

INDEX

- Absolute fixation, 21
Accurate reduction, 38, 131
Adhesive traction, 161
Albee technique, 244
Amputation, 28, 206
Angulation, late, 123
Apley, 199
Apposition, 213
Artificial ensheathing callus, 245
Atrophy, 96
Autogenous iliac bone, 21, 23, 36, 208
- Baker, S. L., 3
Bandage, pressure, 86
Bennett's fracture, 50, 143
Blockey, N. J., 74
Blood-supply, 38
Blount, W. P., 117
Böhler, 61
Bone atrophy, 96
Bone, cancellous, 30, 38
 cortical, 30, 244
 ischæmia of, 22, 30, 38, 39, 208
Bone-graft, cortical, 244
 iliac, 37, 38
 primary, 36
Braun Frame, 170, 182
Bridging the gap, 13, 20, 27, 34
Burrows, H. Jackson, 245
Butterfly fragment, 215
- Caliper splint, 190
Callus, bridging the gap, 13, 20, 27, 34
 ensheathing, 18, 247
 exuberant, 17, 68
 inhibition of formation, 22
 jumping the gap, 20, 22
 pathway, 20, 32, 33, 35, 36
 periosteal, 17
 temporary, 3
 unsound, 190
Cancellous bone, 30, 38
Capener, N., 104
Circulation, 61
Circumferential wiring, 24
Clinical union, 15
Closed treatment, Law of, 70
Coaptation, 22, 36, 215
Collapse, 164
Collar and cuff, 99, 121
Colles' fracture, 9, 50, 124, 128
Compression, 30, 31, 258
Consolidation, defective, 9
Contact, 11, 31, 138
Controlled collapse, 9, 139, 197, 199
Coronet sequestrum, 28
Cortical bone, 30, 244
Cosmetic factors, 117, 139, 222
Counterpoising, 177
Curved plasters, 50
- Darrach's operation, 135
Death of osteocytes, 9
Defective consolidation, 9
Defective fixation, 17
Deformity, late, 55
 'lead-pipe,' 54, 196
 varus, 169
'De-gloved' leg, 239
Delayed correction of deformities, 124
Delayed operation, 41
Delayed reduction, 142, 196
Delayed union, 31, 32
Demarcation, line of, 28
Denham nail, 161
Diastasis, 265
Disimpaction, 131
Displacement, initial, 31, 213
 spontaneous, 32
Distraction, 33
 over-, 100, 164
Double fractures, 27, 220
Dunlop, 113
Dunn, Naughton, 244
- Early movement, joints, 60
Eastwood, 71
Eggers, 31
Elbow, 71, 79
Elmslie, R. C., 245
Encirclage, 26
'End-to-end' rhythm, 92
Epiphysis, lower femoral, 47
External malleolus, 265
External popliteal paralysis, 161
- Fairbank, 199
Femur, plating, 65
Fibrous tissue, 68
Fibula, intact, 32, 216
Finger fractures, 150
Fisk, 171
Fixation, absolute, 21
 defective, 17
 intramedullary, 215
 rigid, 38
 role of, 19
Fixed skeletal traction, 178
Fracture of nail, 36
Fracture repair, 3, 38
 union, 19, 27, 30
Fractures, Bennett's, 50, 143
 Colles', 9, 50, 128
 reversed, 142
 double, 27
 elbow, 71
 femur, condyles, 197
 neck, 9, 160
 pertrochanteric, 10, 160
 shaft, 166

INDEX

- Fractures—*contd.*
 finger, 150
 greenstick, 32, 54, 123
 hip, 72
 humerus, shaft, 99
 supracondylar, 105
 malleolus, 265
 multiple, 27
 os calcis, 76
 patella, 64
 ‘plate-solid,’ 20
 Pott’s, 32, 50, 250
 radius, 41, 77, 116
 shoulder, 73
 Smith’s, 142
 tibia, compound, 233
 condyles, 197
 double, 220
 oblique, 23, 216
 shaft, 205
 spiral, 24, 218
 transverse, 30
 ulna, 41, 116
 undisplaced, 32
 Fractures into joints, 70
 Friedenberg and French, 31
 Full diameter apposition, 213
 Function, joint, 60
 in plaster, 95
 Gap, physiological, 36
 Gravity, 171, 251, 253
 Greenstick fracture, 32, 54, 123
 Groin-ankle cylinder, 202
 Hanging cast, 100
 Haversian systems, 12, 30
 Hell’s gate bridge, 12
 Hey Groves, 234
 Hinge, movement, 38
 soft-tissue, 46, 212
 Humerus, 99, 105
 Hunter, John, 30
 Hydraulic obstruction, 48
 Hyperæmic periosteum, 38
 Hypothesis of joint movement, 68
 Iliac bone, 21, 23, 36, 208
 Inhibition of callus formation, 22
 Initial displacement, 31, 213
 Intact fibula, 32, 216
 Intercellular circulation, 61
 Interosseous membrane, 32, 35
 Interosseous septum, 35
 Intramedullary nail, 21, 168, 215
 Intramedullary stabilisation, 233
 ‘Involucrum,’ 28
 Ischæmia, 22, 30, 38, 39, 208
 Jig-saw puzzle, 43
 Joint function, 60
 Joint movement, 68
 Jones, Sir Robert, 64, 87
 Jumping the gap, 20, 22
 Kirschner wire, 194
 Knee, mobilisation, 199
 movement, 66, 189
 stiff joint, 61, 63
 Lamellar bone, 3
 Late angulation, 123
 Late collapse, 129
 Late deformity, 55
 Law of closed treatment, 70
 ‘Lead-pipe’ deformity, 54, 196
 Leg lengthening, 34
 Line of demarcation, 28
 McKee’s method, 235
 Malleolus, medial, 265
 Manipulation, elbow, 79
 Master sling, 178
 Mastisol, 194
 Membrane, interosseous, 32, 35
 Metal fatigue, 1
 Mitotic figures, 13
 Mobilisation, knee, 199
 Moderator sling, 181
 Moore, Beveridge, 49
 Morandi, 98
 Mortice, compressing, 258
 Movement, early, 60
 hinge, 38
 knee, 66, 189
 Multiple fractures, 27
 Nail, Denham, 161
 fracture of, 36
 intramedullary, 21, 168, 215
 Rush, 233
 Steinmann, 161, 194
 Non-union, 27, 31
 Obstruction, hydraulic, 48
 Operation, delayed, 41
 plastic, 65
 Os calcis, 76
 traction, 196
 Osteocytes, 9
 Osteogenic potential, 23, 24
 Over-correction, 47
 Over-distraction, 100, 164
 Over-reduction, 115, 260
 Padded plaster, 53, 89
 Parallelism, radiological, 223
 Paralysis, external popliteal, 161
 Parham’s band, 24
 Patella, 64
 Pathway, callus, 20, 32, 33, 35, 36
 Patrick, 121
 Pearson knee-flexion piece, 170
 Periosteal callus, 17
 stripping, 18
 Periosteum, function of, 16
 hyperæmic, 38
 sepsis of, 28
 Perkins, 171
 Pectrochanteric fractures, 10, 160

INDEX

- Phemister, D. B., 41, 208, 245
 Physiological gap, 36
 Plaster, curved, 50
 padded, 53, 89
 ‘three-point,’ 50, 56, 264
 unpadded, 53
 windowed, 96
 Plaster technique, 88
 Plastic operations, 65
 ‘Plate-solid’ fracture, 20
 Plating, femur, 65
 tibia, 37, 206
 Plugging, 212
 Pott’s fracture, 32, 50, 250
 Pressure bandage, 86
 Primary bone-graft, 36
 Pronation, 124, 131
 Prophylactic grafting, 212
 Pseudarthrosis, 17, 212
 Psychic rehabilitation, 96
- Quadriceps, 65
 Quick-setting plaster, 92
- Radial nerve palsy, 104
 Radiological parallelism, 223
 Radius, 41, 77, 116
 Reduction, accurate, 38, 131
 delayed, 142, 196
 over, 115, 260
 Rehabilitation, 96
 Remodelling, 114, 117
 Resection of ulna, 135
 Reversed Colles’ fracture, 142
 Rhythm, ‘end-to-end,’ 92
 Rigid fixation, 38
 ‘Ring’ sequestrum, 28
 Role of fixation, 19
 Rush nail, 233
 Russell traction, 160, 171
- Scaglietti and Casuccio, 62
 Screws, transverse, 23, 24, 217
 Sepsis and the periosteum, 28
 Septum, interosseous, 35
 Sequestrum, ‘coronet’ or ‘ring,’ 28
 tubular, 206
 Skeletal traction, 161, 178, 234, 265
 Sling, 99, 178, 181
 Slow-setting plaster, 92
 Smith, J. E. M., 42
 Smith and Sage, 42
 Smith’s fracture, 142
 Soft tissue hinge, 46, 212
 Soft tissues, 32, 43, 106, 129
 Speed of union, 22, 66
 Spiral fractures, 24, 218
- Splint, Brian Thomas, 104
 Caliper, 190
 Stader, 234
 Thomas, 168, 170
 Spontaneous displacement, 32
 Spontaneous re-fracture, 190
 Squeezing grip, 119
 Stader splint, 234
 Steinmann nail, 161, 194
 Stiff knee-joint, 61, 63
 ‘Stressed skin’ construction, 19
 Stripping of periosteum, 18
 Subcortical procedure, 247
 Supracondylar traction, 185
 Swollen thigh, 49
- Temporary callus, 3
 Thigh, swollen, 49
 Thomas, F. Brian, 104, 142
 Thomas splint, 168, 170
 Thompson, T. C., 65
 ‘Three-point’ plaster, 50, 56, 264
 Tibia, oblique fracture, 23, 216
 plating, 37
 transverse fracture, 30
 Tissues, fibrous, 68
 soft, 32, 43, 106, 129
 ‘Top dead centre,’ 144
 Traction, 33, 48, 160, 161, 171, 178, 179, 185, 196, 234, 265
 Transverse screws, 23, 24, 217
 Triple sequence, 94
 Trueta, 62
 T-shaped fractures, 197
 Tubular sequestrum, 206
 ‘Two-phase’ concept, 12
- Ulna, 41, 116
 Ulnar resection, 135
 Undisplaced fracture, 32
 Union, delayed, 31, 32
 non-, 27, 31
 speed of, 22, 66
 Unpadded plaster, 53
 Unsound callus, 190
 Urist and Johnson, 12
 Urist, Mazet and McLean, 39
- Varus deformity, 169
 Venous return, 212
 Volkmann’s contracture, 112, 123
- Wedging the plaster, 231
 Windowed plasters, 96
 Wiring, circumferential, 24
 Wolff’s Law, 5
 Woven bone, 3
- Y-shaped fractures, 71

