

# Index

Note: Page numbers of article titles are in **boldface** type.

## A

- Advancement flaps, in scar contractures, 593, 596, 597
- Arterial steal syndrome, ischemic hand in, 747
- Arteriosclerotic disease, ischemic hand in, 746–748
- Arthrodesis, in hand injuries, 673
  - in rheumatoid arthritis of wrist, 716
  - of metacarpophalangeal joint, 752
  - of proximal interphalangeal joint, 756–757
- Arthroplasty, total wrist, in rheumatoid arthritis, treatment of, 717–719

## B

- Basal joint, arthritis of, wide awake trapeziectomy for, 767
- Botulinum A toxin, in vasospastic disorders, 746
- Boutonniere deformity, 721–722
  - rheumatoid, 722
- Boyes superficialis, transfer of, in radial nerve palsy, 625
- Brachial plexus, C5–T1 lesions, motor and sensory deficits in, 663
  - C5C6 lesion, motor and sensory deficits in, 661
  - C5C6 lesions, short nerve grafts for, 664
  - C5C6C7 lesion, motor and sensory deficits in, 661–663
  - C8T1 lesions, motor and sensory deficits in, 663
    - short nerve grafts for, 664
  - injury(ies) of, lower, nerve transfers in, 667
    - motor and sensory deficits in hand following, 661–663
  - reconstruction of, current status of, **661–681**
    - long nerve grafts for, 664–665
    - motor relearning and cortical plasticity following, 676–677
    - short nerve grafts for, 663–664
    - sural nerve grafts for, 664
    - ulnar nerve grafts for, 664–665
  - traction injuries of, root involvement in, 662
- Brachial plexus palsies, lower, pinch reconstruction in, 672–673
- Brand EE4T extensor tendon transfer, in low ulnar nerve palsy, 634, 635
- Brunelli flap, of thumb, 737
- Bunnell ring finger flexor digitorum superficialis transfer, in median nerve palsy, 628–629
- Burkhalter extensor indicis proprius transfer, in median nerve palsy, 627–628, 629

- Burns, dorsal metacarpal artery flaps of hand in, 734–735

## C

- Camitz palmaris longus transfer, in median nerve palsy, 629
- Carpal tunnel release, wide awake surgery for, 767
- Collagen vascular disease, ischemic hand in, 745–746
- Contralateral C7, to restore hand function, 666–667

## D

- Darrach procedure, in rheumatoid arthritis of wrist, 716
- De Quervain release, wide awake surgery in, 767
- Dorsal capsular release, in stiff hand, 583–584
- Dorsal metacarpal artery flaps, of hand, 730–732, 733
  - closure of donor site of, 735
  - cutaneous tail modification of, 735
  - distally based compound, 734
  - distally based fascial, 734
  - extended distally, 732–733, 734
  - in burns, 734–735
- Dupuytren contracture, wide awake surgery in, 767

## E

- Elbow, extension of, restoration of, nerve transfers in, 651–652
  - flexion of, restoration of, nerve transfers in, 650–651
  - free functional muscle transfer and, 568–569
- Epinephrine, and lidocaine, injection of, for hand and finger surgery, 763–764
- Extensor tendon, of finger, wide awake surgery of, 767
  - rupture of, in rheumatoid arthritis, treatment of, 723–724
- Extensor tenolysis, in stiff hand, 583
- Extrinsic extensor system, 580
- Extrinsic flexor system, 580

## F

- Fasciocutaneous flaps, in mutilating hand injuries, 547, 548, 549, 550

- Finger(s), amputation of, toe-to-hand transplantation in, 554, 555  
 and hand, surgery of, injection of epinephrine and lidocaine for, 763–764  
 extension of, restoration of, nerve transfers in, 652–654  
     tendon transfers in, 672  
 flexion of, restoration of, in complete palsy, 673  
     in lower plexus injuries, 672  
     tendon transfer to restore, 639–640  
 fractures of, reduction with Kirschner wires, 767  
 Flexor carpi radialis, transfer of, in radial nerve palsy, 623, 624–625, 626  
 Flexor carpi ulnaris, transfer of, in radial nerve palsy, 623, 624  
 Flexor digitorum superficialis transfer, ring finger, in low ulnar nerve palsy, 634–635  
 Flexor tendon, reconstruction of, **607–619**  
     complications of, 618  
     conditions limiting, 607  
     outcomes of, 617  
     patient selection for, 607  
     postoperative care and rehabilitation in, 616  
     surgical techniques for, 608–616  
     tissue engineering in, 618  
     repair of, wide awake, 764–766  
     rupture of, in rheumatoid arthritis, treatment of, 724–725  
 Flexor tenolysis, 608–610  
     in stiff hand, 584–585  
     outcomes of, 617  
     postoperative care and rehabilitation in, 616  
 Free flaps, in hand defects, 600–604  
 Free functional muscle transfer, common, 563  
     complications of, 571–572  
     elbow flexion reconstruction and, 568–569  
     for deltoid reconstruction, 568  
     for elbow extension reconstruction, 569  
     for finger extension, 570  
     for finger flexion, 569–570  
     for restoration of function of hand, 673–676  
     for upper extremity, **561–575**  
       history of, 561  
       indications for, 562  
       muscle selection for, 562–564  
       patient selection for, 561–562  
       principles of, 562  
     gracilis elevation for, 565–567  
     gracilis revascularization for, 567  
     latissimus dorsi elevation for, 567–568  
     latissimus dorsi revascularization for, 568  
     muscle dissection for, 565–570  
     muscle physiology and, 563–564  
     nerve considerations for, 564–565  
     postoperative management in, 570–571  
     preoperative planning for, 565  
     results of, 572–573  
     to restore prehension, 670–671  
     vascular considerations for, 564  
 Fritschi PF4 T palmaris transfer, in low ulnar nerve palsy, 634
- G**
- Gracilis, free functional muscle transfer and, 565–567  
 Groin flap, in hand defects, 598, 599, 600
- H**
- Hand, anatomy of, 730  
     and upper extremity, 591–592  
     and finger, surgery of, injection of epinephrine and lidocaine for, 763–764  
     and upper extremity, nerve reconstruction in, **643–660**  
     arterial anatomy of, 739  
     fractures of, in pediatric patient, nonunion and malunion of, 694–695  
     malunion of, treatment of, 686–694  
     nonunion of, and malunion following, treatment of, **683–695**  
       diagnosis of, 683  
       treatment of, 684–686, 687, 688  
     function of, reconstructive strategies to restore, 663  
     restoration of, brachial plexus reconstruction in, **661–681**  
     functioning free muscle transfer for, 673–676  
     nerve transfers for, 665–667  
     tendon transfers for, 667–673  
     functional reconstruction of, stiff joint in, **577–589**  
     initial examination of, and upper extremity injury, 592–593  
     injured, donor site morbidity and, 553  
       immediate, 1-stage, and total reconstruction of, 552–553  
       initial assess and management of, 551–553  
     intrinsic flaps in, **729–738**  
     ischemic, iatrogenic, 740–741  
       reconstruction of, **739–750**  
     joint contractures, prevention of, 663  
     metacarpal, toe-to-hand transplantation in, 554–556  
     mutilated, injuries of, **543–550**  
       bone fixation in, types of, 545, 546  
       fasciocutaneous flaps in, 547, 548, 549, 550  
       free tissue transfers in, 545  
       functional outcome in, 543–544  
       initial evaluation of, 543, 544  
       initial surgery for, 544–547  
       postoperative concerns in, 547–550  
       reconstruction in, 545–546, 547, 548  
       nontraumatic ischemia of, 745

Download English Version:

<https://daneshyari.com/en/article/4108527>

Download Persian Version:

<https://daneshyari.com/article/4108527>

[Daneshyari.com](https://daneshyari.com)