
 - Chance or random variation, 302
 - Changes in flow rates, 268
 - Changes in volume, 267
 - Changes of plan, 161
 - Characteristics of grafted skin, 226
 - Chest X-ray, 196, 277
 - Cholangiocarcinoma, 363
 - Chromatin/histone, 61
 - Chronic HCV infection, 127
 - Chronic limb ischemia, 288
 - Chronic obstructive pulmonary disease, 263
 - Chronic or late complication, 180
 - Chronic pain after surgery, 96
 - Chronic pain, 96
 - Cine MRI, 402
 - Circulatory homeostasis, 48
 - Cisternography, 341
 - CLA-BSIs, 36
 - Classification of skin flaps, 228
 - Claustrophobia, 396
 - Clinical expertise, 144
 - Clinical features, 321
 - Clinical guideline, 132
 - Clinical hepatitis syndrome, 123
 - Clinical practice guideline, 143
 - Clostridium* spp. 32
 - CNS impairment, 86
 - CNSAIDs, 104
 - Coagulogram, 196
 - Cochlear implant, 396
 - Codeine, 106
 - Cognitive impairment, 270
 - Colonic biopsy, 352
 - Colonic perforation, 352
 - Color of grafted skin, 227
 - Common femoral artery, 374
 - Common femoral vein, 389
 - Co-morbid surgical patients, 253, 260

- Compartment syndrome, 346
Complementary base, 55
Complementary nucleotide, 65
Computed tomographic angiography (CTA), 356
Computed tomography perfusion, 356
Computed tomography, 330
Concurrent chemoradiation, 178, 186
Conditions for take, 224
Consent for transfusion, 138
Constrictive pericarditis, 404
Continuity of care, 154, 155
Contraction of grafted skin, 226
Contrast agents, 335
Contrast induced nephrotoxicity, 345
Conventional 2-dimensional radiotherapy, 170
Conventional axial computed tomography, 354
Conventional radiograph, 330, 334
Coronary and pulmonary angiography, 341
Coronary CT angiography, 367
Corticotrophin-releasing hormone (CRH), 10
Covariability, 302
COXIBs, 104
Crikelair, 218
Criteria for defining, 21
Critical limb ischemia, 288
CT colonoscopy (CTC), 336, 352, 365
Cultured cell, 73
Cyanosis, 87
Cyclophosphamide, 255
Cystic fibrosis transmembrane regulator (CFTR), 82
Cytosine (c), 55
- D**
- Decision making, 131
Decreased cardiac output, 46
Decreased respiratory effort, 86
Decreased-black-priority-0, 251
Degree of viremia, 116
Delay conditions tissue to ischemia, 234
Delayed adverse reactions, 343
Delayed primary closure, 30
Deoxyribonucleic acid (DNA), 52
Detect disease recurrence, 166
Deterministic effect, 332, 333
Dexamethasone sodium sulfate, 344
Diabetes mellitus, 1, 284
Diabetic autonomic neuropathy, 2
Diabetic nephropathy, 2
Diabetic neuropathy, 3
Diabetic neuropathy, 111
Diagnoses talk, 160
Diagnostic angiogram, 373
Diagnostic radiology, 166
Diastolic blood pressure, 274
Dideoxynucleotide (ddNTP), 70
Diffusion weighted imaging, 399
Dilated cardiomyopathy, 404
Diminished degree of differentiation, 425
Diminished venous return, 45
Diphenhydramine, 345
Direct tissue closure, 220
Distal artery run-off, 288
Distal sonographic beam attenuation, 400
Distant flap, 231
Distribution-free statistical test, 313
Diverticular disease, 352
DNA ligase, 57
DNA polymerase III, 57
DNA polymerase, 1, 56, 68, 57
Donor site selection and graft harvest, 224
Double contrast barium enema, 336, 353
Double contrast esophagogram, 350
Double contrast study, 353
Double contrast upper gastrointestinal study, 351

Double helix DNA, 56
Drain abscess, 166
Drug interactions, 253
Durability, 237
Dynamic contrast enhancement, 400

E

Early detection, 156
Echogenicity, 382
Effect of oxygen therapy, 27
Efferent signals, 45
Effervescent agents, 350
Elderly surgical patients, 253
Elective premedication, 344
Electrocardiography (ECG) lead, 402
Electrolytes, 195
Electromagnetic radiation, 331
Electronic devices, 396
Electrophoresis, 65
Embryonic stem cell, 76
Emergency premedication, 344
Emotional and spirituality issues, 158
End-diastolic wall, 49
Endocrine function, 325
End-of-life care, 272
Endogenous contamination, 23
Endoplasmic reticulum, 59
Endoscopic ultrasound, 365
Endothelial cell marker, 293
Endothelial cells, 289
Endothelial progenitor cells (EPCs), 290, 293
Endothelium, 50
Endotoxin, 48
Endovascular aneurysm repair, 358
Endovascular treatment, 288
Energy-dependent mechanisms, 50
Enzyme immunoassay (EIA), 124
Enzyme linked immunosorbent assay, 117
Enzyme-linked receptor, 78

EPCs, 293
Errors in wound management, 239
Esophageal cancer, 188
Esophagealtracheal fistula, 349
Esophagogram, 347, 348, 349
Ethanol or drug intoxication, 323
Ethidium bromide, 65
Etiology, 321
Evaluate treatment complication, 166
Evaluating the validity of a therapy study, 147
Evidence-based practice, 143
Evidence-based, 131
Evoked pain, 99
Exogenous contamination, 23
Expression microarray, 80
External beam radiotherapy, 169
Extracellular fluid deficit, 50
Extracellular space, 337
Extracorporeal plasma therapies, 33
Extracranial lesion, 190
Extragenomic DNA, 66
Extravasation of contrast media, 346
Extravascular, 337
Extremely agitated, 87
Extremity arteriography, 377

F

Fentanyl, 107
Ferromagnetic intracranial aneurysm clips, 396
Flap delay, 233
Flaps, 228
Fluoroscopy, 330
FNA inadequate or not performed, 422
FNA interpreted as benign, 422
FNA positive for papillary carcinoma, 421
FNA suggestive of follicular neoplasm, 422
FNA suspicious for papillary carcinoma, 422

Foreign countries and prisons, 142
Frontal projection, 334
Frozen section, 413, 419
Full-thickness skin graft, 222
Functional imaging, 368
Functional insulin insufficiency, 2

G

Gadolinium-based contrast media, 397
Gastric cancer, 189
Gastroesophageal reflux, 349
Gastrointestinal mucosa, 253
Gastrointestinal syndrome, 332
G-band karyotyping, 62
Gene regulatory proteins, 60
Gene therapy, 82
Genetic knock-out mouse, 77
Genetic knockout animal, 76
Genetic polymorphisms, 73
Genitourinary toxicity, 255
Genome wide association study (GWAS),
73
GI system, 277
Give suitable antibiotics, 20
Glomerular filtration rate, 278
Glucocorticoid, 13
Glucose control, 27
Goals of care, 151, 161
Good clinical care, 132
Good surgical practice, 131
G-protein linked receptor, 78
Greyscale mode, 382
Grief and bereavement care, 151
Gross examination, 417
Growth, 237
Guanine (G), 55

H

Hair follicles, 253
Hair growth and sebaceous secretion, 237

Hair removal, 26
Half-life, 27
HBV, 121
Health, 141
Heimlich maneuver, 88
Helix, 55
Hematologic system, 279
Hematopoietic syndrome, 332
Hemodialysis, 123
Hemodynamic status, 5
Hemogenous, 383
Hemoglobin, 195
Hemothorax, 360
Hepatic dysfunction, 264
Hepatic hemangioma, 363
Hepatitis B virus, 120
Hepatitis C virus, 122
Hepatitis, 120
Hepatocellular carcinoma, 401
Hepatocellular carcinoma, 385
Hepatocyte, 400
Hepatotoxicity, 255
Hereditary non-polyposis colonic cancer,
72
Heterogeneous, 383
Hiatal hernia, 349
High-dose-rate (HDR) brachytherapy, 171
High-throughput genetic analysis, 79
HIV infection, 118, 118
HIV, 116
Homozygous recombination, 77
Human genome project (HGP), 79
Human immunodeficiency virus (HIV), 196
Hybridization probe, 70
Hydrostatic pressure, 347
Hydroxylation, 59
Hyperbaric oxygen (HBO) therapy, 33
Hypercarbic acidemic state, 199
Hyperechoic, 383
Hyperparathyroidism, 1

Hyperthyroidism, 6, 7
Hypervascular metastases, 363
Hypoechoic, 383
Hypothalamic-pituitary-adrenal axis, 10, 45, 47
Hypothermia causes characteristic, 323
Hypothermia for basic science, 321
Hypothermia impairs renal concentrating abilities, 325
Hypothyroidism, 7, 9
Hypoxia inducible factor-1 alpha, 289

I

Identified and control source of infection, 19
Identified pathogen, 19
Idiosyncratic anaphylactoid reactions, 342
Image-guided core needle biopsy, 166
Immediate-red-priority-1 (P-1), 251
Immobile hypothermic patient, 325
Immobilization period for skin, 225
Immune status, 116
Immunocompromised host, 18
Immunocompromised surgical patients, 253
Immunohistochemistry, 70
Immunosuppressive drug, 258
Impaired sphincter function, 186, 187
Impairment EKG or echocardiography, 282
Implantable cardioverter defibrillators, 396
Improvement of host defense influence of body temperature, 27
Improves or increases vascularity, 234
Incise drapes, 26
Incisional hernia, 198
Incompressibility, 390
Inflammatory bowel disease, 352
Inflammatory pain, 96
Infra-genicular artery angioplasty, 374
In-hospital cardiac arrest, 90

Inoperable disease, 182
In-situ hybridization, 62
Inspiratory pressure, 205
Intermediate split-thickness skin graft, 222
Interstitial implantation, 171
Intracellular swelling, 50
Intracranial pressure, 213
Intraluminal insertion, 171
Intramural hematoma, 358
Intraoperative consultation, 419
Intra-peritoneal mesh, 210
Intravenous drug users, 117
Intravenous urography, 340
Invitro amplification, 67
In-vivo transfection, 76
Ion-channel-linked receptor, 78
Ionic dimers, 339
Ionic monomers, 338
Ionizing radiation, 167
Ischemic heart disease, 402
Island flap, 231
Isoechoic, 383
Iso-osmolar, 349

K

Chronic kidney disease, 398
Ketamine, 111

L

Lagging strands (Okazaki's fragments), 57
Lamor frequency, 392
Laparoscopic resection, 212
Laparoscopic surgery, 192, 208
Late gadolinium enhanced MRI, 403
LDR brachytherapy, 172
Liver dysfunction, 258
Liver function tests, 196
Living will, 137
Locally-advanced, 182
Loco-regional recurrence, 182

Longitudinal magnetization, 394
Longitudinal relaxation, 394
Long-term disease-free survival, 211
Low-dose-rate (LDR) brachytherapy, 172
Low-osmolar contrast media, 349
Lung fibrosis, 183
Lymph node positive, 182

M

Magnetic resonance imaging (MRI), 356, 390
Maintaining good surgical practice, 134
Maintaining the blood supply of the flap, 232
Maintaining trust, 138
Major adverse cardiac events, 367
Mass casualty incident, 242
Maximal heart rate, 266
Mechanical bowel obstruction, 211
Medical triage tag, 245
Medium-dose rate (MDR) brachytherapy, 172
Melanoma, 427
Mental status (neurological assessment: AVPU), 252
Mental status, 248
Metabolic acidosis, 212
Metabolic causes, 323
Metabolic disorders, 87
Metastatic cancer, 189
Method of movement, 230
Methyl prednisolone sodium succinate, 344
Microcirculation, 50
Mid-axillary line, 387
Minimal residual disease, 81
Mitochondrial genome, 61
Moderate reactions, 343
Molecular disease marker, 52
Monitoring flap vascularity, 234
Mononuclear cells, 296
Morphine, 106
Morrison pouch, 387
Movement mode, 382
MRI contrast media, 397
Mucinous adenocarcinoma, 372
Mucinous cystadenocarcinoma, 212
Mucinous gastrointestinal adenocarcinomas, 212
Mucous membrane, 123
Multi-detector computed tomography, 354
Multimodal analgesia, 110
Multiorgan dysfunction syndrome, 17
MYCN amplification, 63
Myelography, 341
Myelosuppression, 256

N

Necrotizing soft tissue infection (NSTI), 31
Negative contrast agents, 336
Negative, 432
Neovascularization, 289
Nephrogenic systemic fibrosis, 396, 398
Net magnetization, 392
Neuroblastoma, 63
Neuroendocrine, 44
Neuromuscular disorders, 87
Neuropathic pain, 96, 99, 103, 111
Neuro-stimular, 396
Nociceptive pain, 96, 97
Non-healing ischemic ulcer, 288
Non-idiosyncratic reactions, 342
Non-ionic dimers, 339
Non-ionic monomers, 338
Non-opioid analgesics, 104
Non-parametric statistical test, 313
Non-reactive antibody, 127
Non-vaccinated, 127
Nuclear atypia, 425

Nuclear medicine, 167
Nucleic acid, 56
Nucleotide chain, 56
Nucleotide separation, 65
Nucleotide, 68
Nutrition, 269

O

Obesity surgical patients, 253
Obesity, 263
Obstructive sleep apnea, 281
Oligonucleotide probes, 80
Open method (hasson technique), 210
Operative-specific risk factors, 272
Opioid analgesics, 106
Opioid-induced hyperalgesia, 108
Opioids, 108
Organ preservation, 186
Organ transplant recipients, 258
Organ, 133
Organ-specific, 44
Orthostatic hypotension, 2
Osteoarthritis, 401
Other comorbidities, 264
Out-of-hospital cardiac arrest, 90
Ovarian metastasis, 372
Overwhelming infection, 87
Oxygen supplementation, 268
Oxygenation, 268

P

Pain control, 95, 270
Pain, 95
Palliative care, 149, 150, 165
Palliative treatment, 182
Pancreatitis and pancreatic necrosis, 325
Paraffin-embedded section, 423
Parametric statistical test, 313
Parathyroid adenoma, 422
Parathyroidectomy, 1
Parenchymal enhancement, 400
Particle beam radiotherapy, 170
Passive elastic recoil, 49
Pathogen virulence, 23
Pathogenesis of infection, 23
Pathophysiology of cardiac, 85
Pathophysiology, 40, 321
Patient performance status, 177
Patient value, 144
Pelvic arteriography, 377
Peptic ulcer disease, 349
Percutaneous nephrostomy, 166
Percutaneous transhepatic biliary drainage, 166
Perfusion weighted imaging, 356
Perfusion, 248
Peripheral blood mononuclear cell, 293, 295
Peripheral mechanisms, 100
Peripheral sensitization, 98
Peripheral vascular resistance, 46
Peritonitis, 211
Permanent section, 413, 423
Persistent post-surgical pain, 96
Personalized medicine, 80
Petidine, 107
Pheochromocytoma, 1
Phosphorylation, 59
Physiologic changes in pregnancy, 272
Physiology in geriatric patients, 264
Physiology in obese patients, 279
Planning a skin flap, 233
Plasmatic imbibitions, 223
Pleural effusion, 166
Pneumatic compression devices, 208
Pneumatic compression, 205
Pneumoperitoneum, 202, 384
Pneumothorax, 360
Popliteal vein, 389

- Popliteal, 374
Portal hypertension, 210
Positive contrast agents, 336, 337
Positive for malignancy, 432
Positron emission tomography-CT, 330, 370
Post evacuation image, 353
Posterior acoustic enhancement, 383
Posterior shadowing, 385
Posterior-axillary line, 387
Postero-anterior view, 334
Post-exposure management, 125
Post-exposure prophylaxis (PEP), 116, 125
Post-herpetic neuralgia, 96
Post-mastectomy radiation (PMRT), 181
Postoperative care, 224, 239
Postoperative delirium, 270
Post-operative hyperglycemia, 284
Postoperative infection, 282
Postoperative infectious morbidity, 283
Post-transcriptional inhibition, 74
Post-translational modification, 59
Precapillary smooth muscle sphincters, 49
Predictive marker, 52
Predisposing factors of OSA, 281
Preemptive analgesia, 102, 110
Pregnancy test, 196
Pregnant surgical patients, 253
Preoperative assessment of renal, 264
Preoperative bathing with antiseptic agent, 26
Preoperative cardiac risk assessment, 260
Preoperative consideration, 192
Preoperative pulmonary risk assessment, 262
Preparation of open wound, 239
Prevention, early detection, 154
Preventive analgesia, 102, 110
Primary adrenal insufficiency, 12
Primary contraction, 226
Primary hyperparathyroidism, 422
Primary triage, 247
Principle of palliative care, 151
Principle of wound closure, 217
Principle of wound preparation, 237
Principles of radiotherapy, 166
Probity in professional practice, 140
Prognostic marker, 52
Prognostication talk, 160
Proinflammatory cytokines, 48
Prophylactic topical antimicrobials, 26
Psychological-related pain, 96
Pulmonary arrest, 85
Pulmonary arteriography, 374
Pulmonary arteriovenous malformation, 337
Pulmonary complication, 263
Pulmonary edema, 343
Pulmonary effects, 324
Pulmonary function test, 201
Pulmonary hypertension, 337
Pulmonary physiology, 267
Pulmonary thromboembolism, 366
Pulmonary toxicity, 254
Pulmonary, 212
Pulmonary complication, 263
Purines (adenine (A), 55
Pyrimidines, 55
- Q**
Quality of life, 272
Quantitative reverse transcription PCR (qRT-PCR), 81
- R**
Radiation absorbed dose, 175
Radiation complication, 179
Radiation dose, 177
Radiation oncology, 167
Radiation proctitis, 186

Radiobiology, 173
Radiofrequency coil, 392
Radioresistant tumor, 174
Radiosensitive tumor, 174
Random variation, 318
Rapid HIV test, 117
Reactive antibody, 127
Recombinant coagulation factor, 214
Recombinant colony-stimulating factors, 256
Recombinant immunoblot assay (RIBA), 124
Rectal and anal cancer, 183
Rectosigmoid colon, 363
Redistribution of cell cycle, 174
Redosing, 27
Reduction in consequences of contamination, 26
Regulatory proteins, 60
Relationships with patients, 137
Relative contraindications, 209
Removal of hematomas and seromas, 224
Renal arteriography, 376
Renal function, 27
Renal physiology in elderly, 268
Respirations, 248
Respiratory arrest, 85, 92
Respiratory fatigue, 87
Respiratory muscle fatigue, 87
Respiratory muscle weakness, 87
Respiratory systems, 276
Restore hemostasis, 19
Restriction endonuclease, 69
Restriction fragment length polymorphisms, 69
Restrictive cardiomyopathy, 404
Retroperitoneal hematoma, 361
Retroviridae family, 116
Revascularization, 232
Reverse (downstream) primer, 67

Rewarming techniques, 327
Rheumatoid arthritis, 401
Rib fracture, 183
Ribonucleic acid (RNA), 52
Ring chromosome, 62
Risk of infection, 115
RNA interference, 74
Route of exposure, 116

S

Sagittal axis, 334
Secondary adrenal insufficiency, 12
Secondary contraction (contraction), 226
Secondary hyperparathyroidism, 422
Secondary intention, 220
Secondary triage, 252
Selection of drugs, 27
Selective gadolinium chelate, 400
Semiconservative, 56
Semidiscontinuous, 56, 57
Sensation and sweating, 237
Sensation of grafted skin, 227
Sense strans, 55
Sentinel lymph node biopsy, 182
Sepsis, 323
Septic shock, 17
Serotonin syndrome, 111
Sertoli cell, 253
Serum cortisol, 11
Setting of goals of care, 162
Severe dermal disease, 323
Severe hemorrhagic cystitis, 255
Severe reaction, 343
Severe sepsis, 17
Severity of exposure, 116
Sexual dysfunction, 186
Shock, 40, 213
Short interfering RNA, 74
Side chain, 59
Signaling pathways, 78

- Single contrast esophagogram, 349
Single contrast upper gastrointestinal, 351
Single-stranded RNA, 74
Skin and subcutaneous fibrosis, 183
Skin decontamination, 26
Skin erythema, irritation, 183
Skin graft adherence, 223
Skin grafting, 220
Small bowel complication, 186, 187
Small well-defined target, 190
Smoking, 30
Smooth muscle cells, 289
Smooth muscle relaxation, 278
Sodium-potassium pump, 50
Somatic pain, 103
Sophisticated technique, 170
Specific consideration, 157, 253
Specimen orientation, 417
Spinal arteriography, 375
Spinal cord compression, 153, 178
Spine reconstruction, 153
Split-thickness skin graft, 222
Spoil-gradient recalled echo, 401
Spontaneous pain, 99
Squamous cell carcinoma, 186, 426
SSI, risk factors, 23
Standard of conduct, 131
Start adult triage system, 249
Step ladder pattern for reconstruction, 219
Steps in EBP process, 144
Stereotactic radiation, 190
Stereotactic radiotherapy (SRT), 190
Stochastic effect, 333, 334, 368
Stress (first pass) myocardial perfusion, 403
Subpericranial space, 387
Subsequent support of the wound, 239
Sudden cardiac arrest-SCA, 85
Superconducting magnet, 391
Superficial femoral vein, 389
Superficial femoral, 374
Superior vena cava (SVC), 178
Superior vena cava obstruction, 153
Supervising, 135
Surgeon's manual, 149
Surgical implants, 396
Surgical infection, 16
Surgical particular patients, 253
Surgical pathology, 411
Surgical site infection (SSI), 17, 20
Surgical trainees, 136
Suspicious for malignancy, 432
Suture removal, 239
Symptoms control, 157
Synonymous SNP, 73
Systemic diseases, 404
Systemic inflammatory response syndrome, 16
Systemic prophylactic antibiotics, 26
- T**
- T1 weighted, 394
T2 weighted, 394
Team of care, 163
Technique of pathology, 411
The phenomenon of bridging, 224
The process of skin graft take, 223
Therapeutic angiogram, 373
Therapeutic neovascularization, 292
Thick split-thickness skin graft, 222
Thrombocytopenic purpura, 214
Thromboembolic disease, 283
Thrombolytic agent, 356
Thymine (T), 55
Thyroid disorders, 6
Timing of administration, 27
Tissue damage and foreign bodies, 26
Tissue transplantation, 133
Toe gangrene, 288
Training, 135

Trajectory of diseases, 152
Tramadol, 110
Transcatheter oily chemoembolization, 166
Transcription factors, 60
Transcutaneous partial oxygen pressure, 296
Transfusion and fluid management, 30
Transient hyperglycemia, 2
Transposition flap, 230, 231
Triage categories, 243
Triage sieve, 247
Triage sort, 252
Triage system, 242
Triage tags, 245
Tricyclic antidepressants (TCAs), 111
Triple codon, 60
Type I polymicrobial, 31
Type II monomicrobial, 31
Type of body substance involved, 116
Type of skin closure, 220
Type of skin graft, 221

U

Unable to speak, 87
Undifferentiated carcinoma, 428
Upper airway obstruction, 86
Upper gastrointestinal study, 347, 348, 349, 351
Urinalysis, 196
Urinary tract infections (UTI), 34

Urinary tract, 278
Urothelial (transitional cell) carcinoma, 427
Uses of flaps, 228

V

Variability, 301
Vascular endothelial growth factor, 289
Vascular malformations, 359
Vasculogenesis, 290
Vasoconstriction, 46, 345
Venous distensibility, 274
Venous return, 205
Ventilation-perfusion, 374
Ventricular contraction, 49
Ventricular hypertrophy, 266
Ventricular tachycardia, 92
Ventriculoperitoneal shunt, 213
Veress needle technique, 210
Veress needle, 210
Visceral pain, 103
Volume of blood or fluid involved, 116
Volume of treatment, 177

W

Water soluble contrast media, 337
Weight, 27
Well-built clinical question, 145
Western blot technique, 117
Whole genome approach, 62
Working with colleagues, 139
Wound condition, 217