



# The Operating Room Global Journal (TORGJ)

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## Institutional Report: The Operating Room Global (TORG) Annual Report 2025

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<sup>1</sup>The Operating Room Global (TORG).

### ABSTRACT

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**Background:** The Operating Room Global (TORG) Annual Report 2025 documents a year of significant organisational growth, global expansion, and strategic consolidation in education, research, governance, and scholarly publishing. As surgical systems worldwide face workforce shortages, ethical challenges, and inequities in access, structured global collaboration platforms remain critical.

**Objective:** To present a comprehensive overview of TORG's 2025 activities, achievements, and measurable impact across training, research, governance, partnerships, and knowledge dissemination.

**Methods:** This institutional annual report summarises organisational data collected between 1 January and 25 December 2025, including community growth metrics, digital analytics, training participation records, research portfolio development, ethical governance milestones, publication outputs, and strategic partnerships. Quantitative indicators were extracted from verified internal databases and engagement analytics.

**Results:** In 2025, TORG's global community expanded from 213,910 to 260,263 members across 111 member countries. A total of 5,566 training participations were recorded across 30 structured educational events, including global webinars, regional webinars, congresses, collaborative forums, in-person workshops, and an international hybrid scientific conference. Digital engagement exceeded 82 million annual views with nearly 900,000 content interactions. Research expansion included activation of the TORG Global Research Team, initiation of multiple multinational studies, and regulatory milestones achieved by the TORG Institutional Review Board, including U.S. OHRP registration (IORG0012466; IRB00014742) and Federalwide Assurance (FWA00035510). The Operating Room Global Journal (TORGJ) successfully published two peer-reviewed issues in 2025, strengthening academic dissemination. Legal incorporation of The Operating Room Global Centre for Education, Research & Innovation in Ireland further enhanced institutional governance and sustainability.

**Conclusion:** The year 2025 marked a transformative phase for TORG, characterised by measurable global reach, structured capacity building, strengthened research governance, and academic consolidation. The organisation is strategically positioned to scale its impact in 2026 through expanded training delivery, research output, ethical oversight, and international partnerships aimed at advancing safe, sustainable, and patient-centred surgical and perioperative systems worldwide.

**Keywords:** *Global surgery; Perioperative education; Surgical systems strengthening; Research governance; Capacity building; International collaboration.*

**The Operating Room Global (TORG)**  
**Annual Report 2025, Reporting Period: 1 January - 25 December 2025.**

### Executive Summary

The year 2025 marked a transformative period for The Operating Room Global (TORG). Over the reporting period (1 January - 25 December 2025), TORG significantly expanded its global training footprint, strengthened research and ethical governance structures, delivered structured education to over 5,000 professionals, published peer-reviewed scholarly work, and consolidated its role as a leading international platform for perioperative education, research, and collaboration.

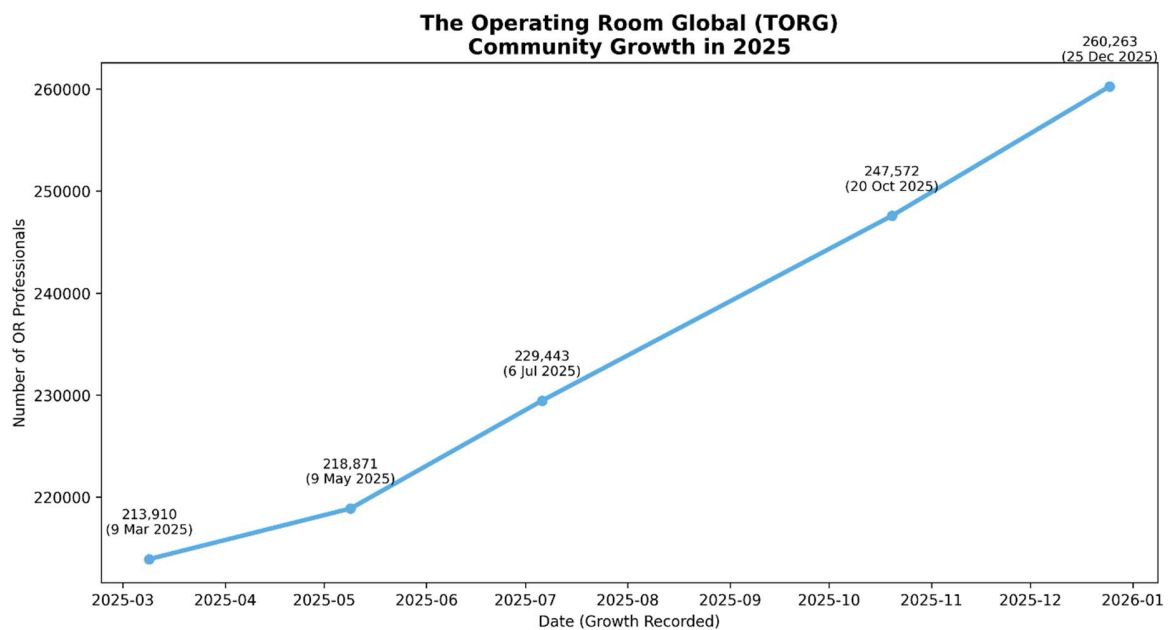
### 1.0 Introduction

This Annual Report presents an overview of TORG's activities, impact, and achievements during 2025. It documents progress across education and training, research and innovation, publications, partnerships, governance, and global community growth.

## 2.0 Community Growth & Global Reach

### 2.1 Community Growth in 2025

Between March and December 2025, TORG's global community of operating room professionals grew from 213,910 to 260,263, reflecting sustained international engagement across education, research, and professional development activities.

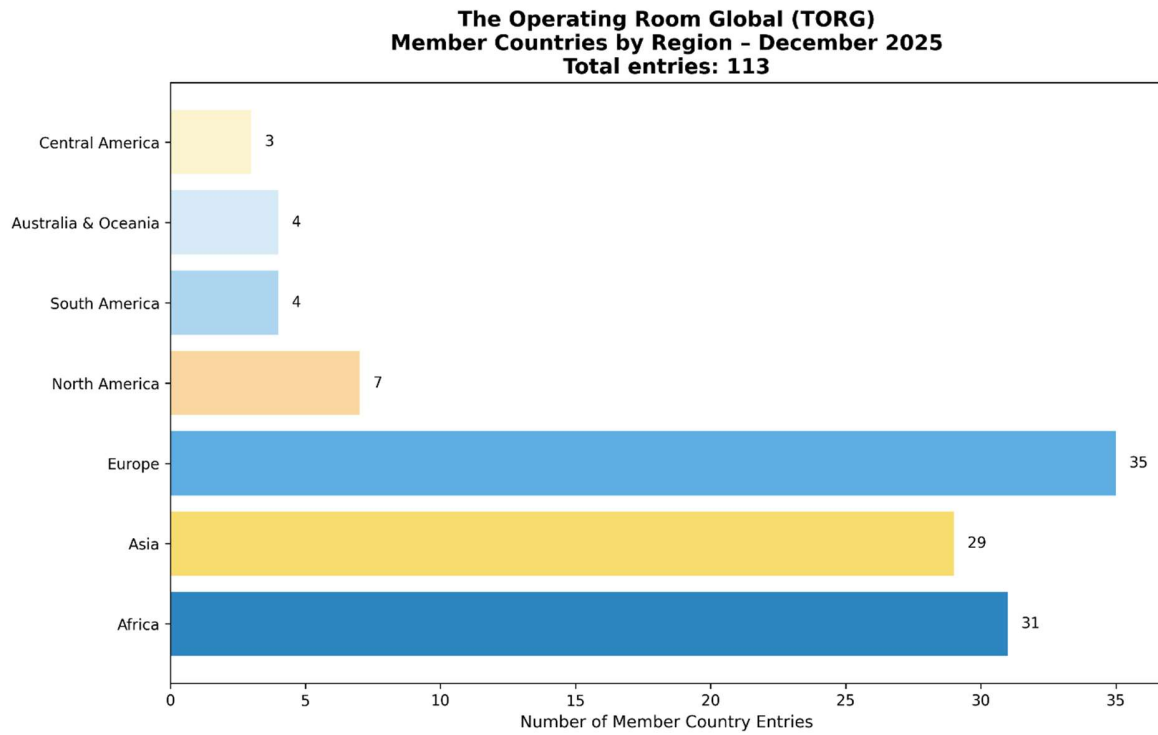


**Figure 1. TORG Community Growth in 2025**

*Growth of the TORG global professional community based on recorded engagement milestones between March and December 2025.*

### 2.2 Global Footprint: Member Countries

As of December 2025, TORG recorded **111-member country entries**, spanning Africa, Asia, Europe, North America, South America, and Oceania. Figures reflect country entries rather than unique sovereign states due to transcontinental classifications.



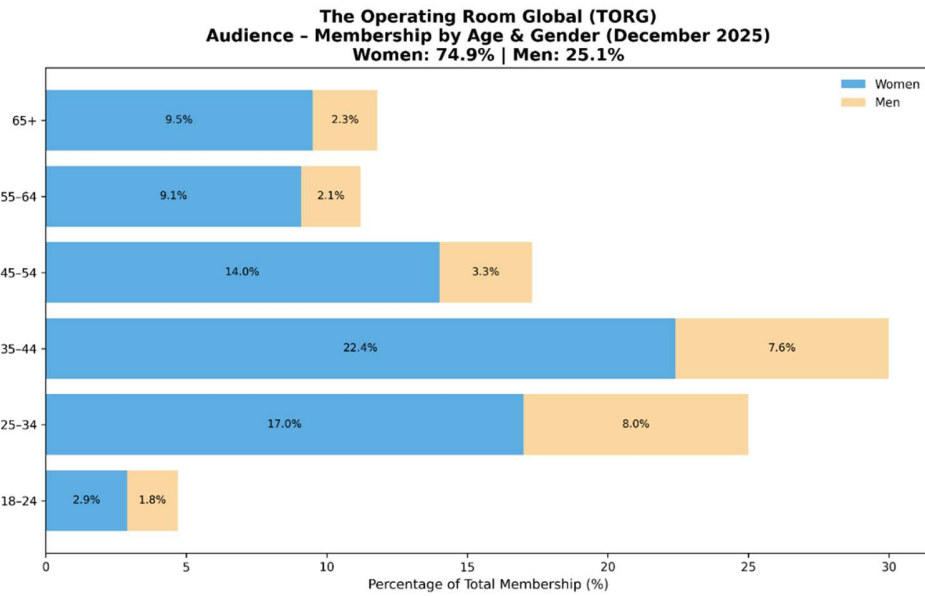
**Figure 2. TORG Member Countries by Region (December 2025)**

*Regional distribution of TORG member country entries.*

*This total (113) reflects entries, not unique sovereign countries. Some entities are counted more than once due to transcontinental classification: Russia (Europe & Asia) & Azerbaijan (Europe & Asia) Total Member Countries: 111. A detailed list of TORG member countries by region is provided in **Appendix A**.*

### 3.0 Audience & Demographics

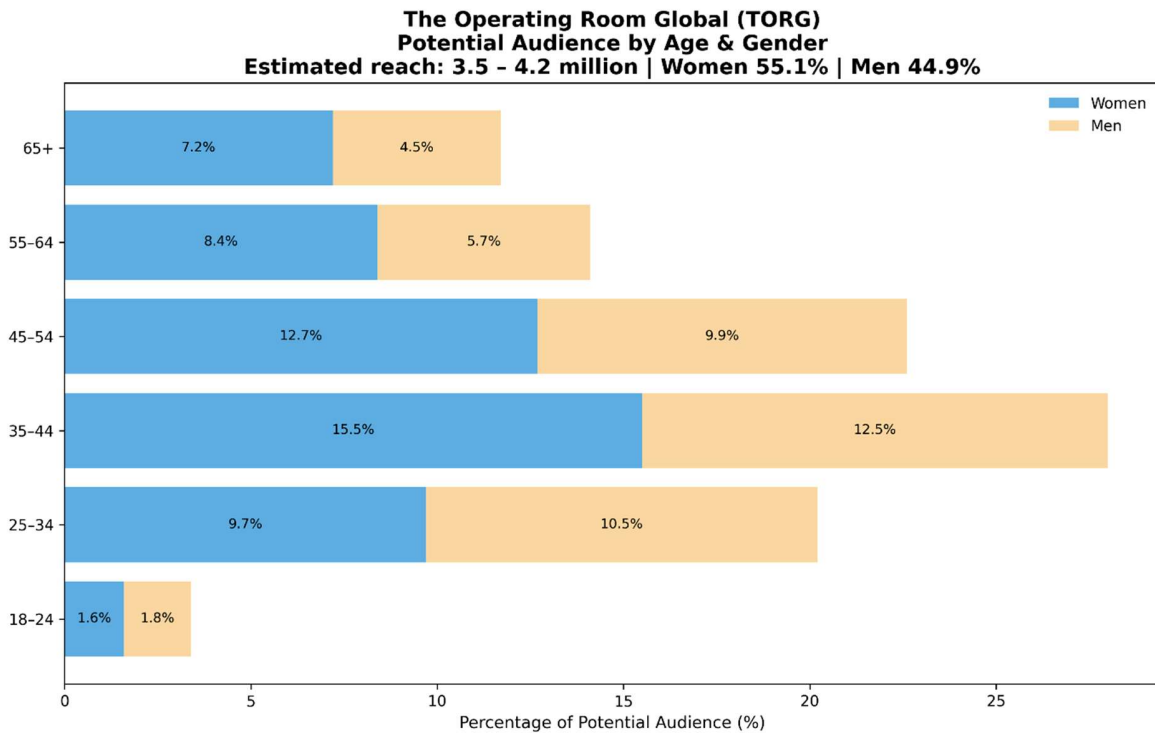
**3.1 Membership Demographics:** Women: 74.9%, Men: 25.1%



**Figure 3. Membership Age and Gender Distribution (December 2025)**  
*Age and gender distribution of registered TORG members.*

**3.2 Potential Audience Profile**

- Estimated potential audience: 3.5-4.2 million professionals
- Women: 55.1%, Men: 44.9%

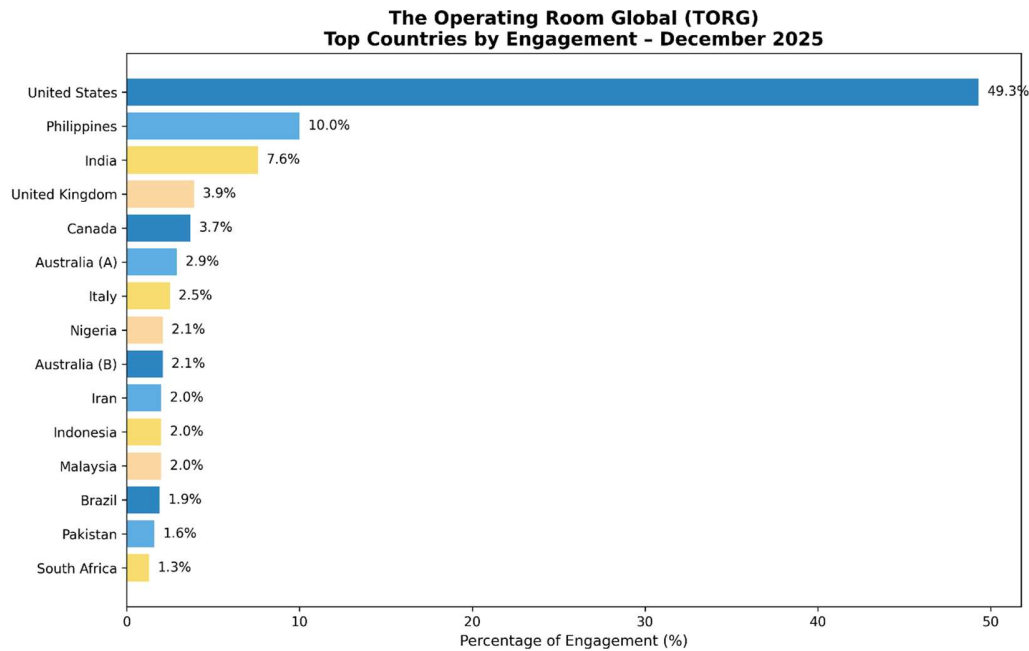


**Figure 4. Potential Audience by Age and Gender**  
*Estimated demographic profile of the global perioperative and surgical workforce aligned with TORG's mission.*

**4.0 Engagement Analytics**

#### 4.1 Top Countries by Engagement

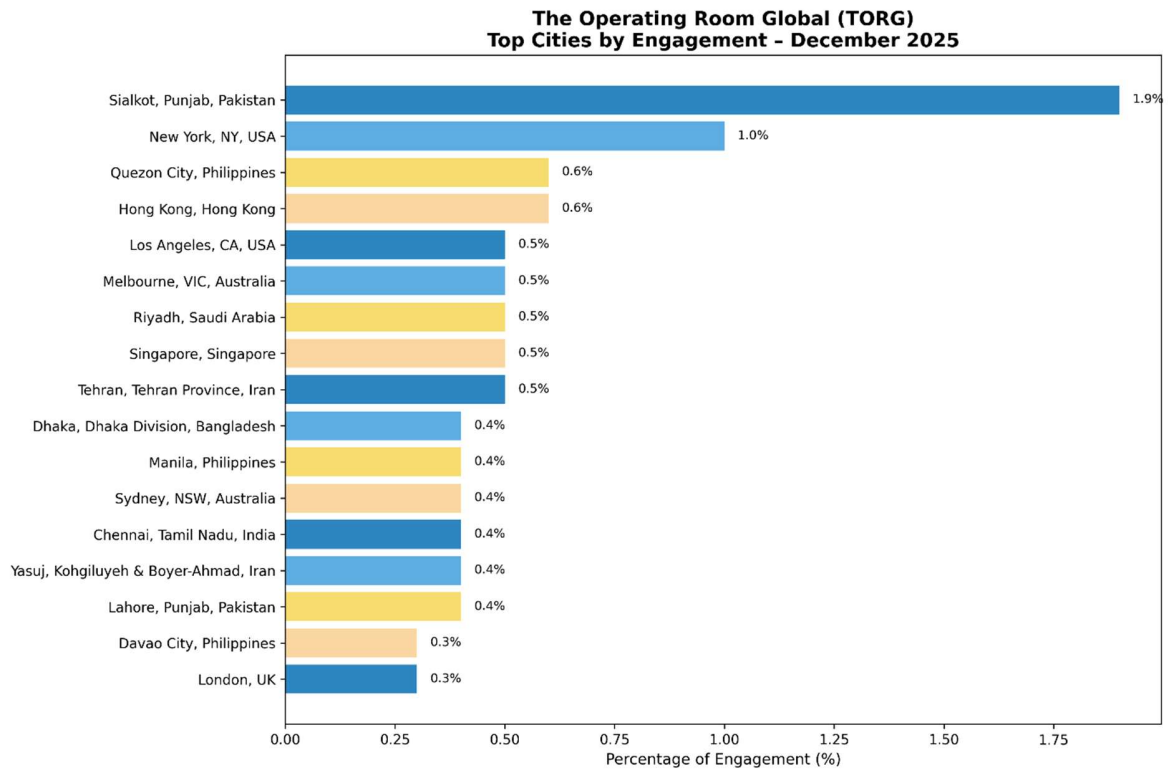
Countries with the highest engagement in December 2025 included the United States, Philippines, India, United Kingdom, Canada, Australia, Nigeria, Iran, Indonesia, Malaysia, Brazil, Pakistan, and South Africa.



*Figure 5. Top Countries by Engagement (December 2025)  
Countries ranked by engagement metrics across TORG platforms.*

#### 4.2 Top Cities by Engagement

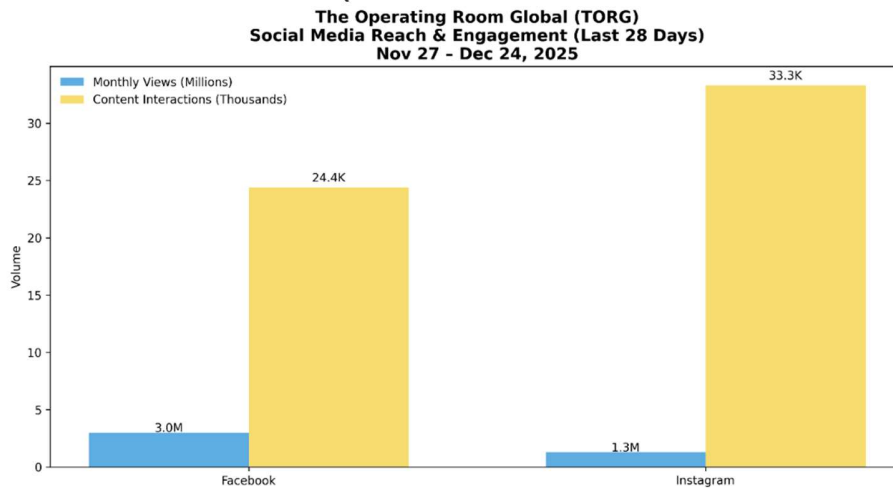
Figure 6 depicts Key cities contributing to engagement included Sialkot, New York, Quezon City, Hong Kong, Los Angeles, Melbourne, Riyadh, Singapore, Tehran, and Dhaka.



**Figure 6. Top Cities by Engagement (December 2025)**  
*City-level engagement hotspots reflecting global participation in TORG activities.*

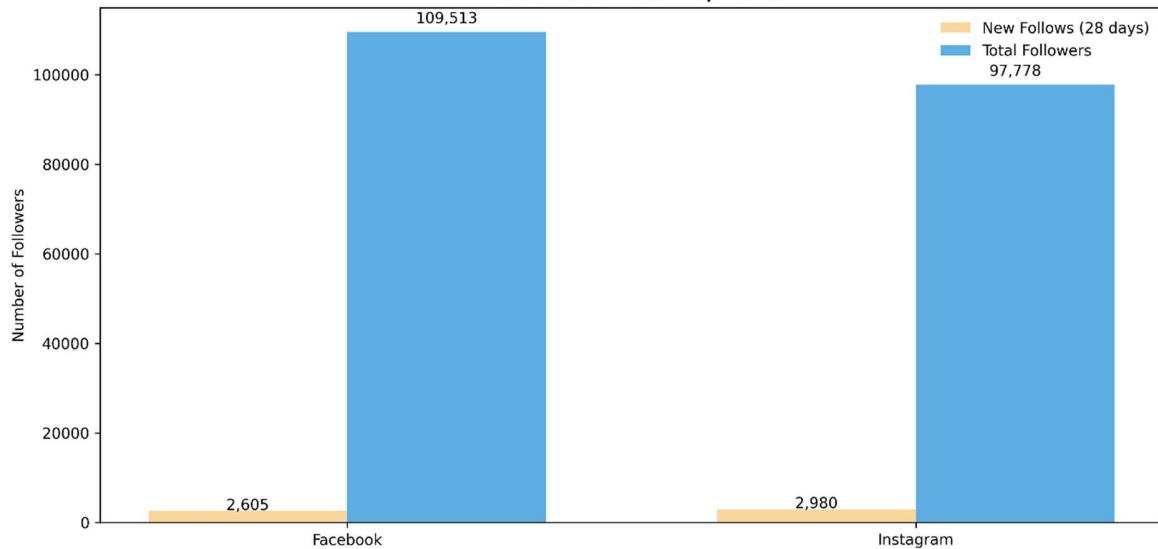
## 5.0 Digital & Social Media Performance

### 5.1 Social Media Performance - Last 28 Days (27 Nov-24 Dec 2025)



**Figure 7a. Social Media Reach and Engagement (Last 28 Days)**  
*Views and content interactions across Facebook and Instagram.*

**The Operating Room Global (TORG)  
Social Media Audience Growth (Exact Figures)  
As of December 24, 2025**



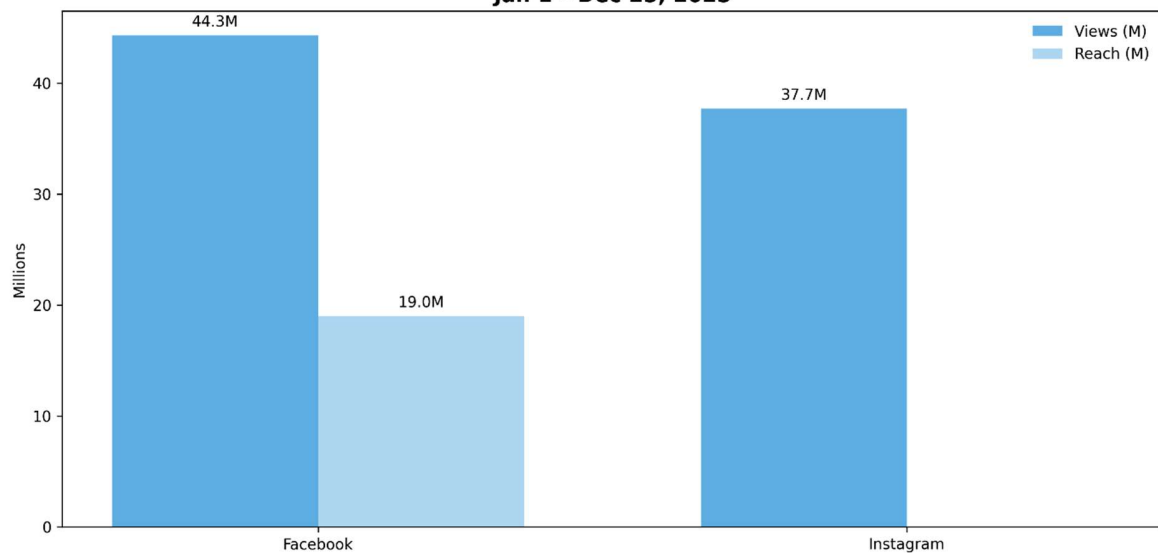
**Figure 7b. Social Media Audience Growth (Last 28 Days)**  
*New followers and cumulative audience size as of December 2025*

Figures 7a-7b. Social Media Reach and Engagement (Nov 27-Dec 24, 2025).

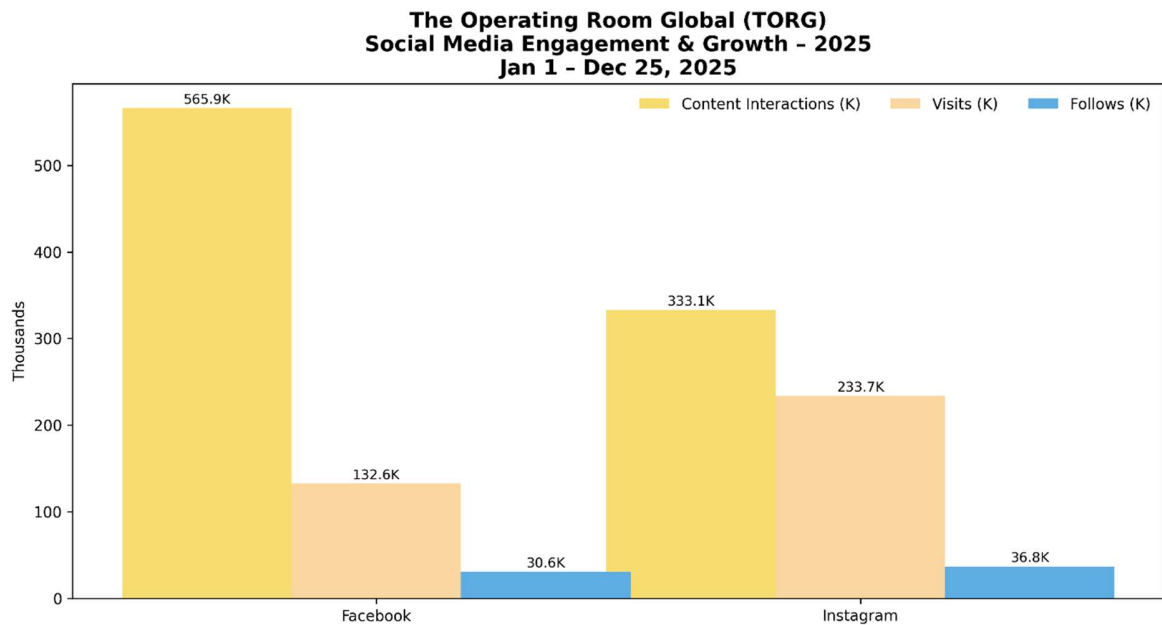
During the reporting period, TORG achieved strong digital engagement across platforms, recording over 4.3 million monthly views, 57,700 content interactions, and continued audience growth, with total followers reaching 109,513 on Facebook and 97,778 on Instagram.

**5.2 Social Media Performance - Full Year 2025**

**The Operating Room Global (TORG)  
Social Media Views & Reach - 2025  
Jan 1 - Dec 25, 2025**



**Figure 8a. Annual social media Views and Reach (2025)**  
*Total annual views and reach across Facebook and Instagram.*



**Figure 8b. Annual Engagement and Audience Growth (2025)**

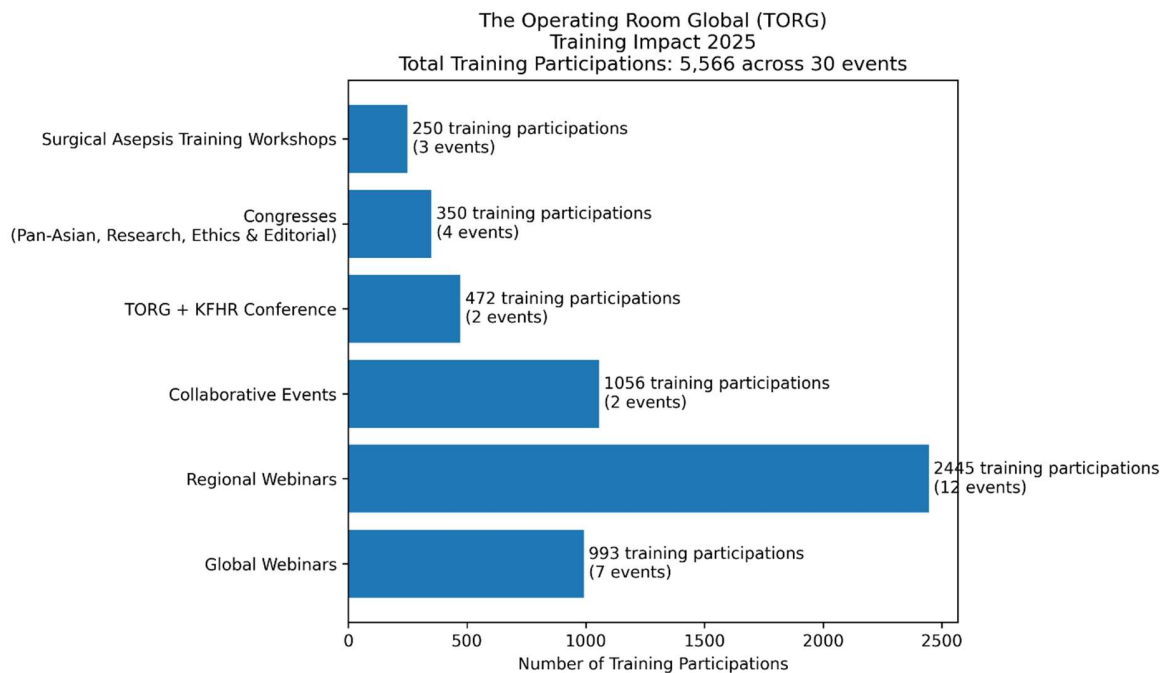
*Annual content interactions, visits, and follower growth.*

As per Figures 8a-8b, in 2025, TORG achieved extensive digital reach and engagement, generating over 82 million views, nearly 900,000 content interactions, and strong audience growth across Facebook and Instagram.

## 6. Education, Training & Capacity Building

### 6.1 Training Impact Overview

**Total Number of Professionals Trained in 2025: 5,566 professionals (Figure 9).**



**Figure 9. Training Impact 2025: Events, Modality, Dates, and Participation**

Summary of training delivery by TORG in 2025, including number of events, delivery modality (virtual, in-person, hybrid), date ranges, and professionals trained.

## 6.2 Global Webinars (6 Events | 993 Trained)

Key global webinar topics and dates included (Table 1).

Event	Trained
Embracing our Destiny: Indications for Robotic Surgery and Advantages for Patients and Surgeons with Dr. Adel Abou-Mrad - TORG + TROGSS Webinar - March 9, 2025	256
Future of Surgery/ Surgery for Future with Amb./Prof./Dr. M. Mahir Özmen - TORG + TROGSS Webinar - May 4, 2025	224
Clinical Interview Masterclass: The STAR Technique for Surgical & Perioperative Roles with Amb./Prof./Dr. Adebisola Adenike Owokole - June 22, 2025	111
Standing Up for the World: The Global Orthopedic Crisis and Our Mission to Restore Mobility with Dr. Nicholas Ochieng Okumu - September 21, 2025	82
Building the Global Perioperative Workforce: Nurses, Anesthetists, and surgeons in Short Supply with Dr. Nikki Washington - October 05, 2025	125
Cyber threats in the OR: Evolving Risks and How to Safeguard Surgical Technology with DeJuan Kennedy - October 12, 2025	79

Neurosurgery Webinar: Topic 1: "Clinical Experience with Intracranial Tumors in Low-Resource Settings: Practical Insights and Lessons Learned" with Dr. Roland Nchufor Ndouh. Topic 2: "Building Capacity in Neurosurgery: Challenges and Opportunities in Resource-Limited Settings" with Dr. Charles Kachungungu - November 2, 2025	116
Subtotal - Global Webinars:	<b>993 trained</b>

*Table 1. Global Webinars Delivered by TORG in 2025*

### 6.3 Regional Webinars (12 Events | 2,445 Trained)

Regional webinars were delivered across Rwanda, Pakistan, Nigeria, Sierra Leone, Zimbabwe, and Ethiopia, addressing: Surgical safety and checklist implementation, Sterilization and infection control, Workforce wellbeing and ergonomics, Quality improvement in perioperative care and more (Table 2).

REGIONAL WEBINARS	Topics with Dates	TOTAL TRAINED
Rwanda	<ol style="list-style-type: none"> <li>1. Awareness Under Anesthesia: Understanding, Preventing, and Managing Intraoperative Awareness with Dr. Justin Hagumimana (January 19, 2025, 188 Trained).</li> <li>2. Surgical Safety Checklist in the Operating Room with Florence Furaha (February 9, 2025, 303 Trained)</li> <li>3. Early Infant Male Circumcision (EIMC): Procedure, Benefits, and Complications Management" with Mr. Augustin Ntakirutimana (April 20, 2025, 104 Trained)</li> </ol>	595
Pakistan	<ol style="list-style-type: none"> <li>1. Essential Quality Assurance Standard in Central Sterile Supply Department (CSSD) with Mr. Muhammad Naveed (January 26, 2025, 186 Trained).</li> <li>2. Workplace Satisfaction and Retention Strategies for OR Staff with Ms. Hira Salim (February 16, 2025, 141 Trained)</li> </ol>	327
Nigeria	<ol style="list-style-type: none"> <li>1. Reducing Musculoskeletal Injuries in Healthcare: Ergonomic Solutions and Best Practices with Oluwatoyin Akinlade (February 2, 2025, 176 Trained).</li> <li>2. Revolutionizing Sterilization: Exploring New Technologies, Environmental Impact, and Cost-Effectiveness in Healthcare with Jessie Lopez (March 2, 2025, 218 Trained).</li> <li>3. Fostering a Safe and Respectful Workplace: Addressing Bullying, Harassment, and Violence with Mr. Sunday Ojekhekpen (April 13, 2025, 188 Trained).</li> <li>4. Innovations in Sterilization and Surgical Instrument Maintenance: Enhancing Patient Safety through SHARP and STERI Programs with K. (Miles) Miles (May 11, 2025, 243 Trained).</li> </ol>	825

Sierra Leone	<ol style="list-style-type: none"> <li>1. Implementation of Enhanced Recovery after Cesarean Section Protocol in Resource Limited Settings: A Quality Improvement Project from Evidence to Reality with Hailemariam Getachew Tesema (March 16, 2025, 188 Trained).</li> <li>2. Perimortem Cesarean Section: A Life-Saving Procedure in Maternal Cardiac Arrest with Foday Daddy Mansaray (May 18, 2025, 112 Trained).</li> </ol>	300
Zimbabwe	<ol style="list-style-type: none"> <li>1. Comprehensive Perioperative Management: Enhancing Patient Safety and Surgical Outcomes" with Nothando Dube (April 27, 2025, 155 Trained).</li> </ol>	155
Ethiopia	<ol style="list-style-type: none"> <li>1. Safety Walk Rounds: A Leadership-Driven Journey to Patient Safety, Experience Sharing from Debre Birhan Comprehensive Specialized Hospital (DBCSH) with Dr. Nigussie Tefera Habiteyohannis (March 23, 2025, 108 Trained).</li> <li>2. Pain Free Hospital Implementation: a Multidimensional Intervention to Improve Pain Management at University of Gondar Specialized Hospital, Ethiopia with Demeke Yilkal Fentie (May 5, 2025, 135 Trained).</li> </ol>	243
<b>Subtotal - Regional Webinars</b>		<b>2,445 trained</b>

*Table 2. Regional Webinars by Country, Topic, and Date (2025)*

#### 6.4 Conferences & Congresses

##### TORG + KFHR 2025 | 2nd Annual Scientific Conference & 10th Anniversary

The Operating Room Global (TORG), in collaboration with King Faisal Hospital (KFH), Kigali, Rwanda proudly celebrated the TORG+KFHR 2025 | 2nd Annual Scientific Conference & 10th Anniversary in the vibrant city of Kigali, Rwanda at IRCAD Africa.

- **Format:** Hybrid (In-person and Virtual)
- **Dates:** 26-28 August 2025
- **Professionals trained:** 472

Conference Modality	Date(s)	Trained
In-person	26 Aug 2025	176
Virtual	26-28 Aug 2025	296

*Table 3. Participation by Conference Modality - TORG + KFHR Conference (August 2025)*



*Figure 10a: TORG + KFHR 2025 | 2nd Annual Scientific Conference & 10th Anniversary*



*Figure 10b: TORG + KFHR 2025 | 2nd Annual Scientific Conference & 10th Anniversary*

Figures 10a & 10b highlight key moments from the TORG + KFHR 2025 | 2nd Annual Scientific Conference, commemorating TORG's 10th anniversary and showcasing multidisciplinary engagement and global collaboration.

#### 6.5 Collaborative Events: Collaborative Regional Webinars & Global Health Dialogues (2025)

In 2025, The Operating Room Global (TORG) supported and co-delivered collaborative regional webinars and global health dialogue sessions focused on patient safety, multidisciplinary teamwork, and risk management in the operating room. These activities brought together surgeons, anaesthesiologists, perioperative nurses, surgical technologists, trainees, and students across Africa and Asia.

Through these initiatives, TORG-supported educational activities reached over 1,050 participants, spanning virtual and in-person engagement, and strengthened cross-regional collaboration in global surgical and perioperative care.

Date	Activity	Topic	Format	Participants Reached	Collaborating Organisations
20 July 2025	TORG-Ethiopia & TORG-Cameroon Collaborative Webinar	<i>Building Stronger Surgical Teams: Unity in Action</i>	Virtual Panel Discussion. Featuring 6 Panelists (2 Surgeons, 1 Anesthesiologist, 2 Perioperative Nurses, 1 Surgical Technologist) and 2 Session Chairs.	147 registered participants	TORG-Ethiopia Chapter, Cameroonian Medical Students' Association, InCiSioN Cameroon, Cameroon Nurses Association. Facilitated by Student Dr. Samuel Fodop, TORG Conference Fellow.
20 December 2025	Global Health Dialogue: Patient Safety & Risk Management in the Operating Theatre	<i>Patient Safety and Risk Management in the Operating Theatre</i>	Hybrid (In-person & Virtual)	727 in-person attendees; 182 online accounts (minimum 909 participants)	Emversity (India), TORG India Chapter. Facilitated by Dr. Zakir Hussain Parray.

**Table 4: Summary of Collaborative Educational Activities**

Table 4 summarises collaborative educational activities delivered in 2025, reaching a minimum of 1,056 multidisciplinary clinicians, trainees, and students through expert-led and interactive learning sessions.

#### 6.6 Congresses (Pan-Asian, Research Ethics & Editorial Training), 4 Events | 350 Trained)

Activity	Trained
IRB Ethics Congress - 29 Jun. Theme: "Ethics in Global Surgery Research: Foundations, Challenges, and Best Practices"  Featuring expert insights on: Global frameworks in surgical research ethics, Practical challenges with vulnerable populations, and Modern surgical paradigms and future perspectives.	89
TORGJ Editorial Forum - 3 Aug. Theme: "Publishing with TORGJ: Best Practices for Manuscript Preparation, Submission & Publication"	125
TORG-India Pan-Asian Congress - 23 Nov. Topic 1: "Surgical Asepsis: Foundations of Infection Prevention in the Operating Room" with Dr. Krunal Soni. Topic 2: "The Future of Orthopedic Surgery: Challenges, Opportunities, and Innovations" with Dr. Gratien Nzayikorera.	94
Global Research Fellowship (Cohort-wide teaching) - 6 Dec. Title: Development of Research Questions Addressing Pre- and Post-Operative Context with Dr. Elhadi Miskeen.	42
<b>Subtotal - Research &amp; Editorial Training</b>	350 trained

*Table 5. Participation in the Congresses (Pan-Asian, Research Ethics & Editorial Training).*

Table 5 summarises participation across four congress-level educational activities in 2025, with a total of 350 participants trained in research ethics, academic publishing, surgical practice, and research capacity development.

### 6.7 Surgical Asepsis In-Person Training Workshops - TORG India (Apollo PROTECT Programme)

In 2025, the **TORG India Chapter** delivered a series of **three Surgical Asepsis Training Workshops** under the **Apollo PROTECT Orthopaedics Programme** at **Apollo Hospitals Ahmedabad**. Led by **Dr. Krunal Soni**, National Director, TORG India, the workshops focused on reinforcing core principles of surgical asepsis, infection prevention, patient safety, and operating theatre discipline for multidisciplinary operation theatre teams. Building on the success of the inaugural session, the subsequent workshops deepened participants' understanding of maintaining surgical asepsis, including proper scrubbing protocols, use of personal protective equipment, sterile field discipline, sterilisation indicators, and colour-coded safety systems. These repeat trainings were intentionally designed not as duplications, but as progressive reinforcements, contributing to a sustained culture of accountability, teamwork, and excellence in the operating theatre. The continued engagement of the surgical teams demonstrated a shared commitment to patient-centred, safe, and reliable surgical care.

Across the three workshops, **approximately 250 operating theatre professionals** were trained, reflecting significant institutional engagement and impact.

#### Key Training Focus Areas

- Surgical scrubbing and hand hygiene (5-7 minutes)
- Proper use of mask, cap, gown, and gloves
- Maintenance of sterile field and hand positioning

- Sterilisation indicators and compliance
- Colour-coded systems for infection prevention
- Team discipline and patient safety culture.

**Table 6: Summary of Surgical Asepsis Training Workshops**

Programme	Location	Organising Chapter	Lead Facilitator	Number of Workshops	Estimated Participants Trained	Key Focus
Apollo PROTECT - Surgical Asepsis Training Workshops	(In-Person) Apollo Hospitals, Ahmedabad, India	TORG India Chapter	Dr. Krunal Soni	3	~250 (approx.)	Surgical asepsis, infection prevention, OT discipline, patient safe

Table 6 summarises the delivery and focus areas of surgical asepsis training workshops, highlighting key infection prevention practices and patient safety principles reinforced across participating operation theatre teams.

*Figure 11: Images from Surgical Asepsis In-Person Training Workshops - TORG India*



6.8 Final Total - Trained In 2025

Category	Number of Events	Trained
Global Webinars		993

	7 event s	
Regional Webinars	12 events	2,445
Collaborative Events	2 events	1,056
TORG+KFHR Conference	2 events	472
Congresses (Pan-Asian, Research Ethics & Editorial Training)	4 events	350
Surgical Asepsis Training Workshops	3 events	250
<b>TOTAL TRAINED IN 2025</b>	<b>30 EVENTS</b>	<b>5,566 TRAINING PARTICIPATIONS</b>

*Table 7. Total Trained in 2025*

In 2025, The Operating Room Global (TORG) delivered structured education and training activities reaching over 5,000 registered training participations across global and regional webinars, international congresses, conferences, and cohort-based research and ethics programmes.

## 7. Research, Innovation & Ethics

### 7.1 Global Research Projects

In 2025, The Operating Room Global (TORG) strengthened its research portfolio through the formal establishment and activation of the TORG Global Research Team, appointed in **January 2025** and officially inaugurated on **2 February 2025**. The team operates at the forefront of innovation, driving high-impact, multicentre research initiatives aligned with TORG's mission to enhance operating room practices, perioperative safety, and surgical systems globally.

The work of the TORG Global Research Team spans innovative research design, global data analytics, ethics and quality assurance, and knowledge dissemination, setting new benchmarks in perioperative research and education across diverse health system contexts.

#### 7.1.1 TORG Global Research Projects (2025)

During the reporting period, five flagship research projects were initiated under the 2025 research portfolio. TORG contributed to and led several high-profile collaborative research initiatives in 2025:

- Ongoing Project D-25: *A Multinational Audit of WHO Surgical Safety Checklist Adherence in Low-Resource Settings*. Conducted across multiple sites and countries, this audit (initiated in April 2025) assesses compliance with the WHO Surgical Safety Checklist and identifies system-level barriers and facilitators to safe surgical practice.
- Onboarding WHO Operative Encounter Pilot (February 4, 2025): Participation in the WHO Clinical Registry Operative Encounter Module Pilot Project, developed under the guidance of the WHO Integrated Health Services Department, Clinical Services and Systems (CSY) Unit, with technical input from the G4 Alliance. The pilot involved multisites and supports global efforts to standardise operative data collection.
- Ongoing RAMPs Study - Regional Assessment of Lower Limb Amputations in Sub-Saharan Africa: A multinational, multidisciplinary collaborative project led by the University of Birmingham in partnership with TORG, launched through a call on 22 June 2025. The study assesses causes, care processes, and outcomes of lower limb amputations across sub-Saharan Africa.

- Ongoing - Geospatial Accessibility and Financial Protection for Bellwether Surgery in Resource-Limited African Communities: Led by the TORG-Ethiopia (TORG-ETH) Research Unit, this initiative (call issued 10 July 2025) examines geographic access to essential surgical services and financial risk protection for populations in resource-limited settings.
- Audit Project A-25: *Assessment of Safe Patient Handling Practices and Their Impact on Work-Related Musculoskeletal Injuries among Healthcare Workers in Nigerian Hospitals*. This study examines occupational health risks among healthcare workers, with a focus on ergonomics and injury prevention in perioperative and clinical settings.
- Ongoing Project F-25: *Evaluating the Integration of Virtual Reality in Ophthalmology Surgical Training and Practice in Ireland: A Mixed-Methods Study*. A doctoral-level mixed-methods research project inviting multidisciplinary collaborators to examine the educational, clinical, and implementation impact of Virtual Reality (VR) in ophthalmology surgical training and practice in Ireland. The study comprises a systematic literature review, semi-structured interviews with national and international stakeholders, a two-round Delphi consensus study, and the development of a national VR implementation framework.

#### 7.1.2 Upcoming Projects:

- Project B-25: *Analyzing the Predictors of Knowledge Improvement in Endotracheal Intubation Training: A Secondary Analysis of Video-Assisted versus Hands-On Demonstration Data*. This project evaluates educational effectiveness in airway management training, comparing instructional modalities to inform evidence-based training strategies.
- Project E-25: *Identifying Novel Biomarkers for Postoperative Delirium in Older Surgical Patients After Major Non-Cardiac Surgery and Anesthesia*. Launched via a call in June 2025, this project explores the identification and validation of neuroinflammatory and neurodegenerative biomarkers (including GFAP, NfL, and IL-6) associated with postoperative delirium. The study aims to develop predictive models integrating clinical risk factors to improve perioperative outcomes in older surgical populations.



Figure 12: RAMPS Project Update, December 2025 and Multinational Audit Project Month 3 Update.

The images in Figure 12 highlight ongoing data collection, site engagement, and implementation progress across participating institutions in both research initiatives.

## 7.2 Institutional Review Board (IRB)

The **TORG Institutional Review Board (IRB)** plays a pivotal role in advancing ethical integrity, transparency, and excellence in global perioperative research conducted under the auspices of The Operating Room Global (TORG). Drawing on the collective expertise and commitment of its members, the IRB provides ethical oversight and guidance for innovative research studies aimed at enhancing patient safety, advancing clinical knowledge, and supporting sustainable global surgical development.

The TORG-IRB operates in accordance with internationally recognised ethical frameworks, including the Declaration of Helsinki, the Belmont Report, and applicable local and national regulatory requirements in countries where TORG-led research is conducted. Through this framework, the IRB ensures the protection of human subjects and the ethical conduct of research across diverse health system contexts.

### Key Milestones and Activities (2025)

- **Inauguration:** The TORG-IRB was formally inaugurated on **19 February 2025**.
- **Proposal Submissions Opened:** Research ethics proposal submissions officially opened on **24 February 2025**.
- **IRB Expansion:** The IRB team was expanded on **20 April 2025**, strengthening its multidisciplinary and international capacity.
- **Inaugural Ethics Congress:**
  - **Date:** 29 June 2025
  - **Participants:** 89 registered professionals
  - **Theme:** “Ethics in Global Surgery Research: Foundations, Challenges, and Best Practices”
  - **Key focus areas:**
    - Global frameworks in surgical research ethics

**THE OPERATING ROOM GLOBAL INSTITUTION REVIEW BOARD**

# TORG-IRB

OFFICIALLY REGISTERED WITH THE U.S. OFFICE FOR HUMAN RESEARCH PROTECTIONS (OHRP)

FWA Number: FWA00035510  
IORG Number: IORG0012466, IRB Number: IRB00014742

**MEET THE TEAM**

*What this achievement means:*

- 1 TORG-IRB is federally recognized to conduct and oversee human subjects research in line with the U.S. and international ethical standards.
- 2 TORG-IRB is eligible to review research involving invasive procedures and clinical trials, especially those requiring rigorous ethical oversight, including federally funded research.
- 3 Enhances the protection of human subjects involved in TORG-led studies globally.
- 4 Builds trust among partners, collaborators, and communities we serve.
- 5 Opens new opportunities for global collaborations, scholarly publications, and research training initiatives.
- 6 Positions TORG as a leader in ethical research governance in global surgery and allied health fields.

**OHRP**  
Office for Human Research Protections  
*Upholding Ethical Research Excellence!*

**RESEARCH**

**Proposal Submission Portal (SCAN QR CODE)**

Visit Our Website  
<https://torgcari.org/torg-irb/>

The Largest Network of all Operating Room Professionals in One Place!

- Ethical challenges in research involving vulnerable populations
- Emerging surgical paradigms and future ethical considerations

### Regulatory Recognition and Assurance Figure 13. Key IRB Milestones in 2025

In 2025, the TORG-IRB achieved significant regulatory milestones, further strengthening its governance framework:

- **Official Registration with the U.S. Office for Human Research Protections (OHRP):**
  - IORG Number: IORG0012466
  - IRB Number: IRB00014742
  - Registration Date: 28 April 2025
- **Federalwide Assurance (FWA):**
  - Issued by the U.S. Office for Human Research Protections (OHRP)
  - Date: 5 June 2025
  - FWA Number: FWA00035510

### Impact and Strategic Significance

The establishment and formal recognition of the TORG-IRB significantly enhance the

credibility and integrity of all research conducted under TORG. It ensures compliance with internationally accepted ethical standards, strengthens the protection of human research participants, and builds trust among partners, collaborators, and the communities served by TORG.

Furthermore, the IRB's governance framework positions TORG to expand global research collaborations, support scholarly publications, and deliver high-quality research training initiatives, reinforcing its leadership role in ethical research governance within global surgery and allied health fields.

## 8. Publications & Knowledge Dissemination

### 8.1 The Operating Room Global Journal (TORGJ), ISSN 3105-3262 (Online) | Quarterly | CC-BY 4.0 Licensed | Peer-Reviewed

In 2025, The Operating Room Global Journal (TORGJ) established a robust editorial governance structure to support high-quality scholarly publishing and knowledge dissemination in global surgery and perioperative care.

Key editorial milestones achieved during the reporting period included:

- **Editorial Team Call:** Conducted between February and April 2025, inviting experienced clinicians, researchers, and academics to contribute to the development of the journal.
- **Editorial Team Appointment:** The inaugural TORGJ Editorial Team was formally appointed on 27 May 2025.

- Editorial Team Inauguration: The TORGJ Editorial Team was officially inaugurated on 1 June 2025, marking the commencement of structured editorial operations.
- TORGJ Editorial Forum - *From Manuscript to Impact*:
  - Date: 3 August 2025
  - Participants Trained: 125
  - Focus: Best practices in manuscript preparation, peer review, submission processes, and publication ethics, aimed at strengthening research writing and publication capacity among global health professionals.



This structured approach to editorial governance and capacity building has strengthened the journal's academic integrity, supported authors from diverse settings, and reinforced TORGJ's role as a credible platform for disseminating high-quality research in global surgery and perioperative systems.

Publications.

In 2025, The Operating Room Global Journal (TORGJ) published two issues (Volume 1, Issues 1 and 2), featuring peer-reviewed original research, systematic reviews, audits, case reports, and policy-oriented analyses addressing surgical systems strengthening, patient safety, ethics, workforce performance, infection control, and access to surgical care in diverse global settings.

## TORGJ - Volume 1, Issue 1 (2025) 10 Manuscripts, 36 Contributors

**Theme:** *“Strengthening Surgical Systems and Human Factors in Global Health”*

**DOI:** 10.64573/torgj0925001

This issue addressed surgical systems strengthening, workforce capacity, human factors, infection control, and patient safety across global contexts.

## TORGJ - Volume 1, Issue 2 (December 2025)

**10 Manuscripts, 37 Contributors**

**Theme:** *“Advancing Safe, Ethical, and Sustainable Patient-Centred Care Across Surgical and Perioperative Systems”*

**DOI:** 10.64573/torgj1125001

Included original research, audits, systematic reviews, and case studies addressing sterilization safety, ethics, service access, clinical outcomes, and perioperative quality improvement.

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Peer-reviewed, Open-access & International

# The Operating Room Global Journal (TORGJ)

VOLUME 1 ISSUE 1 | AUGUST 2025

Theme: "Strengthening Surgical Systems and Human Factors in Global Health"

*In this Issue*

- COMPLICATIONS OF UTERINE LEIOMYOMAS: A COMPARATIVE REVIEW OF UTERINE FIBROID EMBOLIZATION AND MYOMECTOMY IN MANAGEMENT AND OUTCOMES.
- GLYCAEMIC CONTROL AND ITS IMPACT ON EARLY POST-OPERATIVE OUTCOMES IN PATIENTS UNDERGOING MINIMALLY INVASIVE CARDIAC SURGERY.
- THE IMPACT OF NURSE WORKFORCE LEVELS ON PATIENT OUTCOMES IN UK HOSPITALS: A SYSTEMATIC REVIEW.
- A DELPHI SURVEY OF HEALTHCARE PROVIDERS' PERSPECTIVES ON PATIENT INVOLVEMENT AND SATISFACTION IN SURGICAL DECISION-MAKING IN LOW- AND MIDDLE-INCOME COUNTRIES (LMICS).
- OUTCOMES OF SMART OR AUTOMATED STERILIZATION TRACKING IN CENTRAL STERILE SERVICES DEPARTMENTS (CSSDs): A SYSTEMATIC REVIEW.
- EFFECT OF ORGANIZATIONAL AND ENVIRONMENTAL STRESSORS ON SURGICAL TEAM PERFORMANCE AND PATIENT SAFETY IN A NORTHWEST AFGHAN TERTIARY HOSPITAL: A CROSS-SECTIONAL STUDY.
- ASSESSMENT OF MENTAL HEALTH OF PREGNANT AND POSTPARTUM WOMEN ATTENDING ANTENATAL AND POSTNATAL SERVICES IN TERTIARY HEALTH INSTITUTIONS IN ANAMBRA STATE.
- ANXIETY AND DEPRESSION AMONG RURAL POPULATION DUE TO LOCKDOWNS DURING COVID-19 PANDEMIC.
- ASSESSMENT OF KNOWLEDGE AND PRACTICES OF OPERATION THEATRE PROFESSIONALS REGARDING INFECTION CONTROL PROTOCOLS AT PIMS HOSPITAL IN LAHORE.
- SCALING LAPAROSCOPIC SURGERY IN LMICS: BARRIERS, INNOVATIONS AND POLICY RECOMMENDATIONS.

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# The Operating Room Global Journal (TORGJ)

VOLUME 1 ISSUE 2 DECEMBER 2025

Theme: "Advancing Safe, Ethical, and Sustainable Patient-Centred Care Across Global Surgical and Perioperative Systems."

*In this Issue*

- ETHYLENE OXIDE GAS STERILIZATION: A SYSTEMATIC REVIEW OF CARCINOGENICITY, TOXICITY AND OCCUPATIONAL EXPOSURE.
- OSTEOCHONDROMA OF THE PUBIC RAMUS PRESENTING WITH SEXUAL DYSFUNCTION: A CASE REPORT.
- PREVALENCE AND SEX-RELATED STRUCTURAL DIFFERENCES OF THE THYROID VALVE IN A SELECT KENYAN POPULATION: AUTOPSY STUDY.
- MANAGING RECURRENT OSTEOMYELITIS IN THE CONTEXT OF ANTIMICROBIAL RESISTANCE IN SUB-SAHARAN AFRICA: A NARRATIVE REVIEW.
- HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH NON-CYSTIC FIBROSIS BRONCHIECTASIS: A CROSS-SECTIONAL OBSERVATIONAL STUDY.
- ETHICAL PERCEPTIONS OF EUTHANASIA AMONG MEDICAL AND NON-MEDICAL UNDERGRADUATE STUDENTS IN PAKISTAN: A QUALITATIVE EXPLORATORY STUDY.
- EMERGENCY ROOM FOLEY CATHETER RETRIEVAL OF AN DESMORPHAL FOREIGN BODY IN A LOW-RESOURCE SETTING: A CASE SERIES.
- PATTERNS OF INTRAVITREAL INJECTION UTILISATION, TREATMENT BURDEN, AND COST IMPLICATIONS IN A PUBLIC OPHTHALMOLOGY SERVICE: A RETROSPECTIVE AUDIT.
- CLINICAL INCIDENT REPORTING PRACTICE AND ASSOCIATED FACTORS AMONG HEALTH PROFESSIONALS IN DEBRE BIRHAN COMPREHENSIVE SPECIALIZED HOSPITAL, NORTH SHOA, AMHARA, ETHIOPIA.
- WAITING TIMES FOR CATARACT SURGERY IN AN IRISH REGIONAL HOSPITAL: A RETROSPECTIVE AUDIT.

The Official Journal of The Operating Room Global Centre For Education, Research and Innovation. [www.torgj.org](http://www.torgj.org)

Aligned with the United Nations Sustainable Development Goals (SDGs):

- SDG 3: Good Health and Well-Being.
- SDG 9: Industry, Innovation & Infrastructure.
- SDG 10: Reduced Inequalities.
- SDG 12: Responsible Consumption & Production.
- SDG 16: Peace, Justice & Strong Institutions.

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- SDG 12: Responsible Consumption & Production.
- SDG 16: Peace, Justice & Strong Institutions.

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## 8.2 TORG Magazine (TORG-MAG)

 **GET A COPY OF TORG-MAG**

EBOOK FORMAT  
AND PAPERBACK FORMAT  
NOW AVAILABLE ON AMAZON  
FOR GLOBAL DELIVERY

**TORG-MAG Volume 2 Issue 1,**  
Mar. 2025 Publication, Theme: *"Bridging  
Borders, Saving Lives: The Global Pulse  
of Perioperative Care"*



**TORG-MAG Volume 1 Issue 2,**  
Dec. 2024 Publication, Theme: *"Innovating for Tomorrow: The Future of  
Global Surgical Excellence"*



**TORG-MAG Volume 1 Issue 1,**  
Aug. 2024 Publication,  
Theme: *"Surgical Symphony"*



**THE OPERATING ROOM GLOBAL (TORG)**  
For upcoming editions and article submissions, visit:  
[www.operatingroomissues.org](http://www.operatingroomissues.org)



In 2025, The Operating Room Global Magazine (TORG-MAG) concluded its publication cycle, marking an important phase in TORG's knowledge dissemination strategy. All three issues of TORG-MAG were published on **Amazon in February 2025**, each featuring **eight manuscripts** addressing perioperative practice, innovation, and global surgical themes.

The issues published were:

- **Volume 1, Issue 1 - *Surgical Symphony*** (August 2024), Paperback ISBN: **9798311696913**
- **Volume 1, Issue 2 - *Innovating for Tomorrow*** (December 2024), Paperback ISBN: **9798311718851**
- **Volume 2, Issue 1 - *Bridging Borders, Saving Lives*** (March 2025), e-ISSN: **3078-5073**, ISBN: **9798313238302**

The **Inaugural Issue** (*Surgical Symphony*, August 2024) was printed and formally launched at the **TORG 2024 Inaugural Scientific Conference**, serving as a flagship publication for the organisation's early scholarly engagement. Following the establishment of **The Operating Room Global Journal (TORGJ)** as a peer-reviewed academic journal, the TORG-MAG was formally discontinued, reflecting a strategic transition toward a dedicated journal platform to support higher-impact scholarly publishing and academic indexing.

### 8.3 Official TORG Book Published

In **February 2025**, The Operating Room Global (TORG) published its first official book, *Medical Laws and Ethics for Allied & Healthcare Professionals*, authored by **Dr. Zakir Hussain Parray**. The publication provides a comprehensive overview of legal and ethical principles relevant to allied health and healthcare

professionals, supporting professional practice, patient safety, and ethical decision-making across diverse healthcare settings.

The book was released in multiple formats to enhance accessibility:

- **Kindle Edition:** ISBN 9798311593106
- **Paperback Edition:** ISBN 9798311593106
- **Hardcover Edition:** ISBN: 9798311600125

This publication represents a significant milestone in TORG's commitment to knowledge dissemination, professional education, and ethical practice within global healthcare and perioperative systems.

## 9. Strategic Partnerships

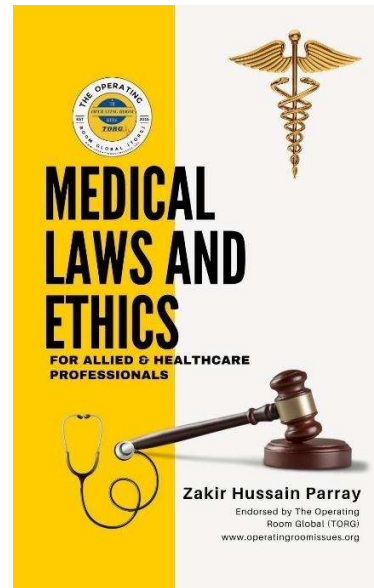
In 2025, The Operating Room Global (TORG) strengthened and expanded its strategic partnerships to advance education, training, research, and capacity building across surgical and perioperative disciplines globally.

### 9.1 Professional and Academic Partnerships

- **The Robotic Global Surgical Society (TROGSS) Partnership (Agreement signed: 19 April 2025).** In partnership with The Robotic Global Surgical Society (TROGSS), The Operating Room Global (TORG) supported intercontinental surgical training by facilitating and endorsing TORG members' applications to the TROGSS Intercontinental Training Program (ITP). Eligibility for observerships, fellowships, and visiting professorships in robotic surgery, advanced laparoscopy, and advanced endoscopy was restricted to TORG members, ensuring that programme access aligned with TORG's membership framework and professional development objectives.
- **Magister Chirurgiae (MCh), Association of Future Surgeons:** Partnership initiated on **13 January 2025** to support surgical education and early-career professional development.
- **ECAMS:** Celebrated **one year of partnership** on **1 February 2025**, providing TORG members with exclusive discounted access to aesthetic medicine and surgery training programmes.
- **UNICAF Scholarships:** Launched on **5 March 2025**, offering TORG members up to **85% scholarships** for online undergraduate, postgraduate, and doctoral programmes at partner universities, including University of California, Riverside Extension (UCR), UNICAF University, Liverpool John Moores University, University of Suffolk and University of East London.

### 9.2 Training, Innovation, and Capacity-Building Partnerships

- **Safe Surgery Innovation (STERI & SHARP):** Initiated on 27 January 2025 by the TORG-Nigeria Sterilization and Infection Control Committee in collaboration with Safe Surgery Innovation (SSI).
  - **STERI:** A globally recognised online certification programme in sterilization technology for LMIC healthcare settings.
  - **SHARP:** The world's first combined hands-on and e-learning programme for surgical instrument repair in LMICs.



- **IRCAD Africa:** In May 2025, TORG secured 50% discounted access for members to IRCAD Africa's minimally invasive surgery training programmes.

### 9.3 Research and Institutional Partnerships

- **RAMPs Study - University of Birmingham:** Memorandum of Understanding signed on 4 July 2025 to support a multinational study on lower limb amputations in sub-Saharan Africa.
- **International Bariatric Club (IBC), Oxford:** Partnership confirmed; Memorandum of Understanding signed in October 2025.
- **Murhesa Medical Center, Democratic Republic of Congo:** Initial engagement on 2 October 2025, with Memorandum of Understanding signed on 7 October 2025.



MURHESA NEUROSURGICAL CENTER  
**TORG NATIONAL HUB,**  
 DEMOCRATIC REPUBLIC OF CONGO.

[www.operatingroomglobal.org](http://www.operatingroomglobal.org)

Global Collaboration, Local Impact

### 9.4 Upcoming Partnerships

- Borama Regional Hospital, Somaliland: Initial partnership meeting held on 29 November 2025.
- Max King Institute, Rwanda: Partnership initiated on 1 December 2025.

## 10. Chapter Growth & Leadership

### Leadership Appointments (2025)

Between January and March 2025, leadership appointments were made to strengthen national and global leadership capacity:

- India x 2, Nepal x 1, Burundi x 1 Nigeria

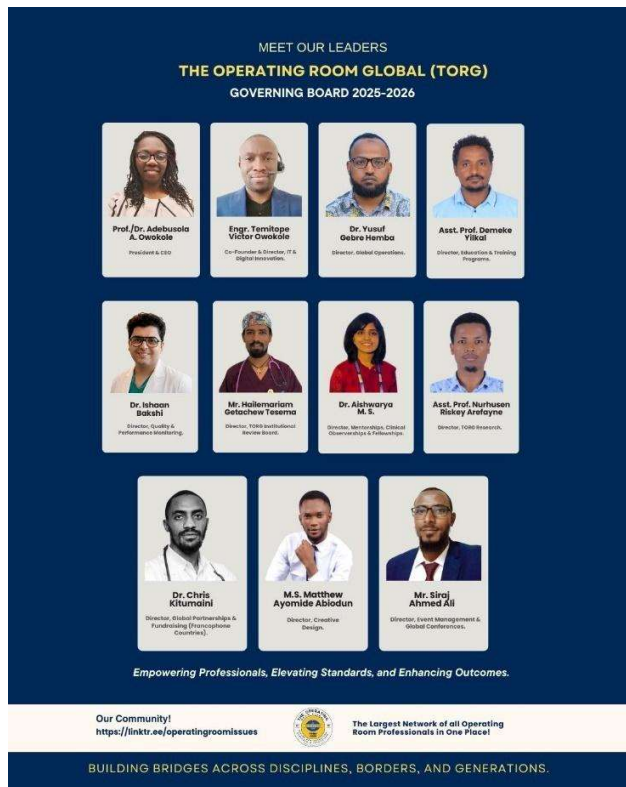
Additional leadership appointments during the year included:

- June 2025: Cameroon, *Conference Media & Outreach Fellow*.
  - July 2025: New Zealand, Russia, Nigeria
- September 2025: India, *National Director*.
  - October 2025: New TORG Governing Board Members appointed for 2025/2026 Term.

## 11. Volunteer Engagement & Governance

In 2025, The Operating Room Global (TORG) strengthened volunteer participation and organisational capacity through structured calls, appointments, and leadership development initiatives across research, governance, and creative functions.

Key volunteer engagement milestones included:



- **Global Calls for Volunteers (January-April 2025):** Open calls issued for participation in the TORG Global Research Team, Institutional Review Board (IRB), and TORG Journal Editorial Team, supporting multidisciplinary and international representation.
- **Expansion of TORG-Nigeria Committees:** Committee structures within TORG-NG were expanded in January 2025 to enhance local programme delivery and operational effectiveness.
- **TORG Creative Design Team (TORG-CDT):**
  - Call for volunteers and appointments conducted in July 2025. Two additional expanded calls in the last quarter of 2025.
  - Promotions and structural reorganisation implemented in October 2025, resulting in the appointment of one Director and two Unit Heads.
- **TORG Research Mentors' Network (TORG-REM):** Calls and appointments for research mentors were completed in October 2025,

supporting structured mentorship and research capacity building.

- **TORG Governing Board:** Calls and appointments were conducted between October and November 2025, with the formal inauguration held on 16 November 2025.

These volunteer engagement activities strengthened governance, expanded professional participation, and reinforced TORG's commitment to inclusive leadership and sustainable organisational growth.

## 12. Legal Incorporation in Ireland

In 2025, The Operating Room Global (TORG) reached a significant organisational milestone with the successful legal incorporation of The Operating Room Global Centre for Education, Research & Innovation Ltd in the Republic of Ireland. This incorporation represents an important step in strengthening TORG's legal and institutional foundation as a global organisation.

The establishment of a legally recognised entity enhances TORG's governance, transparency, and accountability, while expanding opportunities for international partnerships and collaboration. It also positions TORG to access international grant funding, research frameworks, and formal institutional engagements, supporting the organisation's long-term sustainability and impact in global surgical and perioperative education, research, and innovation.

### 13. TORG-Democratic Republic of Congo (DRC) Chapter



In October 2025, The Operating Room Global (TORG) formalised the establishment of its Democratic Republic of Congo (DRC) Chapter through the official signing of a Memorandum of Understanding (MoU) with Murhesa Neurosurgical Center, Bukavu, South Kivu, on 7 October 2025. This partnership designates Murhesa Neurosurgical Center as TORG's National Hub in the DRC, strengthening regional capacity for surgical education, innovation, and research.

As part of ongoing collaborative efforts, representatives from the TORG-DRC National Hub, Dr. Charles Kachungungu (Consultant Neurosurgeon and Head of Murhesa Neurosurgical Center) and Dr. Chris Kitumaini (Medical Advisor, Murhesa Neurosurgical Center) undertook a strategic visit to IRCAD Africa. The visit supported knowledge exchange and collaboration

in surgical training, research, and innovation.



### 14. TORG Global Research Fellowship - Mentorship Track

In October 2025, The Operating Room Global (TORG) inaugurated the TORG Global Research Mentors' Network (TORG-REM) and launched the Global Research Fellowship - Mentorship Track, a structured 12-month programme (December 2025-November 2026) designed to build research capacity among early-career clinicians, surgical trainees, medical students, and allied health professionals.

The inaugural cohort comprises 31 selected fellows representing 7 countries, reflecting the programme's global reach and commitment to inclusive research capacity development. The fellowship is supported by 10 globally selected, multidisciplinary research mentors with expertise across surgery, anesthesia, perioperative nursing, biomedical sciences, and health systems research.



Mentors provide structured guidance through monthly mentor-mentee meetings, targeted workshops on research methodology, manuscript development, and scientific presentation skills, and ongoing monitoring of project milestones. Fellows undertake research, audit, or quality improvement projects aligned with TORG's mission, with programme outputs culminating in abstract submission to scientific conferences, publication in The Operating Room Global Journal (TORGJ), and oral presentation at the Virtual TORG Global Research Symposium. Structured processes are in place to address underperformance, uphold academic standards, and foster international collaboration and professional development.

## 15. Establishment of the TORG Scholarship & Fellowship Support Fund

During the reporting period, **The Operating Room Global (TORG)** initiated the development of a unified funding mechanism to support education, fellowship completion, research, and capacity-building activities across its global programmes. The **TORG Scholarship & Fellowship Support Fund** was conceptualised as a transparent, ethically governed fund through which members of the global diaspora, healthcare professionals, institutions, and partners may contribute **any amount** towards:

- TORG scholarships and structured educational programmes
- Fellowship completion and graduation support
- TORG-aligned research and innovation projects
- Travel grants and academic exchange opportunities

The Fund integrates fellowship support within the broader scholarship framework, ensuring flexibility, equity, and sustainability, while maintaining strong governance and academic independence.

A recognition-based donor framework was developed to acknowledge contributions ethically and non-commercially, with no donor influence over selection, training, or research outcomes. Provisions were also established for impact and financial utilisation reporting, donor recognition preferences (including

anonymity), and optional invoicing or payment link requests to support institutional and diaspora contributors.

This initiative reflects TORG's continued commitment to strengthening global operating room education, research, and leadership development through accountable, inclusive, and sustainable resource mobilisation.

## 16. Milestones & Achievements Organisational Growth & Visibility

- Surpassed major digital engagement milestones, reflecting sustained global reach and community growth:
  - 80,000 Facebook followers - January 13, 2025
  - 90,000 followers - May 2025
  - 95,000 followers - July 9, 2025
  - 100,000 followers - September 13, 2025
- Strengthened TORG's visibility and influence as a global convening platform for operating room professionals.
- In 2025, TORG achieved extensive digital reach and engagement, generating over 82 million views, nearly 900,000 content interactions, and strong audience growth across Facebook and Instagram.
- During the last 28 days (Nov 27-Dec 24, 2025), TORG achieved strong digital engagement across platforms, recording over 4.3 million monthly views, 57,700 content interactions, and continued audience growth, with total followers reaching 109,513 on Facebook and 97,778 on Instagram.

## Governance, Leadership & Institutional Development

- Appointed the TORG Global Research Team in January 2025 and formally inaugurated the team on February 2, 2025, strengthening research leadership and coordination.
- Inaugurated the TORG Governing Board (2025-2026) on October 16, 2025, reinforcing governance, oversight, and strategic direction.
- Incorporated a new organisational arm in Ireland: The Operating Room Global Centre for Education, Research & Innovation - June 24, 2025, strengthening TORG's institutional and legal presence in Europe.

## Education, Training & Capacity Building

- Successfully delivered the inaugural TORG-King Faisal Hospital Rwanda (KFHR) Clinical Observership Programme in March 2025, providing hands-on clinical exposure and skills enhancement for the first cohort of participants.
  - The programme contributed to clinical skill development and patient care at KFHR.
  - Call for the 2026 Cohort opened in October 2025, reflecting programme sustainability and growth.

The Operating Room Global (TORG) invites members of the global diaspora, healthcare professionals, institutions, and partners to support the:

## TORG Scholarship & Fellowship Support Fund!

Support Education. Enable Graduation. Advance Research.

**Your contribution at any level helps**

- Fund TORG scholarships
- Support fellowship completion and graduation
- Advance TORG-aligned research & innovation
- Enable travel grants and academic exchange.

**Donor Recognition**

- Formal acknowledgement (unless anonymity is requested)
- Recognition on TORG platforms and annual reports
- Access to annual impact and financial utilisation reports
- Invitations to selected TORG academic and scientific events
- Optional opportunities to contribute as mentors or advisors.

**Why Your Support Matters**

- Talented operating room professionals across low- and resource-constrained settings face barriers to training, research, and program completion.
- Your support removes those barriers.

**Ways to Contribute**

- Donate any amount
- One-off or recurring support
- Individual, diaspora, institutional & foundation giving.

Donate any amount. Create lasting impact.  
Governed by TORG ethical, financial, and data protection frameworks.  
Visit: <https://torgceri.org/torg-scholarship-fund/>

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- Advanced structured scholarship and fellowship pathways, including planning for the TORG Scholarship & Fellowship Support Fund, to support education, programme completion, and leadership development.

#### **Research, Ethics & Academic Output**

- Confirmed participation of 44 hospitals across multiple countries for the WHO Surgical Safety Checklist Audit - April 2025.
- Achieved key regulatory and ethical milestones:
  - Institutional Review Board (IRB) registration
  - Federalwide Assurance (FWA) secured between February and July 2025
- Published the first TORG book on February 21, 2025, marking a significant milestone in academic dissemination and knowledge leadership.
- Appointed the TORG Journal (TORGJ) Editorial Board on May 27, 2025, strengthening academic publishing capacity.

#### **Partnerships & Global Collaboration**

- Signed a Memorandum of Understanding (MoU) with the RAMPs Team, University of Birmingham on July 4, 2025, supporting collaborative research on lower limb amputations in sub-Saharan Africa.
- Strengthened partnerships with King Faisal Hospital Rwanda (KFHR) through education, observerships, and anniversary activities.
- Continued to expand regional and international collaborations across Africa, Europe, and Asia.

#### **Chapters, Regional Expansion & Events**

- Celebrated the 10th Anniversary of The Operating Room Global in Kigali, Rwanda in August 2025, marking a decade of impact in global operating room education, research, and advocacy.
- Inaugurated the TORG-Democratic Republic of Congo (DRC) Chapter at Muhesa Neurosurgical Center, Bukavu, South Kivu - October 2025, expanding TORG's regional footprint.
- Delivered the TORG-India Pan-Asian Congress 2025 on November 23, 2025, strengthening engagement across Asia and promoting cross-regional collaboration.

#### **Strategic Sustainability & Resource Mobilisation**

- Conceptualised and initiated the TORG Scholarship & Fellowship Support Fund as a unified, transparent mechanism to support:
  - Scholarships
  - Fellowship completion and graduation
  - Research and innovation
  - Travel grants and academic exchange
- Developed ethical donor recognition frameworks, opt-in donor engagement mechanisms, and impact reporting structures to support sustainable and accountable resource mobilisation.

#### **Conclusion & Forward Strategy**

The year 2025 strengthened TORG's foundations in education, research, governance, and global collaboration. In 2026, TORG will focus on scaling training delivery, expanding research outputs, deepening partnerships, and advancing ethical and innovative surgical systems worldwide.

#### **APPENDIX A: TORG MEMBER COUNTRIES BY REGION (DECEMBER 2025)**

This appendix presents the TORG member country entries by geographic region as of December 2025. Figures reflect country entries rather than unique sovereign states, as some entities are counted in more than one region due to transcontinental classification.

**Africa (31 Country Entries):**

TORG member countries in Africa include Nigeria, Tanzania, Swaziland (now Eswatini), Zimbabwe, Kenya, South Africa, Rwanda, Ghana, Cape Verde, Malawi, South Sudan, Namibia, Egypt, Mauritius, Zambia, Senegal, Botswana, Gambia, Angola, Ethiopia, Cameroon, Libya, Sierra Leone, Uganda, Somalia, Tunisia, Morocco, Democratic Republic of Congo, Burundi, Algeria, and Burkina Faso.

**Asia (29 Country Entries):**

In Asia, TORG member country entries include Malaysia, Philippines, Saudi Arabia, Pakistan, India, Indonesia, Nepal, Russia (partly in Europe and Asia), United Arab Emirates, Iraq, Iran, Jordan, Singapore, Palestine, Bahrain, Oman, Taiwan, Vietnam, Yemen, Japan, Hong Kong, Lebanon, Bangladesh, Sri Lanka, Kazakhstan, Azerbaijan (Eurasia), Maldives, Qatar, and Afghanistan.

**Australia and Oceania (4 Country Entries):**

TORG representation in Australia and Oceania includes Australia, Fiji, Papua New Guinea, and Kiribati.

**Central America (3 Country Entries):**

In Central America, TORG member country entries include Puerto Rico, Antigua & Barbuda, and St. Lucia.

**Europe (35 Country Entries):**

European TORG member country entries include Sweden, Greece, Denmark, Monaco, Germany, Wales, England, Scotland, Northern Ireland, North Macedonia, the Netherlands, Albania, Hungary, Russia (partly in Europe and Asia), Cyprus, Latvia, Lithuania, Republic of Ireland, Portugal, Spain, Poland, Croatia, Czech Republic, Austria, Liechtenstein, Finland, Norway, France, Belgium, Kosovo, Romania, Italy, Azerbaijan (Eurasia), Bulgaria, and Andorra.

**North America (7 Country Entries):**

In North America, TORG member country entries include the United States of America, Jamaica, Mexico, Bermuda, the British Virgin Islands (BVI), Dominica, and The Bahamas.

**South America (4 Country Entries):**

South American TORG member country entries include Brazil, Ecuador, Colombia, and Peru.

**Appendix Note**

- **Total country entries: 113**
- This total reflects entries, not unique sovereign countries.
- Some entities are counted more than once due to transcontinental classification, notably Russia (Europe & Asia) and Azerbaijan (Europe & Asia). Total Member Countries: 111.

**APPENDIX B: DISSOLVED COMMITTEES AND LEADERSHIP STRUCTURES (2025)**

The following committees, chapter executive teams, and organisational structures were formally dissolved in 2025 as part of TORG's governance review, restructuring, and strategic realignment processes. Dissolutions were undertaken to strengthen organisational effectiveness, streamline operations, and support sustainable growth.

- TORG Nigeria Chapter Executives: Created 1 August 2023; dissolved 3 February 2025.
- TORG-Nigeria Workplace Health and Safety Committee: Created 25 September 2024; dissolved 25 September 2025.
- TORG-Nigeria Sterilization and Infection Control Committee: Created 25 September 2024; dissolved 25 September 2025.
- TORG Global Education & Training Committee: Created 24 September 2024; dissolved 25 September 2025.
- TORG Pakistan Chapter Executives: Created 6 August 2023; dissolved 25 September 2025.

- TORG Magazine (TORG MAG): Created 26 August 2024; dissolved 25 September 2025.
- TORG Zambia Chapter Executives: Created 7 October 2024; dissolved 25 September 2025.
- TORG Rwanda Chapter Executives: Created 26 May 2024; dissolved 25 September 2025.
- TORG Executive Council: Created 14 November 2019; dissolved 26 September 2025.

### APPENDIX C: TORG+KFHR 2025 - 2ND ANNUAL SCIENTIFIC CONFERENCE & 10TH ANNIVERSARY PROGRAMME

This appendix provides a detailed overview of the scientific programme and participation at the TORG+KFHR 2025 | 2nd Annual Scientific Conference & 10th Anniversary, held in Kigali, Rwanda, through a hybrid format combining in-person and virtual sessions.

#### Conference Overview

- In-Person Session: Date: 26 August 2025, Professionals Trained: 176
- Virtual Sessions: Dates: 26-28 August 2025, Professionals Trained: 296

(Virtual sessions are counted once per cohort across the three-day programme.)

#### In-Person Scientific Programme

##### Keynote Addresses

- **Dr. Menelas Nkeshimana**  
*Workforce Development as a Catalyst for Global Health Equity: The Impact of Rwanda's 4x4 Strategy.*
- **Amb./Prof./Dr. Adebunola Adenike Owokole**  
*(Founder, President & CEO, The Operating Room Global)*  
*A Decade of Impact: Strengthening Surgical Systems Through Global Collaboration and Innovation - The Role of The Operating Room Global (TORG).*

#### Invited Speaker Session

- **Dr. Daniel David Otobo**  
*Strengthening Health Systems for Better Surgical Outcomes: The Role of Policy and Advocacy.*

#### In-Person Oral Abstract Presentations

- **TORGxKFHR 2025-26080-1**  
*Optimizing Perioperative Anesthesia Management for Patients with Non-Communicable Diseases, Rwanda.*  
**Presenter:** Yves Kwihangana (Student, Department of Anesthesia, College of Medicine and Health Sciences, University of Rwanda)
- **TORGxKFHR 2025-26080-2:** *Surgical Characteristics of Appendectomy in the Eastern Region of the Democratic Republic of Congo: A Cross-Sectional Study.* **Presenters:** Dr. Aymar Akilimali, Dr. Daniel David Otobo, Dr. Jones Onesime, Excellent Rugendabanga
- **TORGxKFHR 2025-26080-3:** *An Obstructive Uropathy Revealing a Hydrometrocolpos in a 5-Month-Old Child: A Case Report.* **Presenter:** Samuel Ghislain Junior Fodop (School of Health and Medical Sciences, Catholic University of Cameroon)
- **TORGxKFHR 2025-26080-4:** *Assessment of Mental Health of Pregnant and Postpartum Women Attending Antenatal and Postnatal Services in Tertiary Health Institutions in Anambra State, Nigeria.* **Presenter:** Ada Esther Ozoemena (College of Nursing Science, Nnamdi Azikiwe University Teaching Hospital, Nnewi, Nigeria)
- **TORGxKFHR 2025-26080-5:** *Emergency Room Foley Catheter Retrieval of an Esophageal Foreign Body in a Low-Resource Setting: A Case Report.* **Presenter:** Dr. Wunde Njineck Ubraine (University of Yaoundé, Cameroon)
- **TORGxKFHR 2025-26080-6:** *Digital-First: Equipping the Next Generation of Health Leaders with Tech-Driven Problem-Solving Skills.* **Presenter:** Gaston Ndagijimana (Medical Student & Founder, MediGo Care Rwanda)

### Virtual Panel Discussions

- **Anesthesiology:** *Advancing Anesthesia Care in LMICs: Innovations and Workforce Development.*
- **Perioperative Nursing:** *Strengthening Perioperative Nursing in Low-Resource Settings: Challenges and Strategies for Growth.*
- **Surgical Technology:** *Innovations in Surgical Technology and Sterile Processing: Enhancing Patient Safety.*
- **Surgery:** *The Journey to Surgical Excellence: Training, Mentorship, and Overcoming Barriers.*

### Virtual Scientific Programme

#### Keynote Addresses

- **Prof. David J. O'Regan,** *A Journey of Mastery through Accessible and Sustainable Learning.*
- **Prof. Adel Abou-Mrad,** *Innovations in Surgery: New Techniques and Technologies.*
- **Prof. Rodolfo J. Oviedo,** *Ethics and Leadership in Global Surgery.*
- **Prof. Dr. Bhavneet Bhalla,** *Smarter Surgeries: The Role of Artificial Intelligence in Robotic Surgery.*

#### Speaker Sessions

- **Muhammad Naveed.** *The Environmental Impact of Sterilization and Sustainability in Sterile Processing.*
- **Dr. Raghav Bansal,** *The Journey of a Future Surgeon: Challenges, Opportunities, and Insights.*

#### Virtual Oral Abstract Presentations

- **TORGxKFHR 2025-28080-1**  
*Exploring Challenges and Lessons Learned from Mass Casualty Management and Response: A Qualitative Phenomenological Research Design. Authors:* Demeke Yilkal Fentie et al. (University of Gondar, Gondar, Ethiopia)
- **TORGxKFHR 2025-27080-2**  
*Prevalence and Sex-Related Differences of the Thebesian Valve in a Black African Population: Autopsy Study in Kenya. Authors:* Kiruka Kimani, Prof. Moses Obimbo, Dr. James Kigera (University of Nairobi, Kenya)
- **TORGxKFHR 2025-27080-4**  
*A Miraculous Journey: Mother's Triumph over Two Episodes of Cardiac Arrest and Successful Peri-Mortem Cesarean Section in a Resource-Limited Setting. Authors:* Unisa Kanu et al. (Koidu Government Hospital, Sierra Leone)

### Appendix Note

This appendix provides a comprehensive academic and programme record of the **TORG+KFHR 2025 Conference**, complementing the high-level participation and impact summary presented in the main body of the Annual Report.



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- **Vancouver:** Owokole AA. Institutional report: The Operating Room Global (TORG) annual report 2025. *The Operating Room Global Journal (TORGJ)*. 2026 Mar 1;2(1). <https://doi.org/10.64573/torgj2602006>
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