

## **Memorandum of Understanding (MOU)**

For: “Saving Critical Mothers in Sindh” – Critical Care Training Program for OBGYN  
Between: Acumen Pharmaceutical (Pvt) Ltd. & Jinnah Postgraduate Medical Centre  
(JPMC) / Jinnah Sindh Medical University (JSMU) & Feminine Healthcare FHC360

### **1. Purpose**

This MOU sets up a collaboration between Acumen Pharmaceutical (Pvt) Ltd. and JPMC/JSMU to design, implement, and scale a Critical Care Course for Obstetricians & Gynaecologists aimed at reducing maternal mortality and morbidity in Sindh, Pakistan.

The program focuses on early recognition and management of obstetric emergencies: postpartum haemorrhage, pre-eclampsia/eclampsia, sepsis, and obstetric ICU care.

### **2. Objectives**

Train 200+ OBGYN residents, medical officers, and consultants in the first 12 months on obstetric critical care protocols.

Standardize evidence-based management of postpartum haemorrhage, hypertensive disorders, and sepsis across public hospitals in Sindh.

Establish a train-the-trainer model to ensure sustainability within JPMC/JSMU.

Create a data registry to track maternal outcomes pre- and post-intervention.

### **3. Roles & Responsibilities**

#### **Acumen Pharmaceutical (Pvt) Ltd.**

- Provide unrestricted educational grant for faculty fees, simulation equipment, printed manuals, and participant materials.
- Support logistics for training workshops in Karachi and upcountry Sindh.
- Facilitate access to international faculty/speakers for 2 workshops/year.
- No involvement in curriculum design, participant selection, or clinical decision-making to maintain academic independence.

#### **JPMC / JSMU, FHC360**

- Academic ownership: Curriculum design, faculty selection, CME accreditation through CPSP/PMC.
- Provide venue, simulation lab, and clinical exposure at JPMC’s OBGYN & ICU units.
- Lead participant recruitment from JPMC, JSMU, and affiliated district hospitals.
- Monitor, evaluate, and publish anonymized outcome data.

### **4. Scope of the Critical Care Course**

Duration: 3-day intensive + 1-day simulation + 3-month mentorship

Content:

Obstetric haemorrhage: B-Lynch, Bakri balloon, massive transfusion protocol

Hypertensive disorders: MAGPIE protocol, ICU management

Sepsis & septic shock in pregnancy

Airway, ventilation, and hemodynamic support for obstetric patients

Communication & team-based crisis resource management

Certification: Joint certificate from JPMC/JSMU, FHC and Acumen Academy. CME credits applied for.

### **5. Term & Termination**

Initial term: 2 years from signing date, renewable by mutual agreement.

Either party may terminate with 60 days written notice. Ongoing training batches will be completed.

### **6. Governance & Compliance**

A Joint Steering Committee with 2 members from each party will meet quarterly.

All activities comply with PMRA guidelines, CPSP CME policies, and WHO ethical standards for industry-academia collaboration.

No brand promotion during academic sessions. All materials use generic drug names.

### **7. Intellectual Property**

Curriculum and training materials co-owned by JPMC/JSMU and Acumen Academy. Free for non-commercial use within Sindh public sector. Commercial use requires written consent.

### **8. Confidentiality & Publicity**

Neither party will use the other's name/logo in external communications without prior written approval. Success stories and data may be published jointly.

Signatures

For Acumen Pharmaceutical (Pvt) Ltd.

Name: Dr Azam Khan

Designation: Chief Executive Officer

Signature & Date: 17 May 2026

For Jinnah Postgraduate Medical Centre / JSMU

Name: Prof. Nighat Shah

Designation: Dean/Executive Director

Signature & Date: 17 May 2026

For Feminine Healthcare FHC360

Name: Prof. Al-Fareed Zafar

Designation: President

Signature & Date: 17 May 2026