

A workshop (*Hybrid Mode*) on
**Techno-economic aspects of surgery intervention in India and Australia:
The role of *ex-ante* and *ex-post* systems**

3-4 November, 2025

(A). Healthcare provider services in surgical interventions in India

The medical technology invention and innovation will provide incentives to the healthcare providers to increase surgical interventions to treat diseases and repair and replace damaged organs, and bones to enhance longevity. The performance of the service providers will be determined by the factors of:

(I). The *ex-ante* system:

- (a). investments in education, medical technology, and healthcare infrastructure; and,
- (b). humanistic approaches within surgical practice.

(II). The *ex-post* system:

- (a). research and development to analyse and enhance the surgical performance; and,
- (b). perfect compensation.

The workshop focuses on attributes of *healthcare provider* services in surgical intervention, and efficacy of the *ex-ante* system that is the National Medical Commission, and the *ex-post* system that is the Consumer Courts. The discussion will be on surgical practices in Orthopaedics, Ophthalmologic, Obstetrics & Gynaecology, especially on the following factors:

(I). the code of conduct, as an *ex-ante* system; and,

(II). the analysis of surgical performance, as an *ex-post* system that will generate a valuable knowledge for future surgical interventions.

The inferences generated from the workshop will support to design incentives for both healthcare providers and the beneficiaries of the services to enhance the performance and longevity.

(B). Best practice in Surgery in Australia: Insights from a clinician (A panel discussion)

Preliminary findings from a review carried out by the La Trobe University team as part of the SPARC project will be presented to set the context for a moderated expert discussion with an Australian clinician who has previously trained in India. The discussion will focus on:

- (i). ensuring quality and safety in surgical procedures;
- (ii). addressing ethical considerations in surgical; practice;
- (iii). maintaining currency medical advances and best practices; and,
- (iv). adapting, identifying, and managing surgical complications.

The interdisciplinary and comparative study workshop is a follow-up *online workshop* on “Techno-economic aspects of healthcare provider-beneficiary interactions on surgeries” (<https://www.iitk.ac.in/new/data/WSSPARC-24-03-25.pdf>) which was held in March that had focused on surgical practices in Orthopaedics, Ophthalmologic, Obstetrics & Gynaecology, especially on the following factors:

- (I). surgical standards and the resources required to delivery effective surgical care; and,
- (II). healthcare providers’ experiences regarding the successes, and challenges opportunity for improvement in surgical practice.

The workshop(s) are part of the project on “The Socio-economic Costs of Tortious Surgeries in India - Evaluation of the role of *ex-ante* and *ex-post* policies” conducted under the Scheme for Promotion of Academic and Research Collaboration (SPARC), a Government of India initiative.

Project (#P2963) Investigators and Collaborators:

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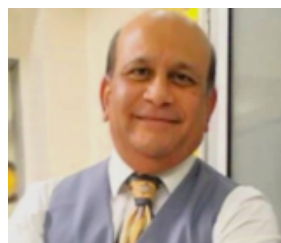
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Associated Member(s) of the Project: Kerstin Steiner, La Trobe University, Australia

Invited Speaker(s) from India:



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NO REGISTRATION FEE FOR THE WORKSHOP

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