

Brief profile of Dr. Arvinder S. Soin

Group Chairman & Chief Liver Transplant Surgeon, Medanta Institute of Liver Transplantation and Regenerative Medicine, Gurugram & Lucknow.

Chairman, Liver Transplantation, Sir HN Reliance Foundation Hospital, Mumbai

Qualifications: MBBS (AIIMS), MS (AIIMS), FRCS (Glas and Edin), FRCS (Intercollegiate, subspecialty Transplant Surg)

Pioneering Contribution to Liver Transplantation in India

- Recognized the world over for pioneering liver transplantation and live donor liver transplant (LDLT) in India, and putting India on the global liver transplant map
- Performed the first successful liver transplant in India on Nov 6, 1998 (adult DDLT)
- Performed the country's first successful pediatric liver Transplant, Nov 15, 1998
- Established three major LT centers at Apollo Hospital (1998-2001), SGRH (2001-2010), and Medanta-The Medicity (2010-present)
- Performed the highest - > 3600 liver transplants in India including 350 pediatric transplants; with > 90% success.
- Credited with most of the firsts in liver transplant in India - first left lobe, right lobe, dual lobe, swap, simultaneous LDLT + LDKT, ABO-i LDLT, domino, smallest & oldest recipient etc.
- Trained over 120 liver transplant fellows, who now run more than 60 centers in India
- Trained visiting transplant doctors and paramedics from more than 40 centers in India

Research

- **Primary investigator:**
 - National multi-center RCT on TCZ in COVID-19 (published as first author in The Lancet Resp Med 2021)
 - International multi-center RCTs (resulted in 7 publications so far)
 - Protocol CRAD001H2307 (Everolimus – 2014-17)
 - Protocol CLJN452A2202 (NASH –LJN452: 2018-2021)
- Supervised 108 clinical research projects
- Supervised 2 PhD s– ‘Nutrition in Liver Transplantation’, ‘Navigational Liver Surgery’, IIT(D)

Teaching, examining, conferences, workshops

- Surgical Tutor – 1. AIIMS, New Delhi, 2. Cambridge University, UK
- Examiner: 2 Royal Colleges (UK) - FRCS, MRCS; DNB GI Surgery, FNB Liver Transplant
- Organizing Chairperson: 25 liver congresses and workshops (1994-2021)

Publications, lectures

- More than 190 original research articles and book chapters. Over a 1200 lectures globally. (<https://www.ncbi.nlm.nih.gov/pubmed/?term=soin+a>)
- Editor of Elsevier book entitled ‘Liver Transplantation’, 2012

Awards, orations, honors

- Padma Shri (2010), 9 other National and 3 international awards
- Awarded and delivered 16 Orations
- Honorary Fellowship, KGMC, Lucknow, 2007

- Visiting Professor, KEM College and Hospital, Mumbai, 2009 onwards

Innovation in Healthcare

- Several surgical techniques – published 2000-2021; brought NMP to India from Oxford Univ.
- Founder, self-diagnostic and monitoring app 'LiverPedia' 2016-18
- Founder, 'NEOLIVER' Lab – projects: hepatic organoids, and humanized mice models of HCC
- Scientific Advisor and Investor, Zebra Medical Vision (AI company), Israel
- Scientific Advisor and Investor, Y Trap. Inc. (Biotech company), USA

Positions in Professional Organizations

- Founder President, Liver Transplant Society of India 2018-19
- Executive Committee Member – IASG – 4 years
- Vice-President, Indian Society of Transplantation, 3 years
- Member, Vice-Chair, then Chair, Membership & Communic. Committee, International Liver Transplantation Society – 4 years
- Executive Committee Member, International Live Donor Liver Transplant (iLTLT) Group