

Shevaaliiny Ravi Chandran

MBBS | House Officer, Ministry of Health Malaysia | USMLE Step 1 Passed
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PROFESSIONAL SUMMARY

MBBS-trained physician and current House Officer in Malaysia's Ministry of Health, with supervised inpatient care responsibilities in a tertiary training hospital across Obstetrics & Gynaecology, Orthopaedic Surgery, and Paediatrics. Passed USMLE Step 1 in June 2025. Experienced in admission clerking, acute inpatient management, bedside procedures, case presentation on consultant rounds, overnight cross-cover, multidisciplinary teamwork, and patient/family counseling. Seeking an Internal Medicine observership to gain structured exposure to U.S. hospital medicine, interdisciplinary workflows, and academic teaching environments.

EDUCATION & CREDENTIALS

USMLE Step 1

Passed | June 3, 2025

USMLE Step 2 CK

In preparation

Bachelor of Medicine, Bachelor of Surgery (MBBS) | *International Medical University (IMU), Kuala Lumpur, Malaysia*

Certifications: Advanced Cardiovascular Life Support (ACLS), Advanced Life Support (ALS), Neonatal Resuscitation Program (NRP), Fundamentals in Medical Ethics

POSTGRADUATE CLINICAL TRAINING

House Officer | *Ministry of Health Malaysia*

Jan 2025 - Present

Supervised postgraduate housemanship within Malaysia's structured Ministry of Health training pathway, with direct responsibility for admission clerking, history-taking and physical examination, daily inpatient care, procedure assistance/performance under supervision, overnight call, handover, documentation, discharge coordination, case presentation on consultant-led rounds, and participation in CME and workplace-based assessments.

- Performed comprehensive histories and physical examinations; developed problem lists, differential diagnoses, and initial management plans for specialist review.
- Coordinated day-to-day ward care, including follow-up of investigations, inpatient documentation, referrals, family updates, discharge summaries, and escalation of clinical deterioration.
- Worked closely with nursing, pharmacy, physiotherapy, occupational therapy, and social work teams to support safe, team-based inpatient care and discharge planning.
- Covered overnight on-call shifts managing new admissions, urgent ward issues, emergency consultations, and time-sensitive procedures with graded autonomy and escalation to registrars/consultants.

Obstetrics & Gynaecology

4 months

- Managed antenatal, intrapartum, postnatal, and acute gynaecology admissions in a high-volume labour ward; performed initial assessments, obstetric histories, abdominal examinations, and pelvic examinations under supervision.
- Conducted normal vaginal deliveries, episiotomy and perineal repair, active management of the third stage of labour, placental delivery/examination, and partogram documentation.
- Applied and interpreted cardiotocography (CTG); identified non-reassuring fetal heart rate patterns and escalated promptly to senior clinicians.
- Triaged obstetric emergencies including antepartum/postpartum haemorrhage, pre-eclampsia/eclampsia, cord prolapse, and PROM/PPROM; initiated stabilization with IV access, magnesium sulfate preparation/administration, bloodwork, and cross-match.
- Prepared patients for elective and emergency lower-segment caesarean section and assisted with operative vaginal deliveries and manual removal of placenta.

Orthopaedic Surgery

4 months

- Evaluated acute musculoskeletal trauma in the Emergency and Trauma Department using primary and secondary survey principles; assessed open fractures, dislocations, crush injuries, compartment syndrome, and polytrauma.
- Performed focused orthopaedic examinations with neurovascular assessment, distal perfusion checks, and documentation of wound status, motor/sensory findings, and range of motion.
- Applied plaster of Paris full casts, back slabs, and volar slabs; assisted in closed manual fracture reduction and post-reduction radiographic assessment.
- Scrubbed in and assisted with operative procedures including ORIF, K-wire fixation, plating, intramedullary nailing, wound debridement, fasciotomy, and skin grafting.
- Managed postoperative patients through analgesia review, wound and drain assessment, DVT prophylaxis, neurovascular monitoring, diabetic foot care, and early mobilization planning.

Paediatrics

Current rotation

- Managing paediatric and neonatal inpatients with bronchiolitis, pneumonia, acute gastroenteritis with dehydration, febrile seizures, neonatal jaundice, neonatal sepsis evaluations, and failure to thrive.
- Performing paediatric bedside procedures including peripheral IV cannulation, venepuncture, blood sampling, blood culture collection, nasogastric tube insertion, and assisting with lumbar puncture.
- Calculating and verifying weight-based medication dosing and IV fluid regimens for paediatric and neonatal patients.
- Monitoring infants in the special care nursery, including phototherapy, bilirubin trends, feeding assessments, gavage feeding, and strict fluid balance.
- Presenting cases on consultant-led ward rounds with structured problem lists, differential diagnoses, and evidence-based management plans; counseling parents on diagnosis, medications, feeding, and discharge care.

UNDERGRADUATE CLINICAL EXPERIENCE

Clinical Rotations | *Multiple Tertiary Hospitals, Malaysia* **2022 - 2024**

Completed structured clinical rotations across Internal Medicine, General Surgery, Emergency Medicine, Orthopaedics, Obstetrics & Gynaecology, Paediatrics, Psychiatry, Anaesthesiology, ENT, Ophthalmology, and Radiology, with direct patient contact, bedside teaching, case presentations, and formal end-of-posting assessments.

Clinical Elective - Orthopaedics & Emergency Medicine | *Hospital Penang, Malaysia* **2023**

- Assessed and triaged trauma patients in a high-volume tertiary referral emergency department.
- Observed fracture management, polytrauma resuscitation, emergency operative decision-making, and orthopaedic trauma workflows.

Primary Care Attachment | *Klinik Amin & Poliklinik Hari, Malaysia* **2022 - 2023**

- Conducted focused outpatient histories, triage, and physical examinations under supervision.
- Assisted in chronic disease follow-up for diabetes mellitus, hypertension, and dyslipidaemia, including patient education and continuity of care.
- Administered intramuscular injections and performed wound care in a primary care setting.

RESEARCH & PUBLICATIONS

Co-Author, Medical Basics for Sign Language Interpreters **Published 2024**

- Co-developed a published reference resource translating medical terminology and clinical concepts for sign language interpreters serving deaf and hard-of-hearing patients in healthcare settings.

Cross-Sectional Study: Patient Preference of Doctors' Attire | *Principal Investigator, IMU* **2023**

- Designed the study protocol, prepared the ethics application, recruited participants, collected data, and performed statistical analysis using SPSS.
- Presented findings examining the relationship between physician appearance, patient trust, and satisfaction.

Seremban Diabetes (SeDia) Research Program | *Participant Coordinator* **2023**

- Coordinated recruitment, scheduling, and data collection for a community-based diabetes epidemiology study involving 200+ participants.
- Conducted structured medical interviews and maintained protocol compliance and data integrity.

LEADERSHIP, SERVICE & SKILLS

Alumni Coach | *IMU Alumni Coaching Programme* **2025**

- Mentored medical students and junior house officers on clinical preparedness, career planning, and USMLE preparation; delivered coaching sessions and workshops.

Volunteer Service: Mathematics Teacher, Rohingya Community School; English Teacher, Refugee Education Program; Health Screening Volunteer (blood pressure, blood glucose, BMI); Dengue Awareness Campaign volunteer; Volunteer, IMU Humanitarian Conference.

Clinical Skills: admission clerking, comprehensive history and physical examination, case presentation, inpatient documentation, handover, venepuncture, peripheral IV cannulation, blood culture collection, ECG acquisition/interpretation, arterial blood gas sampling, urinary catheterization, nasogastric tube insertion, wound suturing, incision and drainage, casting and splinting (POP/back slab/volar slab), CTG interpretation, normal vaginal delivery, episiotomy repair, placental examination, ankle nerve blocks, paediatric/neonatal dosing and fluid calculations.

Research Skills: study design, ethics applications, SPSS statistical analysis, data collection, structured medical interviews.

Languages: English (fluent; language of medical education, clinical documentation, and case presentation), Malay (fluent), Tamil (conversational).

Interests: Archery (Selangor state representative), Yoga, Reading.