



## Professional Diploma in Patient Safety and Risk Management in Healthcare.

### Curriculum structure and contents:

lectures (instructor-led training) /E-learning/ simulation training / case studies / hands on workshop/ role play/field visits and practical

c- Program structure: 8 modules for hospital accreditation standards

<b>Content</b>		<b>360 lecture hour</b>
<b>Module 1</b>		
Organizational Leadership	10 days  Each day represent. 6 CMEs	Day 1: Introduction to quality management Day 2: Organizational leadership Day 3: Organization structure & design Day 4: Strategic planning Day 5: Performance improvement Day 6: Quality improvement Day 7: Patient safety & risk management Day 8: Utilization & resource management Day 9: Participative management & its skills Day 10: Community assessment & involvement
<b>Module 2</b>		
Workforce Management	4 days	Day1: Important legal aspects, Staffing Plan  Day2: recruitment, the relationship between job analysis and job description, develop job description



		<p>including job specifications and job roles and responsibilities, job evaluation and performance evaluation, medical staff structure and committee, medical staff bylaws.</p> <p>Day3: staff file contents, orientation program, training program</p> <p>Day4: clinical privileges, staff credentials, performance appraisal, medical staff evaluation, peer review</p>
<b>Module 3</b>		
Patient Centered Care	10 days	<p>Day 1: Patient centered care (PCC) accreditation standards</p> <p>Day 2: Access, continuity and transition of care (ACT) accreditation standards part1</p> <p>Day 3: Access, continuity and transition of care (ACT) accreditation standards part 2</p> <p>Day 4: Diagnostic and ancillary services DAS (Laboratory) accreditation standards</p> <p>Day 5: Diagnostic and ancillary services DAS(Radiology) accreditation standards</p> <p>Day 6: Surgery, anesthesia and Sedation (SAS)accreditation standards</p> <p>Day 7: Medication Management and Safety (MMS)accreditation standards</p> <p>Day 8: Integrated care delivery (ICD)accreditation standards, part 1</p> <p>Day 9: Integrated care delivery (ICD)accreditation standards, part 2</p> <p>Day 10: Critical and special care services (CSS) accreditation standards</p>



Module 4		
Quality and Performance Improvement & Information Management and Technology	9 days	<p>Day 1:</p> <ul style="list-style-type: none"> <li>• introduction to quality and performance improvement</li> <li>• Organizations committees</li> </ul> <p>Day 2:</p> <ul style="list-style-type: none"> <li>• Quality Planning</li> </ul> <p>Day 3:</p> <ul style="list-style-type: none"> <li>• How to Write Policies &amp; Procedures</li> <li>• Measurement in Quality and information management</li> </ul> <p>Day 4:</p> <ul style="list-style-type: none"> <li>• Introduction to Statistics &amp; Data Presentation</li> <li>• Data Management</li> </ul> <p>Day 5:</p> <ul style="list-style-type: none"> <li>• Data Presentation</li> <li>• Data Validation</li> </ul> <p>Day 6:</p> <ul style="list-style-type: none"> <li>• Quality Review &amp; Hospital Information System(HIS)</li> </ul> <p>Day 7:</p> <ul style="list-style-type: none"> <li>• Quality Tools</li> </ul> <p>Day 8:</p> <ul style="list-style-type: none"> <li>• Risk Management</li> <li>• Failure Mode And Effect Analysis (FMEA)&amp;Focus PDCA</li> </ul> <p>Day 9:</p> <ul style="list-style-type: none"> <li>• 6 sigma-Lean Management</li> </ul>



<p>Module 5 Patient Safety</p>	<p>5 days</p>	<p>Day 1:</p> <ul style="list-style-type: none"> <li>• Introduction to patient safety</li> <li>• Human factors and patient safety</li> </ul> <p>Day 2:</p> <ul style="list-style-type: none"> <li>• Safe Health Design</li> <li>• Safe Adoption of Technology in Healthcare</li> </ul> <p>Day 3:</p> <ul style="list-style-type: none"> <li>• Clinical Safety</li> <li>• Achieving patient safety in Special Care Areas</li> </ul> <p>Day 4:</p> <ul style="list-style-type: none"> <li>• Incidence Reporting Systems</li> <li>• Safety culture</li> </ul> <p>Day 5:</p> <ul style="list-style-type: none"> <li>• High Reliability Organizations (HROs)</li> <li>• Leadership role in achieving patient safety</li> </ul>
<p>Module 6</p>		
<p>Infection Prevention &amp; Control (IPC)</p>	<p>6 days</p>	<p>Day 1:</p> <ul style="list-style-type: none"> <li>• Introduction to IPC, IPC program.</li> <li>• Chain of infection, Standard precautions.</li> <li>• Hand hygiene, PPEs and respiratory hygiene.</li> </ul> <p>Day 2:</p> <ul style="list-style-type: none"> <li>• Environmental cleaning.</li> <li>• Aseptic technique.</li> <li>• Transmission-based precaution and protective isolation/precautions for immunocompromised patients.</li> </ul> <p>Day 3:</p> <ul style="list-style-type: none"> <li>• Surveillance of HAIs, outbreak investigation.</li> <li>• Controlling Multi-drug resistant organisms.</li> </ul> <p>Day 4:</p> <ul style="list-style-type: none"> <li>• Injection safety.</li> <li>• Occupational safety program.</li> <li>• Disinfection/Sterilization process.</li> </ul>

		<p>Day 5:</p> <ul style="list-style-type: none"> <li>• Safe management for healthcare textile, construction and/or renovation assessment.</li> <li>• Food and water services.</li> <li>• Postmortem safe care.</li> </ul> <p>Day 6:</p> <ul style="list-style-type: none"> <li>• Infection prevention and control in special health care units (IPC in intensive care unit, operation room, Neonatal intensive care unit, Burn unit, transplantation, dialysis and endoscopy units).</li> </ul>
<p><b>Module 7</b> Environmental and Facility Safety</p>	3 days	<p>Day 1: EFS overview and occupational health Fire and evacuation plan,</p> <p>Day 2: safety &amp; security plans medical waste and hazardous materials' plans</p> <p>Day 3: medical equipment, utility systems &amp;HAZMAT disaster preparedness and readiness</p>
<p><b>Module 8</b> Healthcare Accreditation</p>	6 days	<p>Day1: Introduction to Healthcare Accreditation</p> <p>Day2: Tracer Methodology and Pathway to Accreditation</p> <p>Day3: How to conduct Your Own Mock tracer</p> <p>Day4: Hospital Registration and Accreditation Journey</p> <p>Day5: Academic and teaching hospitals (ATH) accreditation standards</p> <p>Day6: Survey Activities and Readiness</p>
<p><b>Total practicing hours for all modules ( 10 hours for each module)</b></p>	80 hours	<p>Workshops Establish policies and check list</p>

Complementary course	96 hours	
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**Professional Diploma in  
Patient Safety and Risk Management in Healthcare  
Year 2 Curriculum**

Semester	Module	Intended learning objectives	Credit hours	Total credit hours in the second year
Third semester	1 Essentials of patient safety	<ul style="list-style-type: none"> <li>• Patient safety history</li> <li>• Understand the concepts of patient safety</li> <li>• Patient safety culture</li> <li>• Comprehending human factors engineering</li> <li>• Understanding systems and the impact of complexity on patient care</li> <li>• How to learn from errors</li> </ul>	30	120
	2 Patient safety planning and leadership	<ul style="list-style-type: none"> <li>• Leadership walkarounds</li> <li>• Understanding patient rights</li> <li>• Understanding medical accountability and medical accountability law</li> <li>• WHO global patient safety action plan 2021-2030</li> <li>• National health strategy</li> <li>• Being an effective team player change name to: Team work and communication</li> </ul>	20	
Fourth semester	3 Risk management and incidents reporting	<ul style="list-style-type: none"> <li>• Basics of clinical governance</li> <li>• How to manage clinical risk</li> <li>• How to minimize antimicrobial resistance</li> <li>• Reducing risks associated with chemotherapy/radiotherapy</li> <li>• Improving medication safety change name to special patient safety topics</li> <li>• Mastering OVR electronic system change name to reporting incidents and analysis</li> </ul>	20	
	4 Performance improvement and patient safety.	<ul style="list-style-type: none"> <li>• Improvement science</li> <li>• Engaging with patients and care givers</li> <li>• Improving people experience</li> <li>• Managing medical records</li> <li>• Roles of patient safety officer</li> </ul>	20	

			<ul style="list-style-type: none"> <li>• <b>Essentials of clinical research</b></li> <li>• <b>Role of technology Use of AI linguistic models to improve patient safety</b></li> </ul>		
<b>Fifth semester</b>	<b>5</b>	<b>Practical assignments and graduation project</b>	<ul style="list-style-type: none"> <li>• <b>The student will be assigned to attend practical rounds in MOH hospitals and PHCCs that are preparing for GAHAR accreditation, all rounds will be under the supervision of a team of specialized mentors</b></li> <li>• <b>At the end of the academic year the student should submit a clinical research related to any of the studied modules/practical improvement projects</b></li> </ul>	<b>30</b>	
<b>Six semester</b>		<b>practicing</b>	<b>Workshops</b> <ul style="list-style-type: none"> <li>•</li> </ul>	<b>160</b>	
<b>Total hours</b>		<b>280 hours</b>			