



Subhro K. Sen, MD

Clinical Associate Professor, Surgery - Plastic & Reconstructive Surgery

CLINICAL OFFICE (PRIMARY)

- **Stanford Plastic Surgery Clinic**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Subhro K. Sen, MD, Clinical Associate Professor in the Division of Plastic and Reconstructive Surgery, graduated from Northwestern University with a degree in biomedical engineering. He went on to receive his medical degree from the Northwestern University Feinberg School of Medicine. After medical school, he completed a yearlong peripheral nerve research fellowship under Dr. Susan Mackinnon at the Washington University School of Medicine in St. Louis. He completed his postgraduate training in general surgery at Indiana University, followed by plastic and reconstructive surgery at Johns Hopkins University. He finished his training with a hand and upper extremity surgery fellowship at Stanford University.

Dr. Sen's general clinical interests are in reconstructive surgery, microvascular surgery, and hand and upper extremity surgery. His practice includes: post-traumatic extremity reconstruction; post-oncologic reconstruction of the head and neck, trunk and extremities; perforator flap surgery; and melanoma surgery. He is medical director of the Advanced Wound Care Center at Stanford Health Care. As a hand surgeon in the Robert A. Chase Hand and Upper Limb Center, he has interests in hand trauma, degenerative conditions, peripheral nerve injuries, and complex upper extremity flap reconstruction.

In addition to his clinical practice, Dr. Sen is involved in research, publication, and teaching. His peer-reviewed research includes studies on extremity reconstruction, peripheral nerve regeneration, and he has authored a number of book chapters on a variety of plastic and hand surgery topics. He has a strong interest in medical device innovation and is currently a faculty fellow in the Stanford Byers Center for Biodesign.

Dr. Sen is certified by the American Board of Plastic Surgery and the American Board of Surgery. He is a member of the American Society of Plastic Surgeons, the American Society for Surgery of the Hand, and the American Society of Reconstructive Microsurgery.

CLINICAL FOCUS

- Hand and Upper Extremity Surgery
- Microvascular Surgery
- Head & Neck Reconstruction

- Upper and Lower Extremity Reconstruction
- Peripheral Nerve Surgery
- Wound Healing
- Plastic Surgery

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Surgery - Plastic & Reconstructive Surgery

ADMINISTRATIVE APPOINTMENTS

- Medical Co-Director, Advanced Wound Care Center, (2014- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Active Member, American Society of Plastic Surgeons (2011 - present)
- Active Member, American Society for Reconstructive Microsurgery (2011 - present)
- Active Member, American Society for Surgery of the Hand (2015 - present)

PROFESSIONAL EDUCATION

- Board Certification: Plastic Surgery, American Board of Plastic Surgery (2010)
- Residency: Indiana University Medical Center (2006) IN
- Fellowship: Stanford University Dept of Plastic Surgery (2009) CA
- Residency: Johns Hopkins University Plastic Surgery Residency (2008) MD
- Residency: Johns Hopkins University Surgery Program (2004) MD
- Board Certification: Surgery of the Hand, American Board of Plastic Surgery (2014)
- Board Certification: General Surgery, American Board of Surgery (2008)
- Medical Education: Northwestern University Feinberg School of Medicine (2000) IL

COMMUNITY AND INTERNATIONAL WORK

- Consultant surgeon, ReSurge International

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Hand Surgery (Fellowship Program)

Publications

PUBLICATIONS

- **THE ECOIN (TM) IMPLANTABLE TIBIAL NERVE STIMULATION DEVICE FOR OVERACTIVE BLADDER SYNDROME IMPROVES QUALITY OF LIFE**
Sand, P., English, S., Lucente, Clark, M., Kaaki, B., Gilling, P., Meffan, P., Sen, S., MacDiarmid, S.
WILEY.2018: S288–S289
- **THE IMPACT OF PATIENT TRAVEL DISTANCE TO A WOUND CARE CENTER ON OUTCOMES OF CHRONIC WOUNDS**
Trang, K., Tran, D. C., Parsley, J., Robertson, R., Fukaya, E., Sen, S. K., Gurtner, G. C., Chandra, V.
WILEY.2017: A2
- **Comparing Muscle and Fasciocutaneous Free Flaps in Lower Extremity Reconstruction-Does It Matter?** *Annals of plastic surgery*
Paro, J., Chiou, G., Sen, S. K.

2016; 76: S213-5

- **Injuries to Appendage Extremities and Digit Tips: A Clinical and Cellular Update** *DEVELOPMENTAL DYNAMICS*
Rinkevich, Y., Maan, Z. N., Walmsley, G. G., Sen, S. K.
2015; 244 (5): 641-650
- **Changing attitudes toward hand allotransplantation among North American hand surgeons.** *Annals of plastic surgery*
Bertrand, A. A., Sen, S., Otake, L. R., Lee, G. K.
2014; 72: S56-60
- **Fascia-only anterolateral thigh flap for extremity reconstruction.** *Annals of plastic surgery*
Fox, P., Endress, R., Sen, S., Chang, J.
2014; 72: S9-S13
- **Assessment of the immune response to dose of nerve allografts** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Sen, S. Y., Lowe, J. B., Brenner, M. J., Hunter, D. A., Mackinnon, S. E.
2005; 115 (3): 823-830
- **Dose-dependent effects of FK506 on neuroregeneration in a rat model** *Annual Meeting of the Research Council of the Plastic-Surgery-Educational-Foundation*
Yang, R. K., Lowe, J. B., Sobol, J. B., Sen, S. K., Hunter, D. A., Mackinnon, S. E.
LIPPINCOTT WILLIAMS & WILKINS.2003: 1832-40
- **Effects of delaying FK506 administration on neuroregeneration in a rodent model** *JOURNAL OF RECONSTRUCTIVE MICROSURGERY*
Sobol, J. B., Lowe, J. B., Yang, R. K., Sen, S. K., Hunter, D. A., Mackinnon, S. E.
2003; 19 (2): 113-118
- **Current approach to radial nerve paralysis** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Lowe, J. B., Sen, S. Y., Mackinnon, S. E.
2002; 110 (4): 1099-1112
- **The effects of rapamycin in murine peripheral nerve isografts and allografts** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Myckatyn, T. M., Ellis, R. A., Grand, A. G., Sen, S. K., Lowe, J. B., Hunter, D. A., Mackinnon, S. E.
2002; 109 (7): 2405-2417