

WORLD INSTITUTE FOR TRAUMA RESEARCH (WIT)

Project Proposal

1. Overview The WORLD INSTITUTE FOR TRAUMA RESEARCH (WIT) aims to create a global platform dedicated to fostering research, education, and collaboration in the fields of emergency, acute care, and trauma surgery. **It is collaboration among 4 institutions University of Bologna, University of Maryland, Hamad Corporation University of Qatar and World Society of Emergency Surgery/World Journal of Emergency Surgery.**

WIT is a Global Surgery initiative that could benefit Trauma Science.

This initiative seeks to empower aspiring researchers—particularly those with limited access to academic research centers—by providing mentorship, resources, and international networking opportunities.

2. Mission: To democratize access to high-quality research mentorship and support the development of clinical and experimental studies in trauma, promoting global knowledge sharing and advancing the field worldwide.

3. Objectives

- Facilitate the training of early-career professionals and students in research methodology and academic writing.
- Develop a structured mentorship program that connects junior researchers with experienced senior investigators worldwide.
- Support the development of research projects from idea generation through publication and presentation.
- Enable multicenter and multinational collaborative research in trauma.

- Provide an inclusive platform for academic exchange through regular virtual meetings and events.

4. How It Works

A. Registration & Matching

- Interested individuals register on the WIT platform and submit a brief description of their research interests.
- Senior mentors, listed with their fields of expertise and current availability, are matched based on research alignment and capacity.
- Mentors are selected from WSES Board of Directors

B. Mentorship Process Mentors provide guidance throughout all stages of the research process:

- Mentors will be selected from WSES WJES Board
- Defining the research question and objectives
- Study design and methodology
- Data collection and analysis
- Interpretation of results
- Manuscript writing and editing
- Submission to journals and scientific meetings

In exchange, the mentor will be included as a senior author in the resulting publication(s), promoting academic collaboration and shared credit.

C. Online Community & Meetings

- WIT will host regular Zoom meetings open to all registered members.
- These sessions will include:
 - Presentation of new research ideas
 - Networking opportunities to find collaborators or mentors

- Sharing of preliminary results or published work
- Educational lectures and technical workshops

D. Transparency and Research Focus

- Each mentor will have a dedicated profile outlining their research areas, current projects, and the number of mentees they can support.
- Projects completed under their supervision will be showcased to help prospective mentees understand the scope and success of the mentorship.
- Founding mentors will be encouraged to establish partnerships with WJES and other surgical journals to negotiate publication fee discounts or full waivers, especially for young researchers from low- and middle-income countries (LMICs), fostering greater inclusion and participation.

5. Multicenter and Global Collaboration One of WIT's core pillars is its capacity to launch and support multicenter studies across different countries and institutions. By integrating researchers from diverse settings, the institute will:

- Promote cross-cultural scientific exchange
- Increase the generalizability of research findings
- Provide robust data from varied clinical environments

6. Target Audience

- Residents, and fellows interested in emergency and trauma surgery research
- Surgeons and healthcare professionals in underserved regions
- Academic surgeons seeking to mentor and expand their global impact
- Institutions and societies interested in collaborative research networks

7. Long-Term Vision: To become a global reference hub for research, training, and production in trauma science—bridging gaps, fostering inclusion, and accelerating the advancement of science

The bylaw for World Institute for Trauma Research

1. **Ethical Guidelines:** Developing legal and ethical frameworks for trauma research.
2. **Data Privacy:** Ensuring that trauma research follows strict privacy laws (such as HIPAA in the U.S.) to protect personal and sensitive data collected during studies.
3. **Consent:** Establishing protocols that ensure participants fully understand And follow the instruction given by the mentor institute regarding a specific research project.
4. **Interdisciplinary Approaches:** create holistic approaches to treatment and research.

Proposal SUBMISSION

- 1) ABSTRACT for Board evaluation (Bologna, Baltimora, Doha)
- 2) WTI Meeting 1st Presentation (abstract)
- 3) Official proposal (awarded mentorship)
- 4) WTI Meeting 2nd presentation (full protocol)
- 5) Protocol publication (only for RCT)
- 6) WTI Meeting 3rd presentation (Preliminary Results/ interim analysis)
- 7) WTI Meeting 4th presentation (Final Results)
- 8) Paper Publication on WJES (or other Journals)
- 9) Presentation to WSES Congress

World Institute for Trauma Research Management Process:

