

Curriculum Vitae and Bibliography

William P. Cooney, III, MD

PERSONAL INFORMATION

Place of Birth: Detroit, MI
Citizenship: United States
Work Address: 1355 37th Street, Suite 301
Vero Beach, FL 32960

Hospital Affiliations

Indian River Medical Center, Staff member and Consultant 2007- present
Indian River Medical Center Foundation Board 2008- present
Indian River Medical Center Cancer Task Force 2010- present

PRESENT ACADEMIC RANK AND POSITION

Professor of Orthopaedics- Mayo Clinic College of Medicine 07/01/1987-2008
Consultant (Supplemental)- Department of Orthopaedic Surgery, Mayo Clinic, Rochester, Minnesota 06/18/2007-2010
Master's Faculty Privileges in Clinical & Translation Sc- Mayo Graduate School 06/11/2007- present
Vice Chairman Department of Orthopaedic Surgery- Mayo Clinic, Rochester, MN 2002-2010

EDUCATION

University of Detroit 1961 - 1965
BS
St. Louis University 1965 - 1969
MD
University of Michigan Hospitals 1969 - 1970
Internship
University of Michigan Hospitals 1970 - 1971
Residency, General Surgery
Mayo Graduate School of Medicine 1971 - 1975
Fellowship, Orthopaedic Surgery

Mayo Graduate School of Medicine Fellowship, Hand Fellowship	1975
University of Minnesota MS, Orthopaedic Surgery	1976

BOARD CERTIFICATION(S)

American Board of Orthopedic Surgery

Hand Surgery	1976 & 1993
Certificate of Added Qualification	1989 & 1998
Diplomate	1992

LICENSURE

Florida	ME 91212
Michigan	4301029575
Minnesota	19943

HONORS/AWARDS

B.S. Degree Cum Laude - University of Detroit	1965
M.D. Degree Cum Laude - Saint Louis University	1969
Berg-Sloat Traveling Fellowship - Orthopedic Research Foundation	1976
Emmanuel Kaplan Award - New York Hand Society and American Society for Surgery of the Hand	1980
Sterling Bunnell Traveling Fellowship - American Society for Surgery of the Hand	1982
Kappa Delta Award - Orthopedic Research Society and Academy of Orthopaedic Surgeons	1984

MILITARY SERVICE

United States Army Reserve	1970 - 1978
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PREVIOUS PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS

Instructor of Orthopedics - Mayo Clinic College of Medicine	1975 - 1979
Assistant Professor of Orthopedics - Mayo Clinic College of Medicine	1979 - 1983
Associate Professor of Orthopedics - Mayo Clinic College of Medicine	1983 - 1987
Chair - Division of Hand Surgery, Department of Orthopedic Surgery, Mayo Clinic, Rochester, Minnesota	1989 - 1999

Vice-Chairman - Department of Orthopedic Surgery, Mayo Clinic,
Rochester, Minnesota

1993 – 2004

Vice-Chairman –Department of Orthopedic Research
1990-1997

PROFESSIONAL & COMMUNITY MEMBERSHIPS, SOCIETIES AND SERVICES (*indicates office held)

Professional Memberships & Services

Alpha Omega Alpha

Alpha Sigma Nu

American Academy of Orthopedic Surgeons

Ad Hoc Task Force

Committee for Quality Orthopaedic Health Care

*State Representative

Primary Care Committee

1982 - 1983

Hand Tumor Committee

1983 - 1984

Educational Programming Committee

1990 - 1993

Nominating Committee

1997 - 1998

American Foundation for Surgery of the Hand

*Board of Trustees 2003 - 2008

American Orthopaedic Association

Executive Committee

*Member 2003 - 2004

Membership Committee

1999 - 2005

*Chair 2003 - 2004

Resident Leadership Forum Selection Committee

2004 - Present

American Society for Surgery of the Hand

*Vice President 1997

*President-Elect 1998 - 1999

*President 1999 - 2000

*Past President 2000 - 2001

Bunnell Fellowship Committee

*Member 1984

*Member 1991 - 1992

Central Office Committee

*Chair 2000

Certification of Added Qualification

*Chairman 1991 - 1993

Council

*Member-at-Large 1993 - 2002

Course Planning Committee

*Chairman 1985 - 1988

Impact of CAQ on Hand Surgery

*Chairman 1991 - 1992

Membership Committee

*Member 1997 - 1998

*Chair 1998

Nominating Committee

*Chair 2001

Research Committee

1983 - 1985

Forward Planning Committee

1984

Program Committee

1991 - 1992

Publication Education Subcommittee

1991 - 1992

American Society of Reconstructive Microsurgery
1985-2005

*Program Chair 1991

* Secretary- Treasurer 1994 - 1996

*Liaison 1997 - 1998

By-Laws Committee

*Chairman 1991 - 1992

Program Committee

*Chairman 1991

Program Committee

1988 - 1989

Nominating Committee

1988 - 1989

Audio Visual Committee

1990

Membership Committee

1991 - 1993

Australian Surgical Hand Society

*Honorary Member

British Society for Surgery of the Hand

*Honorary Member

Canadian Society for Surgery of the Hand

*Honorary Member

International Society of Orthopaedic Surgery and Traumatology

Mayo Medical Alumni Association

Mid-America Orthopaedic Society

Minnesota Orthopedic Society

Orthopaedic Research and Education Foundation

Board of Trustees

*Member 2003 - 2008

Development

*Vice Chair 2004 - 2006

Orthopaedic Research Society

Phi Kappa Sigma

Sigma Xi, The Scientific Research Society

Academic Orthopaedic Society

1990 - 1997

Journal Review & Editorial Activities

Advances in Orthopaedic Surgery
Editor 1990 - 1997

Journal of Bone and Joint Surgery
Consultant Reviewer 1998 - Present

Journal of Hand Surgery
Editorial Board
Deputy Editor 2002 – 2005
Consultant Reviewer 2005-present

1989 - 1996

Mayo Clinic Proceedings
Editorial Board 1990-1995
Task Force on Advertising

Journal of the American Academy of Orthopaedic Surgeons
Editor-in-Chief

2005 - 2009

EDUCATIONAL ACTIVITIES

Teaching

Free Flap
Mayo Medical School
Rochester, Minnesota

Microsurgery
Mayo Medical School
Rochester, Minnesota

Tendon Healing
Mayo Medical School
Rochester, Minnesota

Anticoagulation
Mayo Medical School
Rochester, Minnesota

Hand Seminars
Mayo Medical School
Rochester, Minnesota

Hand Grand Rounds
Mayo Medical School
Rochester, Minnesota

Peripheral Nerve Repair
Mayo Medical School
Rochester, Minnesota

Biomechanics of the Thumb
 Mayo Medical School
 Rochester, Minnesota

Microsurgery Journal Club
 Mayo Medical School
 Rochester, Minnesota

Upper Extremity Protheses
 Course Co-Director
 Mayo Medical School
 Rochester, Minnesota

Congenital Hand Deformities
 Mayo Medical School
 Rochester, Minnesota

Anatomy of the Wrist and Forearm
 Mayo Medical School
 Rochester, Minnesota

Junior Resident Journal Club
 Mayo Medical School
 Rochester, Minnesota

Senior Resident Journal Club
 Mayo Medical School
 Rochester, Minnesota

Biomechanics of the Hand, Wrist and Forearm
 Mayo Medical School
 Rochester, Minnesota

Anatomy of the Wrist and Arthroscopic Anatomy
 Mayo Medical School
 Rochester, Minnesota

INSTITUTIONAL/DEPARTMENTAL ADMINISTRATIVE RESPONSIBILITIES, COMMITTEE MEMBERSHIPS AND OTHER ACTIVITIES (* indicates office held)

Mayo Clinic

Mayo Foundation Committees

Development Committee	2000 - 2002
Medical-Industry Relations Committee	2001 - 2004
Executive Subcommittee	2001 - 2004
Conflict of Interest Review Board	2002 - 2004

Mayo Foundation Task Forces

Principle Gifts Initiative Development Task Force	
*Chair 2001	
Task Force on Royalties and Patents	1997 - 1998
TeraMedica Task Force	2001

Mayo Clinic Rochester

Department of Orthopedic Surgery

Division of Orthopedic Research	
*Chair 1992-2000	
Vice Chair 2001-2003	
Basic Research Committee	
Executive Committee	1990 - 2004
Executive Committee	
*Chair 1998 - 2004	
Finance Committee	
Medical Care Evaluations Committee	
*Chairman 1983 - 1985	
Orthopedic Coordinating Committee	
Orthopedic Education and Research Committee	
Orthopedic Practice Committee	
*Chairman 1988 - 1992	
Clinical Practice Committee	1999 - 2005
Annual Planning and Expense Management Committee	2000 - 2005
 Department of Surgery	
Outpatient Surgery Task Force	
 Mayo Clinic Rochester Committees	
Clinical Facilities Planning Committee	
Institutional Review Board	
Mayo Clinic Facilities Committee	
Master Planning	1989 - 2002
Research Committee	1993 - 2001
Chair Space Subcommittee	1994 - 2000
Executive Committee	1995 - 2001
Mayo Ambulatory Care/Surgery Committee	1996
Practice Integration Project Planning Group	1997 - 2004
Personnel Committee	1998 - 2001
 Mayo Clinic Rochester Task Forces	
Stabile and Hilton Building Space Task Force	
*Chair 1999	
Educational Facilities Task Force	1990
 Methodist Hospital	
Methodist Hospital Facilities	
Implementation Committee	

INVITED PRESENTATIONS AND VISITING PROFESSORSHIPS**Invited Presentations****Visiting professorships****France (GEM)**

November 2012

Taiwan Tainan Medical Center

September 2015

German Society Surgery of Hand**Buck Gramcko Lecture**

September, 2016

Guest Lecturer

03/1999

New York Society for Surgery of the Hand, Spring Meeting
New York, New York

Guest Speaker

04/1999

Southeastern Hand Club Meeting Presidential Guest Speaker
Charlottesville, VirginiaAnnual Meeting of the Clinical Orthopaedic Society
Orlando, Florida

09/1999

Argentinian Association for Surgery of the Hand Guest Speaker
Argentina

12/1999

Carpal Instability: Identification, Classification and Treatment Update
Alumni Visiting Professor Lecture
St Louis University, Department of Orthopedic Surgery
St Louis, Missouri

02/2000

Japanese Society for Surgery of the Hand Annual Meeting, Presidential
Guest and Keynote Speaker
Tokyo, Japan

05/2000

Invited Lecturer

11/2000

Brazilian Society for Surgery of the Hand
Rio de Janeiro, Brazil36th Annual Reich Lecturer, Cleveland Orthopaedic and Spine Hospital at
Lutheran
Cleveland, Ohio

04/2001

Arthur J. Stein Visiting Lecturer, Washington University
St. Louis, Missouri

05/2001

Hand Surgery and Challenges in the 21st Century.
The 17th Annual Bradford H. Eaton MD Memorial Lecture, The CV Starr
Hand Center at Roosevelt Hospital
New York, New York

05/2002

Hellenic Association of Orthopaedic Surgery and Traumatology, Invited
Lecturer
Athens, Greece

10/2003

Invited Guest Lecturer

02/2004

Detroit Academy of Orthopaedic Surgeons
Detroit, MichiganInvited Guest Lecturer, University of California, Irvine
Orange, California

09/2005

Invited Guest Lecturer, National Naval Medical Center
Bethesda, Maryland

10/2005

Visiting Professorships

University of San Francisco Visiting Professor San Francisco, California	11/1998
Detroit Academy of Orthopaedic Surgeons Visiting Professor Detroit, Michigan	04/1999
Carpal Instability: Identification, Classification and Treatment Update Alumni Visiting Professor Lecture, St. Louis University, Department of Orthopedic Surgery St. Louis, Missouri	02/2000
Yale Visiting Professor New Haven, Connecticut	05/2000
Queens University Visiting Professor Kingston, Ontario, Canada	03/2001
Emmanuel Kaplan Visiting Professor, Hospital for Joint Diseases New York, New York	04/2001
Duke Hand Club and Duke University of Orthopedic Surgery 14th Annual Visiting Professor Durham, North Carolina	02/2004
10th Honored William Burkhalter Professor and Lecturer in Hand Surgery Department of Orthopedic Surgery, Jackson Memorial Hospital University of Miami Miami, Florida	01/2006
2006 Joseph Boyes Memorial Lecturer USC Department of Orthopaedic Surgery Los Angeles, California	03/2006
2014 Stanford University Vincent T Hentz Visiting Professorship	1/5.2014

RESEARCH GRANTS AWARDED**Active Grants****Federal -NIH**

Co-Investigator	Repair and Rehabilitation of Flexor Tendon Injury. Funded by National Institute of Arthritis and Musculoskeletal and Skin Diseases. (AR 44391)	01/1998 - 01/2009
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Industry

Principal Investigator	Clinical Coordinator. Funded by Avanta Orthopedics. (AVANTA #3)	05/2003 - 11/2006
	Small Bone Innovation/Stryker Orthopedics 7/1/2013-9/1/2015	

Completed Grants**Federal**

Principal Investigator	Functional Forces in Normal and Abnormal Fingers. Funded by National Institute of Arthritis and Musculoskeletal and Skin Diseases. (AR 17172)	01/1990 - 08/1999
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Co-Investigator	Biomechanics of the Normal and Pathological Wrist. Funded by National Institute of Arthritis and Musculoskeletal and Skin Diseases. (AR 40242)	09/1991 - 08/1995
Co-Investigator	Biomechanics Of The UE In Wheelchair Propulsion. Funded by National Institute of Child Health and Human Development. (HD 33806)	08/1996 - 05/2004
Consultant	Stability Analysis Of The Distal Radio-Ulnar Joint. Funded by National Institute of Arthritis and Musculoskeletal and Skin Diseases. (AR 43622)	04/1997 - 03/2000

Foundation

Principal Investigator	Kinematic Effects of Dorsally Angulated Distal Radius Fracture on Wrist and Distal Radioulnar Joint. Funded by Arthritis Foundation North Central Chapter. (MAF #133)	01/2000 - 12/2000
Principal Investigator	Continued Follow-up of Surface Replacement Arthroplasty of the Finger PIP Joint. Funded by World Arthrosis Organization.	08/2004 - 07/2005

Industry

Principal Investigator	Biomechanical Evaluation of the Orthologic Wrist External Fixator. Funded by OrthoLogic Corporation. (Ortho #9)	09/1994 - 08/2003
Principal Investigator	Analyses of Instability of the Forearm Following Salvage Procedures for the Artritic Distal Radioulnar Joint. Funded by Advanta Orthopaedics. (AVANTA 1)	02/2000 - 05/2003
Co-Investigator	Trapezial Cantilever Failure. Funded by Hand Biomechanics Lab. Inc. (Hand #1)	07/1995 - 07/2000
Co-Investigator	A Randomized Comparative Multicenter Clinical Trial Evaluating Norian SRS and Conventional Treatment in Metaphyseal Fractures of the Distal Radius. Funded by Norian. (Norian 1)	09/1996 - 05/2004
Co-Investigator	Efficacy of a New Device for Carpal Tunnel Pressure Measurement. Funded by Millennium Medical Technologies Inc. (MILLENNIUM #17; 1A4761)	06/2001 - 12/2004
Co-Investigator	Ascension MCP Finger Implant: Protocol #CP-MCP-002. Funded by Ascension Orthopedics, Inc. (ASCENSION #2; 1A4493)	07/2002 - 06/2006

Mayo Clinic

Principal Investigator	The Effect of Forearm and Wrist Position on Activities and Length of the APL and EPB Muscles. Funded by CR Programs.	07/2002 - 06/2003
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Other

Consultant	Biomechanics of Wrist Guards - Their Efficacy in Preventing Forearm Injuries. Funded by National Operating Committee on Standards for Athletic Equipment. (NOCSAE #1)	08/1998 - 07/1999
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PATENTS

Title	Patent number	Date filed	Date issued
Prosthesis for replacement of joints between long bones in the hand –distal ulna	US 5405401	10/05/1993	04/11/1995
Radial Implant System	US 6709459		03/23/2004
Metacarpal phalangeal finger joint US			
Radio-capitellar Implant System			
Inter-carpal Diamond Plate wrist fusion system			
External fixation device for the distal radius			
Proximal interphalangeal joint implant system			
Total wrist Implant system			

BIBLIOGRAPHY

Peer-reviewed Articles

1. Cooney WP, Chao EYS. Biomechanical analysis of static forces in the thumb during hand function. *J Bone Joint Surg* 1977 Jan; 59A:27-36.
2. Fitzgerald RH Jr, Cooney WP 3rd, Washington JA 2nd, Van Scoy RE, Linscheid RL, Dobyns JH. Bacterial colonization of mutilating hand injuries and its treatment. *J Hand Surg [Am]* 1977 Mar; 2(2):85-9.
3. Cooney WP 3rd. Revascularization and replantation after upper extremity trauma: experience with interposition artery and vein grafts. *Clin Orthop* 1978 Nov-Dec; (137):227-34.
4. An KN, Chao EY, Cooney WP 3rd, Linscheid RL. Normative model of human hand for biomechanical analysis. *J Biomech* 1979; 12(10):775-88.
5. Cooney WP III, Bryan RS. Rheumatoid arthritis in the upper extremity: treatment of the elbow and shoulder joints. *Instr Course Lect* 1979; 28:247-262.
6. Linscheid RL, Dobyns JH, Beckenbaugh RD, Cooney WP 3rd. Proximal interphalangeal joint arthroplasty with a total joint design. *Mayo Clin Proc* 1979 Apr; 54(4):227-40.
7. Cooney WP 3rd. Total joint arthroplasty. Introduction to the upper extremity. *Mayo Clin Proc* 1979 Aug; 54(8):495-9.
8. Campbell DC 2nd, Bryan RS, Cooney WP 3rd, Ilstrup D. Mechanical cornpicker hand injuries. *J Trauma* 1979 Sep; 19(9):678-81.
9. Cooney WP III, Linscheid RL, Dobyns JH. External pin fixation for unstable Colles' fractures. *J Bone Joint Surg* 1979 Sep; 61A:840-5.
10. Morrey BF, Stauffer RN, Cooney WP 3rd, Chao EY. Total joint arthroplasty. The role of biomechanics. *Mayo Clin Proc* 1979 Sep; 54(9):597-601.
11. Cooney WP III, Dobyns JH, Linscheid RL. Complications of Colles' fractures. *J Bone Joint Surg* 1980 Jun; 62-A:613-9.
12. Cooney WP, Dobyns JH, Linscheid RL. Fractures of the scaphoid: a rational approach to management. *Clin Orthop* 1980 Jun; 149:90-7.
13. Cooney WP 3rd, Dobyns JH, Linscheid RL. Nonunion of the scaphoid: analysis of the results from bone grafting. *J Hand Surg [Am]* 1980 Jul; 5(4):343-54.
14. Cooney WP 3rd, Morrison MJ, Watson WV, Cabanela ME. Elbow injuries. *Minn Med* 1980 Oct; 63(10):737-44.
15. Cooney WP 3rd, Lucca MJ, Chao EY, Linscheid RL. The kinesiology of the thumb trapeziometacarpal joint. *Journal of Bone and Joint Surgery. American Volume* 1981 Dec; 63(9):1371-81.
16. Dobyns RC, Cooney WC, Wood MB. Effect of partial lacerations on canine flexor tendons. *Minn Med* 1982 Jan; 65(1):27-32.

17. Cooney WP 3rd, Fitzgerald RH Jr, Dobyns JH, Washington JA 2nd. Quantitative wound cultures in upper extremity trauma. *J Trauma* 1982 Feb; 22(2):112-7.
18. An KN, Ueba Y, Chao EY, Cooney WP, Linscheid RL. Tendon excursion and moment arm of index finger muscles. *J Biomech* 1983; 16(6):419-25.
19. Ueba Y, Takahashi K, An KN, Cooney WP III, Linscheid RL, Chao EYS. Tendon excursion and moment arm in the index finger. *Orth Biomech* 1983; 4:61-67.
20. An KN, Cooney WP, Chao EY, Askew LJ, Daube JR. Determination of forces in extensor pollicis longus and flexor pollicis longus of the thumb. *Journal of Applied Physiology: Respiratory, Environmental & Exercise Physiology* 1983 Mar; 54(3):714-9.
21. Cooney WP 3rd, Wilson MR, Wood MB. Intravascular fibrinolysis of small-vessel thrombosis. *J Hand Surg [Am]* 1983 Mar; 8(2):131-8.
22. Riggs SA Jr, Cooney WP 3rd. External fixation of complex hand and wrist fractures. *J Trauma* 1983 Apr; 23(4):332-6.
23. Wood MB, Irons GB, Cooney WP 3rd. Foot reconstruction by free flap transfer. *Foot Ankle* 1983 Jul-Aug; 4(1):2-7.
24. Cooney WP III. Bursitis and tendinitis in the hand, wrist, and elbow. *Minn Med* 1983 Aug; 66:491-494.
25. Wood MB, Cooney WP III, Irons GB Jr. Upper extremity reconstruction by free flap transfer. *Minn Med* 1983 Aug; 66(8):503-508.
26. Clayburgh RH, Wood MB, Cooney WP 3rd. Nail bed repair and reconstruction by reverse dermal grafts. *J Hand Surg [Am]* 1983 Sep; 8(5 Pt 1):594-8.
27. Dobyns JH, Linscheid RL, Cooney WP 3rd. Fractures and dislocations of the wrist and hand, then and now. *J Hand Surg [Am]* 1983 Sep; 8(5 Pt 2):687-90.
28. Linscheid RL, Dobyns JH, Beckenbaugh RD, Cooney WP 3rd, Wood MB. Instability patterns of the wrist. *J Hand Surg [Am]* 1983 Sep; 8(5 Pt 2):682-6.
29. Cooney WP. External fixation of distal radial fractures. *Clin Orthop* 1983 Nov; 180:44-9.
30. Fisher J, Cooney WP 3rd. Designing the latissimus dorsi free flap for knee coverage. *Ann Plast Surg* 1983 Dec; 11(6):554-62.
31. Heath PM, Jackson IT, Cooney WP 3rd, Morgan RG. Simultaneous bilateral staged groin flaps for coverage of mutilating injuries of the hand. *Ann Plast Surg* 1983 Dec; 11(6):462-8.
32. Cooney WP. Failure of treatment of ununited fractures of the carpal scaphoid. *J Bone Joint Surg* 1984; 66A:1145-6.
33. Ehrlich MG, Petty W, An K-N, Chao EYS, Cooney WP, Linscheid RL, Morrissy RT, Haynes DW. Kappa Delta Awards. *Orthop Rev XIII (/109-617/115 1984; 1):611.*
34. Minami A, An KN, Cooney WP 3rd, Linscheid RL, Chao EY. Ligamentous structures of the metacarpophalangeal joint: a quantitative anatomic study. *J Orthop Res* 1984; 1(4):361-8.

35. Riggs SA Jr, Wood MB, Cooney WP 3rd, Kelly PJ. Blood flow and bone uptake of ^{99m}Tc-labeled methylene diphosphonate. *J Orthop Res* 1984; 1(3):236-43.
36. Weidman KA, Simonet WT, Wood MB, Cooney WP 3rd, Ilstrup DM. Quantification of regional blood flow to canine flexor tendons. *J Orthop Res* 1984; 2(3):257-61.
37. Wood MB, Cooney WP III, Irons GB Jr. Posttraumatic lower extremity reconstruction by vascularized bone graft transfer. *Orthopedics* 1984 Feb; 7:255-262.
38. Cooney WP, Linscheid RL, Dobyns JH. Scaphoid fractures. Problems associated with nonunion and avascular necrosis. *Orthop Clin North Am* 1984 Apr; 15(2):381-91.
39. Arata MA, Wood MB, Cooney WP 3rd. Revascularized segmental diaphyseal bone transfers in the canine. An analysis of viability. *J Reconstr Microsurg* 1984 Jul; 1(1):11-9.
40. Cooney WP 3rd, Beckenbaugh RD, Linscheid RL. Total wrist arthroplasty. Problems with implant failures. *Clin Orthop* 1984 Jul-Aug; (187):121-8.
41. Wood MB, Cooney WP 3rd. Vascularized bone segment transfers for management of chronic osteomyelitis. *Orthop Clin North Am* 1984 Jul; 15(3):461-72.
42. Cooney WP 3rd. Sports injuries to the upper extremity. How to recognize and deal with some common problems. *Postgrad Med* 1984 Sep 15; 76(4):45-50.
43. Cooney WP, Linscheid RL, An KN. Opposition of the thumb: an anatomic and biomechanical study of tendon transfers. *J Hand Surg Am* 1984 Nov; 9(6):777-86.
44. An KN, Chao EY, Cooney WP, Linscheid RL. Forces in the normal and abnormal hand. *J Orthop Res* 1985; 3(2):202-11.
45. Cooney WP III. Functional forces in normal and abnormal fingers (human). *Rehabil R D Prog Rep* 1985; 22:201.
46. Cooney WP, Weidman K, Malo D, Wood MB. Management of acute flexor tendon injury in the hand. *Instr Course Lect* 1985; 34:373-81.
47. Cooney WP 3rd, An KN, Daube JR, Askew LJ. Electromyographic analysis of the thumb: a study of isometric forces in pinch and grasp. *J Hand Surg Am* 1985 Mar; 10(2):202-10.
48. Minami A, An KN, Cooney WP 3rd, Linscheid RL, Chao EY. Ligament stability of the metacarpophalangeal joint: a biomechanical study. *J Hand Surg Am* 1985 Mar; 10(2):255-60.
49. Dobyns JH, Lipscomb PR, Cooney WP. Management of thumb duplication. *Clin Orthop* 1985 May; 195:26-44.
50. Wood MB, Cooney WP 3rd, Irons GB Jr. Skeletal reconstruction by vascularized bone transfer: indications and results. *Mayo Clin Proc* 1985 Nov; 60(11):729-34.
51. Wood MB, Cooney WP III, Irons GB Jr. Lower extremity salvage and reconstruction by free tissue transfer. *Clin Orthop* 1985 Dec; 201:151-161.
52. Bishop AT, Cooney WP 3rd, Wood MB. Treatment of partial flexor tendon lacerations: the effect of tenorrhaphy and early protected mobilization. *J Trauma* 1986 Apr; 26(4):301-12.

53. Wood MB, Cooney WP 3rd. Above elbow limb replantation: functional results. *J Hand Surg [Am]* 1986 Sep; 11(5):682-7.
54. Cooney WP 3rd, Smith DK. External fixation of the upper extremity. *Instr Course Lect* 1987; 36:455-69.
55. Dobyns JH, Lipscomb PR, Cooney WP III. Management of thumb duplication. *Yearb Hand Surg* 1987; 220-221.
56. Minami A, An KN, Cooney WP III, Linscheid RL, Chao EYS. Ligament stability of the metacarpophalangeal joint: a biomechanical study. *Yearb Hand Surg* 1987; 262-264.
57. Cooney WP, Bussey R, Dobyns JH, Linscheid RL. Difficult wrist fractures. Perilunate fracture-dislocations of the wrist. *Clin Orthop* 1987 Jan; 214:136-47.
58. Amadio PC, Cooney WP III. Current concepts of flexor tendon repair. *Adv Orthop Surg* 1987 Mar-Apr; 10:207-217.
59. Russotti GM, Cooney WP III. Throwing injuries in baseball pitchers: a review. *Adv Orthop Surg* 1987 May-Jun; 10:247-257.
60. Cooney WP III, Linscheid RL, Askew LJ. Total arthroplasty of the thumb trapeziometacarpal joint. *Clin Orthop* 1987 Jul; 220:35-45.
61. Bieber EJ, Wood MB, Cooney WP, Amadio PC. Thumb avulsion: results of replantation/revascularization. *J Hand Surg [Am]* 1987 Sep; 12(5 Pt 1):786-90.
62. Ruby LK, An KN, Linscheid RL, Cooney WP 3rd, Chao EY. The effect of scapholunate ligament section on scapholunate motion. *J Hand Surg Am* 1987 Sep; 12(5 Pt 1):767-71.
63. Hentz VR, Pearl RM, Grossman JA, Wood MB, Cooney WP. The radial forearm flap: a versatile source of composite tissue. *Ann Plast Surg* 1987 Dec; 19(6):485-98.
64. Cooney WP. Microsurgery in China and the development of Western reconstructive microsurgery. *Microsurgery* 1988; 9(2):75-7.
65. Ruby LK, Cooney WP 3rd, An KN, Linscheid RL, Chao EY. Relative motion of selected carpal bones: a kinematic analysis of the normal wrist. *J Hand Surg Am* 1988 Jan; 13(1):1-10.
66. Cooney WP. Tendon transfer for median nerve palsy. *Hand Clin* 1988 May; 4(2):155-65.
67. Amadio PC, Wood MB, Cooney WP 3rd, Bogard SD. Staged flexor tendon reconstruction in the fingers and hand. *J Hand Surg [Am]* 1988 Jul; 13(4):559-62.
68. Lin GT, An KN, Amadio PC, Cooney WP III. Biochemical studies of running suture for flexor tendon repair in dogs. *J Hand Joint Surg Am* 1988 Jul; 13:553-8.
69. Tamai K, Ryu J, An KN, Linscheid RL, Cooney WP, Chao EY. Three-dimensional geometric analysis of the metacarpophalangeal joint. *J Hand Surg Am* 1988 Jul; 13(4):521-9.
70. Bourne MH, Wood MB, Cooney WP III. Reconstruction by free-tissue transfer of electively amputated parts. *Surgical Rounds for Orthopaedics* 1988 Sep; 2(9):56-61.
71. Cooney WP, Linscheid RL, Dobyns JH, Wood MB. Scaphoid nonunion: role of anterior interpositional bone grafts. *J Hand Surg [Am]* 1988 Sep; 13(5):635-50.

72. Cooney WP III. Functional forces in normal and abnormal fingers. (Report 297). J Rehabil Res Dev 1989; 257.
73. Garcia-Elias M, An KN, Cooney WP, Linscheid RL, Chao EY. Transverse stability of the carpus. An analytical study. J Orthop Res 1989; 7(5):738-43.
74. Smith DK, An KN, Cooney WP 3rd, Linscheid RL, Chao EY. Effects of a scaphoid waist osteotomy on carpal kinematics. J Orthop Res 1989; 7(4):590-8.
75. Botte MJ, Cooney WP, Linscheid RL. Arthroscopy of the wrist: anatomy and technique. J Hand Surg [Am] 1989 Mar; 14(2 Pt 1):313-6.
76. Garcia-Elias M, An KN, Cooney WP 3rd, Linscheid RL, Chao EY. Stability of the transverse carpal arch: an experimental study. J Hand Surg Am 1989 Mar;14(2 Pt 1):277-82.
77. Meland NB, Fisher J, Irons GB, Wood MB, Cooney WP. Experience with 80 rectus abdominis free-tissue transfers. Plastic & Reconstructive Surgery 1989 Mar; 83(3):481-7.
78. Smith DK, Cooney WP 3rd, An KN, Linscheid RL, Chao EY. The effects of simulated unstable scaphoid fractures on carpal motion. J Hand Surg Am 1989 Mar;14(2 Pt 1):283-91.
79. Cooney WP III, Lin GT, An KN. Improved tendon excursion following flexor tendon repair. J Hand Ther 1989 Apr-Jun; 2:102-6.
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