

Implementation of authentic assessment of internationally comparable learning outcomes in degree programmes

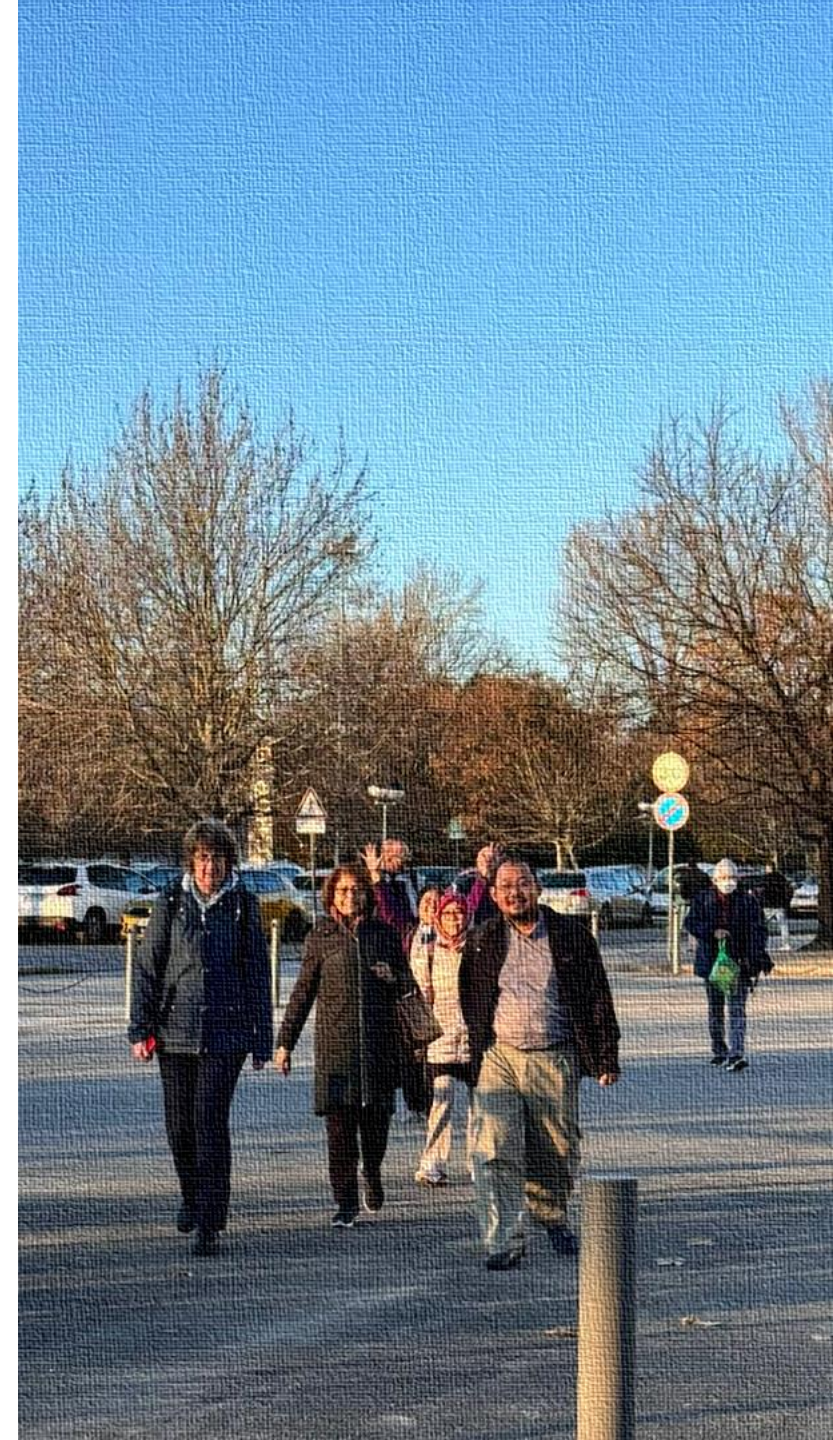
CALOHEA SUBJECT AREA GROUP (SAG) MEDICINE

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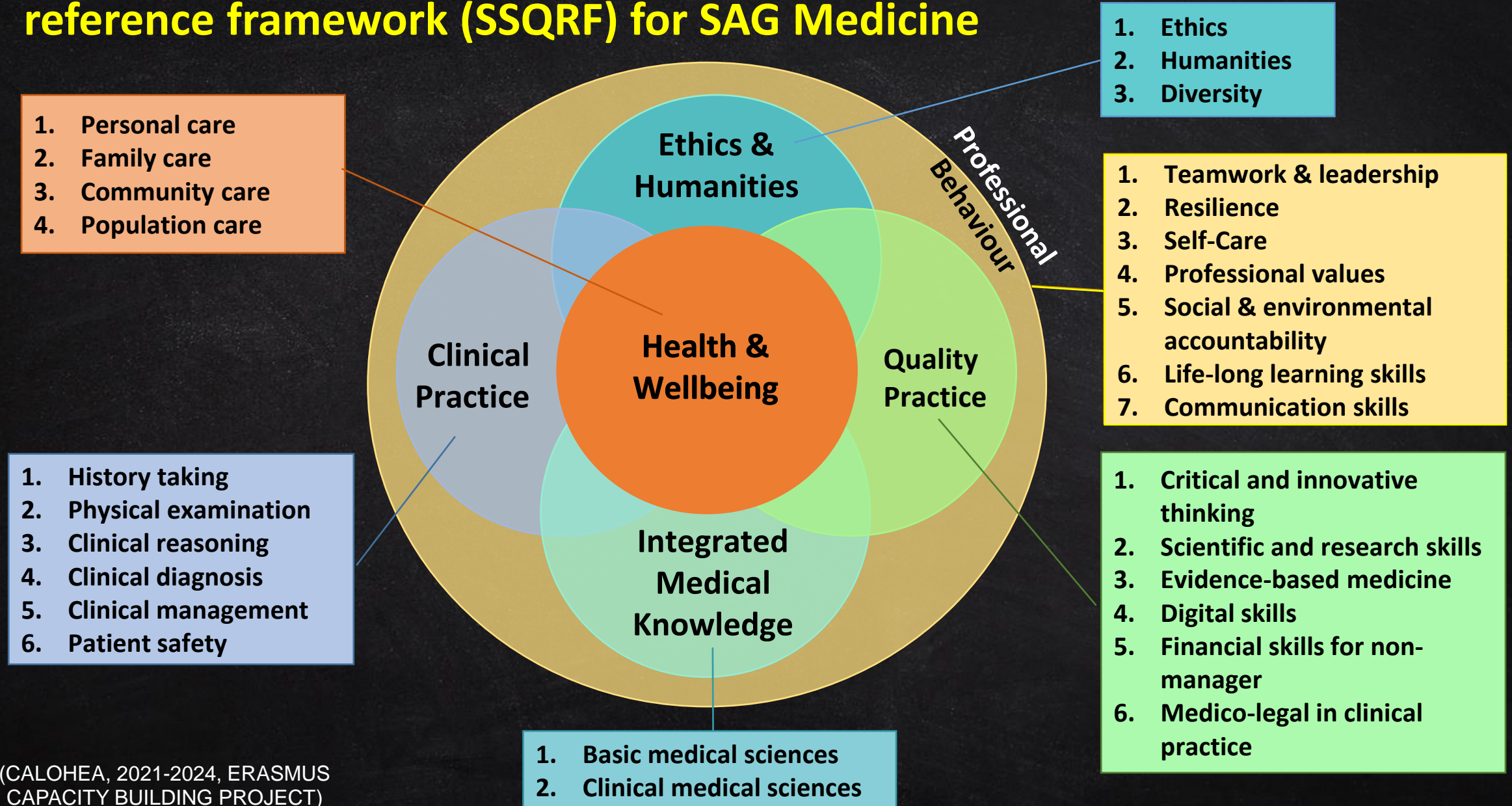


This report consists of

(2) The
incorporation of
good practices in
assessment into
the SSQRF



The region-wide subject-specific qualifications reference framework (SSQRF) for SAG Medicine



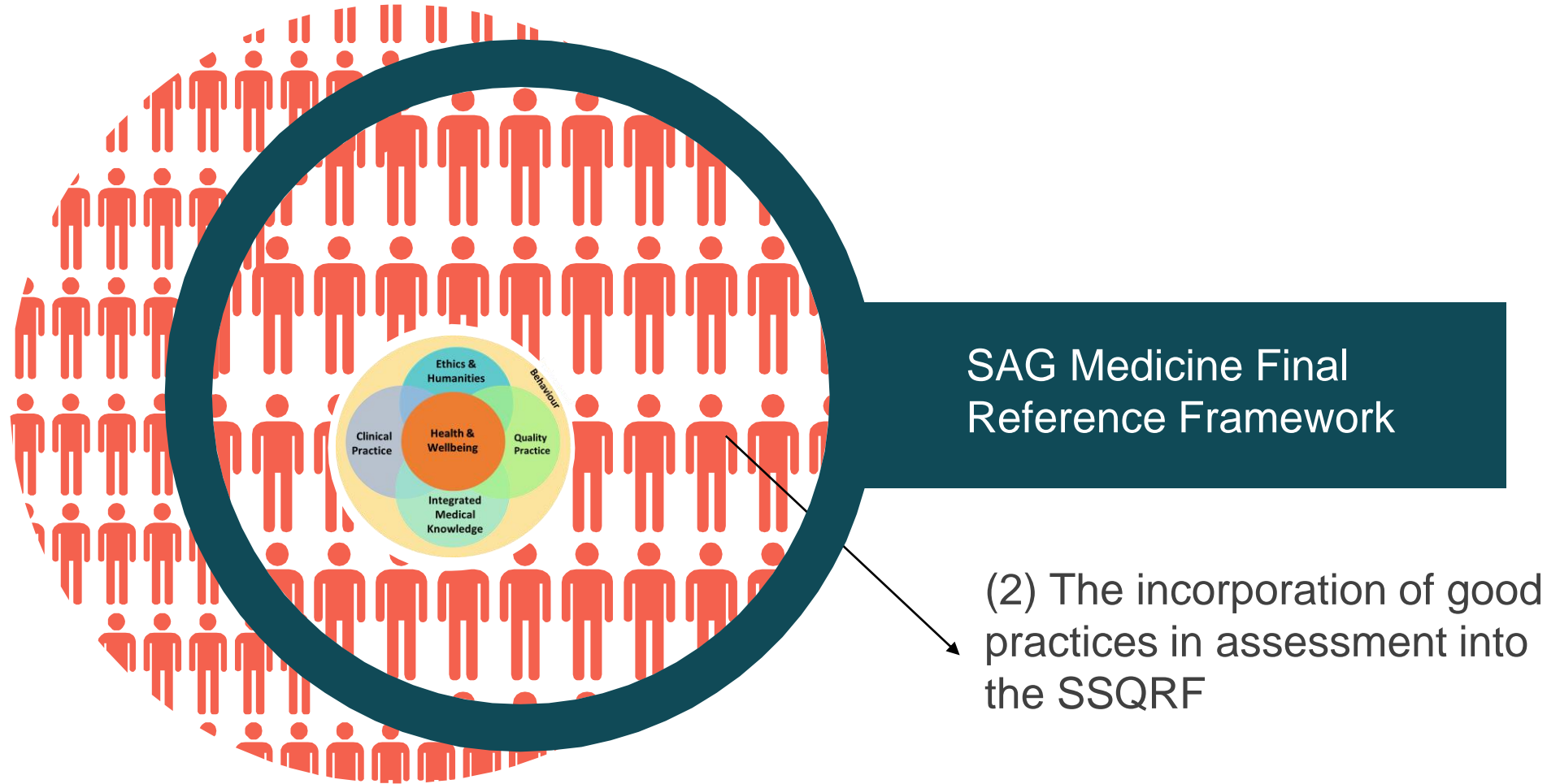
MEDICAL COMPETENCY REFERENCE FRAMEWORK

To ensure the readiness of medical graduates to assume the responsibilities of a junior doctor, a comprehensive competency framework has been developed. This framework delineates the essential knowledge, skills, and responsibilities that medical graduates must acquire to meet the demands of their roles effectively.

- **Knowledge Acquisition:** Medical graduates are expected to acquire a deep understanding of various domains essential for junior doctor responsibilities.
- **Skills Attainment:** Medical graduates must acquire the following skills to perform their expected responsibilities competently.
- **Responsibility Expectations:** As individuals and professionals, medical graduates are expected to uphold the highest standards of patient care.

The detail of description for each domain and subdomain of the competency framework was provided in the previous document (SAG Final – SSQRF with explanatory text).







Good Practices of Authentic Assessment

Assessing the readiness of medical graduates to fulfill their expected responsibilities as junior doctors requires a comprehensive assessment across multiple dimensions: knowledge, skills, and responsibility. This assessment encompasses various aspects of healthcare delivery, ethical conduct, clinical proficiency, and professional behavior, ensuring that junior doctors are well-prepared to provide high-quality patient care.

By assessing candidates across these dimensions, educators ensure that medical graduates are well-rounded and equipped to meet the challenges of junior doctor roles. This comprehensive assessment approach prepares junior doctors to provide patient-centered care, uphold ethical standards, apply evidence-based practices, and contribute to continuous quality improvement in healthcare delivery. Ultimately, this ensures the provision of safe, effective, and compassionate care to patients and communities.

Authentic Assessment for Knowledge

Candidates are evaluated on their understanding of health and wellbeing, ethics and humanities, basic and clinical medical sciences, clinical practices, quality practices, and professional behaviors through scenario-based essays, long cases, CFCS, SDLP, and community projects. These assessments gauge candidates' theoretical knowledge and conceptual understanding of key healthcare domains, preparing them to apply this knowledge in clinical settings.



Authentic Assessment for Skills

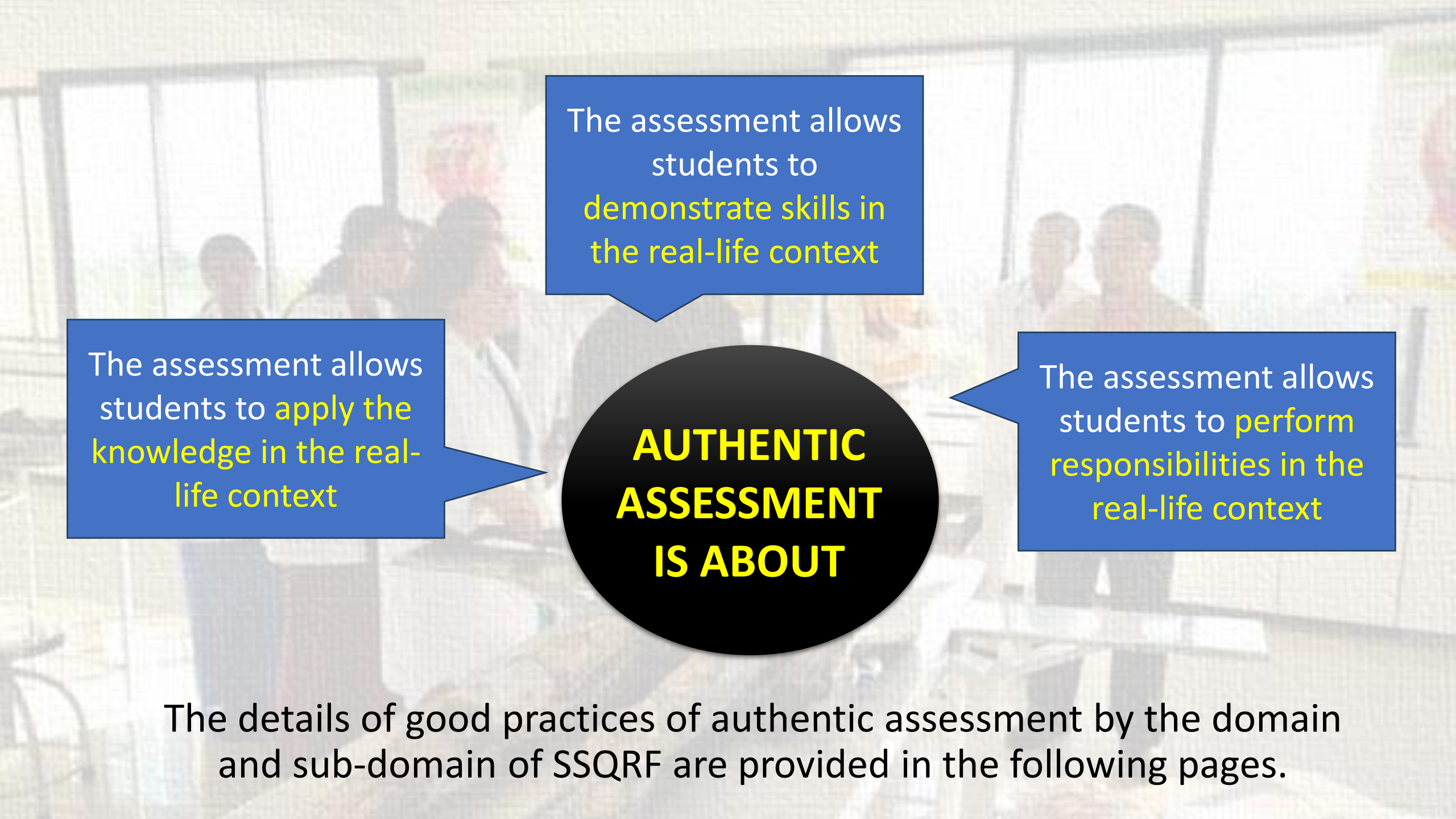
The skills dimension focuses on candidates' ability to apply their knowledge effectively in practical situations. Assessments include long cases, short cases, mini-CEX evaluations, SHOTS, PRINT, CFCS, SDLP, and community projects. Through these assessments, candidates demonstrate their proficiency in applying health and wellbeing principles, ethical considerations, medical knowledge, clinical skills, quality practices, and professional behaviors in real-world scenarios.





Authentic Assessment for Responsibility

Candidates are evaluated on their ability to assume the responsibilities of a junior doctor with a focus on holistic care, ethics and humanities, sound medical sciences, clinical practices, quality practices, and professional behaviors. This assessment is conducted through SHOTS, PRINT, CFCS, SDLP observations, and community projects. Candidates demonstrate their commitment to patient wellbeing, ethical conduct, evidence-based practice, quality improvement, and professionalism in clinical and community settings.



The assessment allows students to **demonstrate skills in the real-life context**

The assessment allows students to **apply the knowledge in the real-life context**

**AUTHENTIC
ASSESSMENT
IS ABOUT**

The assessment allows students to **perform responsibilities in the real-life context**

The details of good practices of authentic assessment by the domain and sub-domain of SSQRF are provided in the following pages.

DOMAIN (SUBDOMAIN)	Knowledge that a medical graduate needs to acquire for them to perform the expected skills	Skills that a medical graduate must attain to perform the expected responsibilities	Ultimate expectation of a medical graduate as an individual and as a professional
	KNOWLEDGE	SKILLS	RESPONSIBILITY
HEALTH & WELLBEING	Demonstrate the understanding of health & wellbeing for a medical graduate to perform expected responsibilities as a junior doctor	Apply the health & wellbeing knowledge with appropriate skills, when performing expected responsibilities as a junior doctor	Perform expected responsibilities as a junior doctor with holistic care of health & wellbeing
1. PERSONAL CARE	Scenario based-essay Long Case SHOTS, PRINT, CFCS, SDLP, Community Project	Long Case, Short Case, Mini-CEX SHOTS, PRINT, CFCS, SDLP, Community Project	SHOTS, PRINT, CFCS, SDLP, Community Project
2. FAMILY CARE	Scenario based-essay CFCS, Community Project	Long Case CFCS, Community Project	CFCS, Community Project
3. COMMUNITY CARE	Scenario based-essay CFCS, Community Project	CFCS, Community Project	CFCS, Community Project
4. POPULATION CARE	Scenario based-essay	CFCS, Community Project	CFCS, Community Project

DOMAIN (SUBDOMAIN)	Knowledge that a medical graduate needs to acquire for them to perform the expected skills	Skills that a medical graduate must attain to perform the expected responsibilities	Ultimate expectation of a medical graduate as an individual and as a professional
	KNOWLEDGE	SKILLS	RESPONSIBILITY
ETHICS & HUMANITIES	Demonstrate the understanding of ethics & humanities for a medical graduate to perform expected responsibilities as a junior doctor	Demonstrate ethics and humanities with appropriate skills, when performing expected responsibilities as a junior doctor	Perform expected responsibilities as a junior doctor with the highest standard of ethics & humanities
1. ETHICS	OBA/SBA, Scenario-based essay SOE Health Social Science project,	OSCE, Long Case PBL assessment 360 assessment, CFCS, Community project Health Social Science project,	360 assessment, CFCS, Community project, Health Social Science project,
2. HUMANITIES	OBA/SBA, Scenario-based essay Health Social Science project,	Reflective writing, community project, Health Social Science project,	Community project, Health Social Science project,
3. DIVERSITY	OBA/SBA, Scenario-based essay Health Social Science project	Community project, Health Social Science project, Mini-CEX	Community project, Health Social Science project

DOMAIN (SUBDOMAIN)	Knowledge that a medical graduate needs to acquire for them to perform the expected skills	Skills that a medical graduate must attain to perform the expected responsibilities	Ultimate expectation of a medical graduate as an individual and as a professional
	KNOWLEDGE	SKILLS	RESPONSIBILITY
INTERGRATED MEDICAL KNOWLEGDE	Demonstrate the understanding of basic & clinical medical sciences for a medical graduate to perform expected responsibilities as a junior doctor	Apply the medical knowledge with appropriate skills, when performing expected responsibilities as a junior doctor	Perform expected responsibilities as a junior doctor with sound basic & clinical medical sciences.
1. BASIC MEDICAL SCIENCES	OBA/SBA, Scenario-based essay Case report	OSPE, OSCE, Long Case, Short Case Case report	PBL assessment, case-based discussion, SHOTS, Case report, PRINT,
2. CLINICAL MEDICAL SCIENCES	OBA/SBA, Scenario-based essay Case report	OSPE, OSCE, LC, SC Case report	PBL assessment, case-based discussion, SHOTS, Case report, PRINT,

DOMAIN (SUBDOMAIN)	Knowledge that a medical graduate needs to acquire for them to perform the expected skills	Skills that a medical graduate must attain to perform the expected responsibilities	Ultimate expectation of a medical graduate as an individual and as a professional
	KNOWLEDGE	SKILLS	RESPONSIBILITY
CLINICAL PRACTICE	Demonstrate the understanding of clinical practices for a medical graduate to perform expected responsibilities as a junior doctor	Demonstrate appropriate clinical skills, when performing expected responsibilities as a junior doctor	Perform expected responsibilities as a junior doctor with the highest standard of clinical practices
1. HISTORY TAKING	OBA/SBA, Scenario-based essay, Case report, case-based discussion	LC, SC, OSCE, Mini-CEX, SHOTS, PRINT, Clinical viva	SHOTS, PRINT, 360 assessment, Clinical viva
2. PHYSICAL EXAMINATION	OBA/SBA, Scenario-based essay, Case report, case-based discussion	LC, SC, OSCE, Mini-CEX, DOPS SHOTS, PRINT, Clinical viva	SHOTS, PRINT, 360 assessment, Clinical viva
3. CLINICAL REASONING	OBA/SBA, Scenario-based essay, structured oral case analysis (SOCA), Case report, case-based discussion	LC, SC, OSCE, Mini-CEX SHOTS, PRINT, Clinical viva	SHOTS, PRINT, 360 assessment, Clinical viva
4. CLINICAL DIAGNOSIS	OBA/SBA, Scenario-based essay, Case report, case-based discussion	LC, SC, OSCE, Mini-CEX SHOTS, PRINT, Clinical viva	SHOTS, PRINT, 360 assessment, Clinical viva
5. CLINICAL MANAGEMENT	OBA/SBA, Scenario-based essay, Case report, case-based discussion	LC, SC, OSCE, Mini-CEX, DOPS SHOTS, PRINT, Clinical viva	SHOTS, PRINT, 360 assessment, Clinical viva
6. PATIENT SAFETY	OBA/SBA, Scenario-based essay, Case report, case-based discussion	LC, SC, OSCE, Mini-CEX SHOTS, PRINT	SHOTS, PRINT, 360 assessment

DOMAIN (SUBDOMAIN)	Knowledge that a medical graduate needs to acquire for them to perform the expected skills	Skills that a medical graduate must attain to perform the expected responsibilities	Ultimate expectation of a medical graduate as an individual and as a professional
	KNOWLEDGE	SKILLS	RESPONSIBILITY
QUALITY PRACTICE	Demonstrate the understanding of quality practices for a medical graduate to perform expected responsibilities as a junior doctor	Demonstrate the quality practice with appropriate skills, when performing expected responsibilities as a junior doctor	Perform expected responsibilities as a junior doctor with the best quality practices
1. CRITICAL & INNOVATIVE THINKING	Research project, CFCS, Scholar research project	Research project, CFCS, Scholar research project	Research project, CFCS, Scholar research project
2. SCIENTIFIC & RESEARCH SKILLS	Research project, CFCS, Scholar research project	Research project, CFCS, Scholar research project	Research project, CFCS, Scholar research project
3. EVIDENCE-BASED MEDICINE	Research project, CFCS, Evidence-based case report (EBCR), Scholar research project	Research project, CFCS, Evidence-based case report (EBCR), Scholar research project	Research project, CFCS, Scholar research project
4. DIGITAL SKILLS	Research project, CFCS, Scholar research project	Research project, CFCS, Scholar research project	Research project, CFCS, Scholar research project
5. FINANCIAL SKILLS FOR NON-MANAGER	OBA/SBA, Scholar research project	CFCS, Scholar research project	Scholar research project
6. MEDICO-LEGAL IN CLINICAL PRACTICE	OBA/SBA, scenario-based essay	OSCE, case-based discussion	-

DOMAIN (SUBDOMAIN)	Knowledge that a medical graduate needs to acquire for them to perform the expected skills	Skills that a medical graduate must attain to perform the expected responsibilities	Ultimate expectation of a medical graduate as an individual and as a professional
	KNOWLEDGE	SKILLS	RESPONSIBILITY
PROFESSIONAL BEHAVIOUR	Demonstrate the understanding of professional behaviors for a medical graduate to perform expected responsibilities as a junior doctor	Demonstrate appropriate professional behaviors with appropriate skills when performing expected responsibilities as a junior doctor	Perform expected responsibilities as a junior doctor with the highest standard of professional behaviors
1. TEAMWORK & LEADERSHIP	Scenario-based essay Health Social Science project,	PBL assessment, T-MEX 360 assessment, CFCS, Community project Health Social Science project, Scholar research project	360 assessment, CFCS, Community project, Health Social Science project, Scholar research project
2. RESILIENCE	-	Reflective writing, community project, Health Social Science project	Community project, Health Social Science project,
3. SELF-CARE	-	Reflective writing, Community project, Health Social Science project	Community project, Health Social Science project
4. PROFESSIONAL VALUES	OBA/SBA, Scenario-based essay	OSCE, LC, SC PBL assessment 360 assessment, CFCS, Community project, STEPS, P-MEX, Scholar research project	360 assessment, CFCS, Community project, STEPS, P-MEX, Scholar research project
5. SOCIAL & ENVIRONMENTAL ACCOUNTABILITY	OBA/SBA, Scenario-based essay Health Social Science project,	CFCS, Community project, Health Social Science project	CFCS, Community project, Health Social Science project
6. LIFE-LONG LEARNING SKILLS	-	PBL assessment, Scholar research project	Scholar research project
7. COMMUNICATION SKILLS	OBA/SBA, Scenario-based essay	OSCE, LC PBL assessment 360 assessment, CFCS, Community project Health Social Science project, Scholar research project	SHOTS, PRINT, 360 assessment, CFCS, Community project, Health Social Science project, Scholar research project

INSIGHTS

- The implementation of authentic assessment of internationally comparable learning outcomes in medical education programs is vital for ensuring that medical graduates are fully prepared to take on the real-world challenges of their roles as junior doctors.
- With a comprehensive competency framework in place, outlining the essential knowledge, skills, and responsibilities, authentic assessment provides a means to evaluate students' readiness effectively.
- By aligning assessment practices with the demands of the profession and holding graduates to the highest standards, we can foster a healthcare workforce that consistently delivers the highest level of patient care and upholds the integrity of the medical profession on a global scale.

