Paul R. Manske Award
Best Upper Extremity Congenital Research Manuscript
Tribute to Paul R. Manske

- Editor of J Hand Surg (A) 1996-2010
- Chair, Washington University Orthopaedic Surgery 1983-1995
- Authored 200 peer-reviewed manuscripts
- 100+ Invited Lectureships
- Trained 41 fellows
Paul R. Manske

Washington University
Hand Surgery

Pediatric hand surgery
Manske Award

• Best Upper Extremity Congenital Research Manuscript
  – J Hand Surg (American)
  – J Hand Surg (European)
  – J Bone Joint Surg
  – Bone & Joint Journal
  – J Pediatric Orthop
  – Plastics and Reconstructive Surgery
Manske Award

Criteria:

• Most impactful
• Most relevant for field of congenital hand surgery
• Most relevant for care of children with congenital differences
Children with surgically corrected hand deformities and upper limb deficiencies: self-concept and psychological well-being

G.-B. Andersson, C. Gillberg, E. Fernell, M. Johansson and A. Nachemson

Department of Hand Surgery and Department of Child and Adolescent Psychiatry, Sahlgrenska University Hospital, Gothenburg, Sweden
Comparison of surgical treatment and nonoperative management for radial longitudinal deficiency

P. P. Kotwal
Department of Orthopaedics, All India Institute of Medical Sciences, New Delhi, India

M. K. Varshney
Department of Orthopaedics, Lady Harding Medical College and Associated Hospitals, New Delhi, India

A. Soral
Department of Orthopaedics, All India Institute of Medical Sciences, New Delhi, India
Forearm Deformity in Patients with Hereditary Multiple Exostoses

Factors Associated with Range of Motion and Radial Head Dislocation

N.D. Clement, MRCSEd, and D.E. Porter, FRCSEd(Tr&Orth)

Investigation performed at the Department of Orthopaedics and Trauma, The Royal Infirmary of Edinburgh, Edinburgh, Scotland
Hand Function in Adults with Radial Longitudinal Deficiency

Anna Gerber Ekblom, MD, PhD, Lars B. Dahlin, MD, PhD, Hans-Eric Rosberg, MD, PhD, Monica Wiig, MD, PhD, Michael Werner, MD, and Marianne Arner, MD, PhD

Investigation performed at the Department of Clinical Science and Education, Karolinska Institutet, Stockholm, Sweden
Tendon Transfer Surgery in Upper-Extremity Cerebral Palsy Is More Effective Than Botulinum Toxin Injections or Regular, Ongoing Therapy

Ann E. Van Heest, MD, Anita Bagley, PhD, Fred Molitor, PhD, and Michelle A. James, MD

Investigation performed at Shriners Hospitals for Children: Chicago, Illinois; Greenville, South Carolina; Northern California, Sacramento, California; Salt Lake City, Utah; Shreveport, Louisiana; Tampa, Florida; and Twin Cities, Minneapolis, Minnesota
Winner 2016 Award

Synpolydactyly of the hand: a radiographic classification

L. B. Wall¹, D. S. Bae², S. N. Oishi³, R. P. Calfee¹ and C. A. Goldfarb¹
Abstract
Synpolydactyly is an uncommon congenital anomaly characterized by polydactyly with syndactyly in the central hand. The purpose of this investigation was to develop and assess the reliability of a radiographic classification system for synpolydactyly. We identified 56 hands with central synpolydactyly and developed a radiographic classification system that categorizes by the location within the hand, the bony level of polydactyly, and the presence of a delta phalanx. Four paediatric hand surgeons independently reviewed each radiograph to establish reliability. There was exact agreement among raters in 40 cases (71%). The inter-rater reliability was 0.97 and intra-rater reliability was at least 0.87. Seven of 16 bilateral cases had symmetric deformity classification. The most common presentations were types 1A and 2A. We present a new, reliable radiographic classification system for synpolydactyly that will allow improved communication between clinicians and serve as a foundation for future investigations.

Level of Evidence: 2