

# AO Trauma Hand NA Webinar-The Mangled Hand

August 2, 2023 - August 2, 2023 Online, N/A, USA

Time: 8:00 PM (Eastern Time)

**Target Audience:** Community-based Trauma Orthopedic Hand Surgeons, Fellows, and Residents

#### **Overview:**

High energy trauma which result in mangled hand injuries are challenging to manage, requiring meticulous planning and smart treatment strategies. The decision to attempt salvage of a mangled extremity is difficult which involves the surgeon, patient, their support system, and available resources.

The initial management aims towards restoring vascularity of the salvaged tissue, prevent infection and provide bony stabilization. The subsequent procedures are for secondary decisions and definitive reconstruction. Secondary procedures will help improve the function of the limb and patient's confidence. Post-operative hand therapy plays a major role in the outcome.

This seminar will highlight the principles that will guide the assessment and treatment of mangled hand injuries.



## Event Summary

Tuition: Level Name: Participant - Hand Pricing Tier: Attending Tuition: \$0.00

Course Prerequisite(s): No Prerequisites **Venue:** No Venue Language(s): English Directly Provided by:



Professional Level Prerequisite(s): No Prerequisites

# CME

## **Continuing Education Credit: 1.00**



AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Designation Statement** - AO North America designates this live educational activity for a maximum of 1.00 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Continuing Medical Education (CME) mission of AO North America (AONA®) is to provide comprehensive multidisciplinary needs based education to surgeons, fellows, and residents in the specialties of orthopedic, hand, craniomaxillofacial, spine, neurosurgery, and veterinary surgery in the areas of trauma (i.e.), operative reduction and fixation), degenerative disorders, deformities, tumors, and reconstruction.

Expected results of AONA's CME activities for surgeons, fellows, and residents are to:

• Increase their knowledge base and surgical skill level

• Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative

disorders, deformities, tumors, and reconstructive surgical techniques

• Address practice performance gaps by improving management of aspects of traumatic injuries and musculoskeletal disorders (i.e., preoperative planning to post-operative care)

# Learning Objectives

#### Upon completion, participants should be able to:

- Identify the principles of Day one management of mangled hand injuries
- Recognize decision making in secondary and definitive reconstruction strategies.
- Appreciate the role of rehabilitation for improving the functional outcomes in such injuries.

# Faculty



Bhat, Anil K - Chairperson MS (Ortho), DNB (Ortho) Professor and Head Department of Hand Surgery Kasturba Medical College, Manipal, Manipal Academy of Higher Education Manipal, Karnataka

Professor and Head, Department of Hand Surgery Associate Dean Kasturba Medical College, Manipal Manipal Academy of Higher education, India



Pitts, Donald Greg - Lecturer OTD, CHT CEO Commonwealth Hand and Physical Therapy Lexington, Kentucky

Donald Greg Pitts OTD, OTR/L, CHT Founder and Rehabilitation Director Greg Pitts is the founder and owner of Commonwealth Hand & Physical Therapy. Greg was commissioned an Officer in the U.S. Army, serving four years of active duty. From 1990 to 1996, Greg continued his military service as a Captain in the U.S. Army Reserve. . He received extensive mentorship and training in hand therapy, ergonomics, and industrial rehabilitation here. 1995 Greg became the Clinical Director for On-Site Rehabilitation for Toyota Motor Manufacturing. In 1996, Greg accepted a position as the Director of Occupational Therapy for Dr. Ralph Herms, a well-known hand surgeon. He worked closely with many renowned hand and orthopedic surgeons and, in 1997, became a Certified Hand Therapist. He became a well-known lecturer in hand therapy, industrial rehabilitation, and ergonomics. He has authored/co-authored numerous book chapters and research articles published in prestigious medical journals. Greg is the current owner of Five Commonwealth Hand & Physical Therapy private practices located in Lexington, Georgetown, and Berea Kentucky. The clinics focus on state-of-the-art care for traumatic hand injuries, cumulative trauma disorders, and total body pathologies that inhibit occupational Performance.? Commonwealth Hand & Physical Therapy is a Regional Rehabilitation Center for Central and Eastern Kentucky. The clinic also provides training for up to 25 interns per year and active research with the University of Kentucky, Spalding University, and Eastern Kentucky University. Awards And Recognition Greg has received numerous awards and recognitions in his professional life, including Kentucky Outstanding Occupational Therapist of the Year for 1995-1996. Outstanding Alumnus EKU Occupational Therapy 2002, and Member of the Riordan Hand Society 2006. He has served as President of the Kentucky Occupational Therapy Association and American Hand Therapy Foundation Board of Directors. Memberships And Certifications Certified Hand Therapist; Past National Chair American Hand Therapy Foundation; Board of Directors Hand Therapy Certification Commission; American Society of Hand Therapists; American Occupational Therapy Association; American Association for Surgery of the Hand; Kentucky Occupational Therapy Association; Deep Physical Agent Modality Certification; Hand Therapy Certification Exam Committee



Safa, Bauback - Lecturer MD, MBA, FACS Surgeon The Buncke Clinic San Francisco, California

Dr. Safa is a hand and reconstructive microsurgeon at the Buncke Clinic. His clinical practice focuses on replantation, complex upper and lower extremity trauma, peripheral nerve surgery, and microsurgical reconstruction from head to toe.



Sebastin, Sandeep - Lecturer M Med (Surgery), FAMS Senior Consultant Hand & Reconstructive Microsurgery National University Hospital Singapore Singapore

Dr Sebastin is a Singapore Ministry of Health accredited, USA fellowship trained Hand Surgeon. He has practiced Hand Surgery for over 25 years and manages a wide range of Hand Surgical Conditions. His sub-specialty interests include peripheral nerve surgery and micro-surgical reconstruction - fields where he is well known nationally and internationally. He is also well versed with soft tissue reconstruction of the lower limbs, both for trauma and diabetes. Dr Sebastin is an editor of the Journal of Hand Surgery-Asian Pacific Volume and sits on the executive committee of the Asian Pacific Federation of Societies for Surgery of the Hand (APFSSH). He is a member of the Residency Advisory Committee for Hand Surgery, Ministry of Health, Singapore. He is also a member of the American Society for Hand Surgery and Indian Society for Hand Surgery. He was previously President of the Singapore Society for Hand Surgery and Chair of the Chapter of Hand Surgeons, Academy of Medicine, Singapore (2015-17). He is well published and has authored 110+ peer reviewed journal articles and 60 book chapters.



Venkatramani, Hari - Lecturer

MS, MCh Senior Consultant , Plastic and Reconstructive Surgery Ganga Hospital Coimbatore coimbatore

He is currently the Senior Consultant, Dept of Plastic, Hand and Reconstructive Microsurgery at Ganga Hospital, Coimbatore. The centre is one of the largest Orthopaedic , Plastic and trauma Surgery in India having trained over 2800 doctors from 70 countries. He has special interest in Major Trauma Reconstruction, Brachial Plexus Injuries, Microsurgery for Cancer reconstruction and Lymphedema. \* He is associate editor #Indian Journal of Plastic Surgery #Plastic and Reconstructive Surgery # Plastic and Aesthetic Research \* Vice President of Association of Plastic Surgeons of India (APSI) \* President Elect of ISPNS Secretary of \* Indian Society for Reconstructive Microsurgery \* Brachial Plexus Surgery Group of India. He has published 90 Peer reviewed journal articles and 15 book chapters. He has delivered over 200 International and National papers and lectures, and has been a Faculty for Live Operative Workshops across the country and abroad . He loves teaching and training . He has travelled extensively as a brand ambassador of Reconstructive MicroSurgery and as a Visiting professor to – Bangladesh, Egypt, Japan , Sri Lanka, Switzerland, New Zealand, USA and UK

# AO NA Disclaimer Information

#### Faculty Disclosure:

It is the policy of AO North America to abide by the Accreditation Council for Continuing Medical Education Standards for Commercial Support. Standard 2: "Disclosures Relevant to Potential Commercial Bias and Relevant Financial Relationships of Those with Control over CME Content," requires all planners, including course directors, chairs, and faculty, involved in the development of CME content to disclose their relevant financial relationships prior to participating in the activity. Relevant financial relationships will be disclosed to the activity audience. The intent of the disclosure is not to prevent a faculty with a relevant financial or other relationship from teaching, but to provide participants with information that might be of importance to their evaluation of content. All potential conflicts of interest have been resolved prior to the commencement of this activity.

### Off-Label / Experimental Discussions:

Some medical devices used for teaching purposes and/or discussed in AO North America's educational activities may have been cleared by the FDA for specific uses only or may not yet be approved for any purpose. Faculty may discuss off-label, investigational, or experimental uses of products/devices in CME certified educational activities. Faculty have been advised that all recommendations involving clinical medicine in this CME activity are based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.

All scientific research referred to, reported or used in this CME activity in support or justification of a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis.

#### Disclaimer:

AONA does not endorse nor promote the use of any product/device of commercial entities. Equipment used or discussed in this educational activity is for teaching purposes only with the intent to enhance the learning experience.

The opinions or views expressed in this live continuing medical education activity are those of the faculty and do not necessarily reflect the opinions or recommendations of AO North America or any commercial supporter. The certificate provided pertains only to the participants' completion of the educational activity.

#### **Conflict of Interest Resolution Statement:**

When individuals in a position to control or influence the development of the content have reported financial relationships with one or more commercial interests, AO North America utilizes a process to identify and resolve potential conflicts to ensure that the content presented is free of commercial bias.

#### Liability Statement:

AO North America faculty and staff assume no personal liability for the techniques/ approaches discussed or demonstrated which are for teaching and educational purposes only. The certificate provided pertains only to the participants' completion of the course and does not, in any way, attest to the proficiency of the participants' clinical experience.

## Acknowledgment

## **Educational Grant**

AO North America gratefully acknowledges funding for its education activities from the AO Foundation. The AO Foundation receives funding for education from Synthes GmbH.