

### CONFIDENTIAL

# Accreditation Programme for Nursing and Midwifery Educational Institutions

# SELF-ASSESSMENT TOOL AND REVIEW TEAM REPORT (MIDWIFERY)

March 2019

Bangladesh Nursing and Midwifery Council



# Midwifery Educational Institution: Self-Assessment and Review Team Report Template

1)	The Midwifery Educational Institution  NMEI provides a self-assessment for each of the criteria of the accreditation standards in the space indicated in the document.
	Name of Midwifery Educational Institution
	Address of Midwifery Educational Instititution
	Date of submission of report to Bangladesh Nursing and Midwifery Council
2)	The Review Team  During the site visit, the review team members validate the self-assessment for each of the criteria. They use this document to comment on their observations and to indicate whether they consider the criteria is met, partially met, or unmet in the space provided.
	Names of the Reviewers
	Date of Site Visit

# STANDARD I: ADMINISTRATION AND LEADERSHIP (10 Criteria, Total marks 20)

The governance of the Midwifery Educational Institution supports good quality education.

#### Criteria

- 1.1 The Head (Principal/Nursing Instructor-in-Charge) of the Midwifery Educational Institution
- a. \* is a registered nurse, a registered midwife, or registered nurse-midwife with a Bachelor Degree/Master's in Nursing/ Public Health/ Community Health/ Midwifery/MPH/Women's Health/SRHR/ Reproductive Health with minimum 2 years of service experience in administration.
- b. has minimum 5 years experience as an educator.

Midwifery Educational Institution	Review Team		
Midwifery Educational Institution Report	Review Team Report Met	Partially Met	Unmet
a. Yes O Partial O No O			
b. Yes ( Partial ( No (			
During the site visit the reviewers will verify the personal data sheet (PDS) of the Principal/Nursing Educator-in-Charge.			

Edu aut	Head of the Midwifery cational Institution has onomy in decision making hin his/her jurisdiction:			
	Administration of the concerned educational institution	a. Yes O Partial No O  Provide a brief overview of the reporting and governance structure.		
	Students (related to academic progression, discipline, etc.)	b. Yes Partial No Provide 1 or 2 examples to show decision-making autonomy or lack thereof related to the administration of the students.		
	Educators (e.g., hiring, performance appraisal, teaching assignments, promotions)	c. Yes Partial No Provide 1 or 2 examples to show decision making autonomy		
	Support staff (e.g., hiring, performance appraisal, job description)	and/or lack of autonomy related to the educators.  d. Yes Partial No Provide examples to show decision making autonomy or lack thereof related to the support staff.		
	* Implementation of the curriculum and competencies approved by the BNMC and MoHFW and University	e. Yes O Partial O No O If yes or in part, briefly describe.		
1.3 The	duties and responsibilities	a. Yes O Partial O No O		

are assigned by the authority for the employee.	If no or in part, briefly describe.		
	Complete the Appendix A form <i>List of the support staff and their positions.</i>		
1.4 The administrative and information systems in the Midwifery Educational Institution should be well organized and effective.			
<ul> <li>a. Duties are assigned based on job descriptions.</li> </ul>	a. Yes Partial No Comment (if any).		
b. An academic calendar is used.	b. Yes O Partial No O Comment (if any).		
c. A master plan for student placements is used.	c. Yes O Partial No O Comment (if any).		
d. There is a notice board/ web site/ other information	d. Yes Partial No e. Yes Partial No		
e. system to inform employees and students of the institute.	Comment (if any).		

1.5 The Midwifery Educational Institution maintains well- organized and up-to-date records of  a. Student admission b. Student registration	a. Yes Partial No b. Yes Partial No		
c. Student transcripts d. Student master roll call e. Student personal files f. Examination roll call book g. Other administrative file systems (if yes, please indicate what type of administrative file systems) h. Student's log book	c. Yes Partial No c  d. Yes Partial No c  e. Yes Partial No c  f. Yes Partial No c  g. Yes Partial No c  h. Yes Partial No c  If yes to g., please indicate what type of other administrative file systems.		
1.6. The educators of the Midwifery Educational Institution are supported in updating their clinical expertise, midwifery knowledge, and competencies as educators, and in participating in continuous professional development eg:  a) Online English course b) Online mentorship c) Massive Open Online Course (MOOC)	Yes O Partial No O  a. Yes No O  b. Yes No O  c. Yes No O		

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1.7 Guest teachers who are hired are experts in their respective fields as per DGNM guideline.	Yes No Seriefly describe the process for hiring guest teachers.		
	Complete the Appendix B form, Guest Teachers Hired in the Previous Year.		
1.8 The Midwifery Educational Institution develops partnerships with practice-related organizations to ensure that the environment of clinical placements supports	Yes No Comment (if any)		
student learning.	Complete the AppendixC form Clinical Placement Sites.		
1.9 The Midwifery Educational Institution has			
<ul> <li>a. A prospectus with the information of background, Vision, mission, objective, course, achievement, future plan etc.</li> </ul>	a. Yes O Partial No O  Please provide a brief description.  b. Yes Partial No O		
<ul><li>b. A yearly master plan;</li><li>Human resource, budget,</li><li>physical resource</li></ul>	Please provide a brief description.  c. Yes Partial No		
c. A resource plan that is followed eg teaching and learning materials	Please provide a brief description.		
1.10 The midwifery educational institution's organogram is clear, current, and publicly displayed	Yes Partial No Please provide brief description		

# STANDARD II: STUDENT TYPE AND INTAKE (3 Criteria, Total marks 6)

The Midwifery Educational Institution admits students who have the academic background and ability to meet the requirements of the programme.

Criteria	Midwifery Educational Institution	Review Team			
	Midwifery Educational Institutional Report	Review Team Report	Met	Partially Met	Unmet
2.1 The Midwifery Educational Institution admits students with a background education according to government admission policy.	Yes ( ) No ( )				
2.2 The Midwifery Educational Institution admits students who are medically and physically fit.					
<ul> <li>The medical fitness of students</li> <li>the physical fitness of students;</li> <li>the immunization status of students.</li> </ul>	<ul> <li>Yes</li></ul>				

2.3 Students admitted into the
Midwifery Educational
Institution demonstrate
intention to serve people
anywhere in the health care
delivery system:

a. a willingness to serve in health care

a. Yes ( Partial ( No ( )		

# STANDARD III: TEACHING STAFF AND LEARNING ( 11 Criteria, Total marks 22)

The students of the Midwifery Educational Institution are taught by well-qualified Educators in the classroom and in clinical placements.

Criteria	Midwifery Educational Institution	Review Team			
	Midwifery Educational Institution Report	Review Team Report	Met	Partially Met	Unmet
3.1 All educators:					
<ul> <li>a. * Are registered nurses, registered midwives, or registered nurse- midwives</li> </ul>					
b. Demonstrate knowledge and competencies in the areas that they teach	b. Yes O Partial No Comment (if any)				
<ul> <li>c. * have a minimum of a bachelor's degree in nursing/midwifery/public health nursing.</li> </ul>	c. Yes No Comment (if any)  Complete Appendix D form <i>Qualifications of Educators</i> During the site visit reviewers will verify the personal data sheets				

	(PDS).		
3.2 The educator use well- recognized teaching methods to foster student learning a. adult education	a. Yes O Partial O No O		
approaches  b. self-directed learning  c. e-learning  d. clinical simulations.	b. Yes Partial No C  c. Yes Partial No C  d. Yes Partial No C		
3.3 The educator provide classroom and clinical learning experiences based on the most current evidence based information.	Yes O Partial No Provide an example showing how educator teach students to use evidence-based research in their practice.		
3.4 The educator develop clinical reasoning, problem solving, and critical thinking in students.	Yes Partial No lif yes, describe (provide some specific examples showing how educators teach students to think critically and to solve problems).		

3.5 Other health professionals who are guest lecturers hold a graduate degree and possess clinical and educational expertise in the specialty area they teach eg, scenario based, problems and solution etc.	Yes O Partial No () (Complete Appendix B form) Comment.		
3.6 There is;			
<ul> <li>a. a ratio of 1 educator to 40 students or less in midwifery theory courses</li> <li>b. 1 educator to 8 students or less in clinical placements and in the laboratory.</li> </ul>	a. Yes Partial No Complete Appendix Eform Numbers of Students per Course.  b. Yes Partial No Comment (if any).		
	Complete Appendix F form <i>Numbers of Students per Clinical Group.</i>		
3.7 There should not be more than 25% part-time educators.	Indicate the percentage of part-time educators at the NI.		

3.8 The individuals w	ho are Identify the individuals who are responsible for students in the			
responsible for stude	nts in the clinical setting.			
clinical setting:	i. Subject teacher ()			
<b>0</b>	ii. Principal/educator()			
	iii. Clinical educators/clinical supervisor			
a. hold a minim				
bachelor's de				
nursing/publ	c nealth			
nursing, and				
<ul><li>b. possess clinic</li></ul>	h Vac ( ) Partial ( ) No ( )			
expertise and	sound			
knowledge ir	their			
specialty are	ı <b>.</b>			
	Complete PDS forms of Clinical Educators.			
3.9 The Nursing and	<b>/lidwifery</b> Yes ○ Partial ○ No ○			
<b>Educational Institution</b>				
collaborates with sup				
mentors, registered				
midwives in the clinic				
areas	an practice			
arcas	Yes O Partial O No O	<b>1</b>		
2 10 Educators supp				
3.10 Educators suppo				
students in clinical p				
	Describe the collaborations with supervisors/ mentors, registered			
	nurses and registered midwives in the clinical practice area.			
3.11 Clinical educato	S			
responsible for stude				
clinical placements s	pervise Yes O Partial O No O			
and teach students in				
clinical practice areas	in which			
they have clinical exp				

# STANDARD IV: CURRICULUM DELIVERY (7 criteria, total Marks 14)

The delivery of the national curriculum for midwives fosters good student outcomes.

Criteria Midwifery Educational Institution		Review Team			
	Midwifery Educational Institution Report	Review Team Report	Met	Partially Met	Unmet
4.1 The Midwifery Educational Institution provides learning experiences that will enable midwife students to attain the competencies in the	Yes O Partial O No O				
International Confederation of Midwives (ICM) essential competencies for midwifery practices in Bangladesh.	Complete Appendix G form <i>Mapping Competency-Indicators Taught</i> .				
4.2 Midwifery Educational Institution offers midwifery students opportunities for;					
a. multidisciplinary learning	a. Yes O Partial O No O				
b. inter-professional teamwork collaboration.	b. Yes O Partial No O Provide a number of examples.				
4.3 The Nursing and Midwifery	·				

Edu	cational Institution			
a.	assess student knowledge with a range of methods. (i.e.: case presentations, buzz group, posters, role play, demonstration)	a. Yes O Partial O No O		
b.	assess skills development. (i.e. OSCE's, skills lab)			
c.	uses reliable, evidence- based evaluation methods; (i.e. MCQ, case based questions)	b. Yes O Partial O No O		
d.	communicate the	c. Yes Partial No Seriefly describe methods to evaluate knowledge and methods to		
	results with the students.	evaluate skill development  d. Yes \( \)No\( \)  Briefly describe how results are communicated a) in classes (i.e. orally? In writing?) b) in labs? c) in clinical?		
		<u>Classes:</u>		
		<u>Labs:</u>		

	Clinical Placements:		
4.4 * The Educational Institution maintains a good balance of classroom and practice learning experiences through master	Yes O Partial No O		
plan.	Complete Appendix H form Hours of Classroom Courses, Clinical Practice Experience and Labs.		
4.5 The Midwifery Educational Institution has access to clinical learning sites required for implementing the	Yes Partial No		
curriculum (Minimum 100 bedded hospital).	Complete Appendix I form <i>Clinical Placement Sites by Year of Program.</i>		
4.6 The Midwifery Educational Institution ensures clinical experiences by placing students in other health care facilities, if there are no/ less opportunities for evidence based midwifery practices (i.e. such as midwifery-led care, EmONC, VIA, CMR, PAC etc)	Yes Partial No Shiefly describe how the NMEI ensures subject-based clinical experiences (see Appendix I).		
4.7 The Midwifery Educational	Yes Partial No Supervision of clinical placement		
moditation provides supervised	briefly describe the type of supervision of chinear placement		

clinical learning experiences
that support midwifery theory
in a variety of practice settings.

	provided in the curriculum (see Appendix I).		
У			
gs.			

# **STANDARD V: RESOURCES (9 criteria, Total Marks 18)**

The Nursing and Midwifery Educational Institution has the resources to provide a good learning environment for teaching and learning.

#### Criteria

5.1 The Midwifery Educational Institution provides adequate accommodation and support to students during the program, including:

- a. Fully furnished hostel for students
- b. Students' washrooms
- c. Visiting room
- d. Guard's room
- e. Transportation for students to clinical sites
- f. Common room
- g. Conference room

	Nursing and Midwifery Educational Institution	Review Team		
	Nursing and Midwifery Educational Institution report	Review Team Report Met	Partially Met	Unmet
'				
	a. Yes Partial No			
	b. Yes Partial No			
	c. Yes No			
	d. Yes O			
	e. Yes O			
	f. Yes Partial No			
	g. Yes Partial No			
	Comment (if any)			

5.2 * The Educational Institution ensures students and educators have safe drinking water.	Yes \int No \int Briefly describe how the safety of the drinking water is assured.		
5.3 The Midwifery Educational Institution has adequate classroom space to support student learning with at least 1 classroom for 50 students.	Select one of the following:  i. 50 students or less per1 classroom  ii. More than 50 students per 1 classroom  Comment (if any).		
5.4 There should be at least 1 bathroom for 20 students.	Select one of the following: 20 students or less per bathroom  More than 20 students per bathroom		
5.5. The Midwifery Educational Institution has appropriately equipped lab space for			
<ul> <li>a. fundamental</li> <li>b. * midwifery</li> <li>c. nutrition</li> <li>d. microbiology</li> <li>e. anatomy</li> <li>f. physiology;</li> <li>g. computers</li> </ul>	a. Yes No student/teacher ratio b. Yes No student/teacher ratio c. Yes No student/teacher ratio d. Yes No student/teacher ratio e. Yes No student/teacher ratio f. Yes No student/teacher ratio g. Yes No student/teacher ratio		
	Comment (if any)		

5.6 The students have access to computers and to the internet to support their learning. The number of computers  a. 40 for college  b. 25 for institute	a. Yes No b. Yes No Comment (if any).		
5.7 The Midwifery Educational Institution has  a) well furnished library eg, light, fan, sitting arrangement etc.	a. Yes Partial No		
b) up-to-date books and text book	b. Yes Partial No		
c) an online library for students	c. Yes Partial No		
d) journals, and magazines.	d. Yes O Partial No O		
e) textbook:student ratio of 1:6	e. Yes Partial No		
	Provide a comment on the adequacy of the library and its resources including whether it deploys a qualified librarian, uses a		

		standard seating arrangement, and is opened from 8 am to 8pm.		
5.8 The Midwifery Institution is a. at least 30,0		a. Yes ○ No○		
feet	ooo oquui o	b. Yes O NoO		
b. prayer roor		c. Yes O No		
•	ities (indoor	d. Yes O No		
and outdoo	-	e. Yes O NoO		
d. an audiovis		f. Yes No		
e. an individu		g. Yes No		
the Head of		h. Yes No		
Nursing Ins f. room for ed		i. Yes 🔾 No🔾		
g. an office ro				
	and cashier			
h. a general o				
i. washroom				
educators				
5.9 Human resource recruited as per BN		c. Yes No		
		Describe human resource recruitment as it relates to the BNMC		
		policy.		

### APPENDIX A: LIST OF SUPPORT STAFF AND THEIR POSITIONS

SUPPORT STAFF – NAME	POSITION

#### APPENDIX B: GUEST TEACHERS HIRED IN THE PREVIOUS YEAR

GUEST TEACHER – NAME	ACADEMIC QUALIFICATIONS	DATES OF THEIR CONTRACT	COURSE(S) TAUGHT

#### **APPENDIX C: PARTNERSHIPS WITH SERVICE ORGANIZATIONS**

SERVICE ORGANIZATION – NAME	CLINICAL PLACEMENT SITES	COURSE (S)

## APPENDIX D: QUALIFICATIONS OF EDUCATORS

EDUCATOR – NAME	ACADEMIC QUALIFICATIONS	PROFESSIONAL QUALIFICATIONS

#### **APPENDIX E: NUMBERS OF STUDENTS PER COURSE**

LIST OF COURSES	NUMBERS OF STUDENTS IN EACH

#### APPENDIX F: NUMBERS OF STUDENTS PER CLINICAL GROUP

List of Clinical Groups	Numbers of Students in each

#### APPENDIX G: MAPPING COMPETENCY-INDICATORS TAUGHT IN COURSES

For each of the competency indicators listed below, please identify in the column beside it, which course or courses students are being taught this indicator.

	COMPETENCY-INDICATORS	IDENTIFY IN WHICH COURSE(S) THE
		INDICATOR IS BEING TAUGHT
1. (	General Competencies	
1a	Assume responsibility for own decisions and actions as an autonomous practitioner.  KNOWLEDGE  Principles of accountability and transparency Principles and concepts of autonomy Principles of self-assessment and reflective practice Personal beliefs and their influence on practice Knowledge of evidence-based practices  SKILLS & BEHAVIOURS Demonstrate behaviour that upholds the public trust in the profession Participate in self-evaluation, peer review and other quality improvement activities Balance the responsibility of the midwife to provide best care with the autonomy of the woman to make her own decisions Explain the midwife's role in providing care that is based on relevant law, ethics, and evidence	
1b	Assume responsibility for self-care and self-development as a midwife KNOWLEDGE  Strategies for managing personal safety particularly within the facility or community setting SKILLS & BEHAVIOURS  Display skills in management of self in relation to time management, uncertainty, change and coping with stress  Assume responsibility for personal safety in various practice settings  Maintain up-to-date skills and knowledge concerning protocols, guidelines and safe practice  Remain current in practice by participating in continuing professional education (for example, participating in learning opportunities that apply evidence to practice to improve care such as mortality reviews or policy reviews.)  Identify and address limitations in personal skill, knowledge, or experience  Promote the profession of midwifery, including participation in professional organizations at the local and national level	

	COMPETENCY-INDICATORS	IDENTIFY IN WHICH COURSE(S) THE INDICATOR IS BEING TAUGHT
1c	Appropriately delegate aspects of care and provide supervision  KNOWLEDGE  Policies and regulation related to delegation Supportive strategies to supervise others Role of midwives as preceptors, mentors, supervisors, and role models  SKILLS & BEHAVIOURS Provide supervision to ensure that practice is aligned with evidence-based clinical practice guidelines Support the profession's growth through participation in midwifery education in the roles of clinical preceptor, mentor, and role mode	
1d	Use research to inform practice  KNOWLEDGE  • Principles of research and evidence-based practice • Epidemiologic concepts relevant to maternal and infant health • Global recommendations for practice and their evidence base (e.g. World Health Organisation guidelines)  SKILLS & BEHAVIOURS • Discuss research findings with women and colleagues • Support research in midwifery by participating in the conduct of research	
1e	Uphold fundamental human rights of individuals when providing midwifery care  KNOWLEDGE  Laws and/or codes that protect human rights Sexual, reproductive health rights of women and girls Development of gender identity and sexual orientation Principles of ethics and Human Rights within midwifery practice  SKILLS & BEHAVIOURS Provide information to women about their sexual and reproductive health rights Inform women about the scope of midwifery practice and women's rights and responsibilities Provide information and support to individuals in complex situations where there are competing ethical principles and rights Practice in accordance with philosophy and code of ethics of the ICM and national standards for health professionals Provide gender sensitive care	

	COMPETENCY-INDICATORS	IDENTIFY IN WHICH COURSE(S) THE
		INDICATOR IS BEING TAUGHT
1 <b>f</b>	Adhere to jurisdictional laws, regulatory requirements, and codes of conduct for midwifery practice	
	KNOWLEDGE	
	The laws and regulations of the jurisdiction regarding midwifery	
	National/state/local community standards of midwifery practice	
	• Ethical principles	
	<ul> <li>ICM and other midwifery philosophies, values, codes of ethics</li> </ul>	
	SKILLS & BEHAVIOURS	
	<ul> <li>Practise according to legal requirements and ethical principles</li> </ul>	
	Meet requirements for maintenance of midwifery registration	
	<ul> <li>Protect confidentiality of oral information and written records about care of women and infants</li> </ul>	
	Maintain records of care in the manner required by the health authority	
	Comply with all local reporting regulations for birth and death registration	
	<ul> <li>Recognize violations of laws, regulations, and ethical codes and take appropriate action</li> </ul>	
	<ul> <li>Report and document incidents and adverse outcomes as required while providing care</li> </ul>	
1g	Facilitate women to make individual choices about care	
	KNOWLEDGE	
	• Cultural norms and practices surrounding sexuality, sexual practices, marriage, the childbearing continuum, and parenting	
	Principles of empowerment	
	<ul> <li>Methods of conveying health information to individuals, groups, communities</li> </ul>	
	SKILLS & BEHAVIOURS	
	<ul> <li>Advocate for and support women to be the central decision makers in their care</li> </ul>	
	<ul> <li>Assist women to identify their needs, knowledge, skills, feelings, and preferences throughout the course of care</li> </ul>	
	• Provide information and anticipatory guidance about sexual and reproductive health to assist women's decision making	
	<ul> <li>Collaborate with women in developing a comprehensive plan of care that respects her preferences and decisions</li> </ul>	

	COMPETENCY-INDICATORS	IDENTIFY IN WHICH COURSE(S) THE INDICATOR IS BEING TAUGHT
1h	Demonstrate effective interpersonal communication with women and families, health care teams, and community groups  KNOWLEDGE  Role and responsibilities of midwives and other maternal infant health providers Principles of effective communication Principles of effective working in health care teams Cultural practices and beliefs related to childbearing and reproductive health Principles of communication in crisis situations, e.g. grief and loss, emergencies  SKILLS & BEHAVIOURS  Listen to others in an unbiased and empathetic manner Respect one others' point of view Promote the expression of diverse opinions and perspectives Use the preferred language of the woman or an interpreter to maximise communication Establish ethical and culturally-appropriate boundaries between professional and non-professional relationships Demonstrate cultural sensitivity to women, families, and communities Demonstrate sensitivity and empathy for bereaved women and family members Facilitate teamwork and inter-professional care with other care providers (including students) and community groups/agencies Establish and maintain collaborative relationships with individuals, agencies, institutions that are part of referral networks Convey information accurately and clearly and respond to the needs of individuals	
1i	Facilitate normal birth processes in institutional and community settings, including women's homes KNOWLEDGE  Normal biologic, psychological, social, and cultural aspects of reproduction and early life Practices that facilitate and those that interfere with normal processes Policies and protocols about care of women in institutional and community settings Availability of resources in various settings Community views about and utilization of health care facilities and place(s) of birth SKILLS & BEHAVIOURS Promote policies and a work culture that values normal birth processes Utilize human and clinical care resources to provide personalized care for women and their infants Provide continuity of care by midwives known to woman	

	COMPETENCY-INDICATORS	IDENTIFY IN WHICH COURSE(S) THE
		INDICATOR IS BEING TAUGHT
1j	Assess the health status, screen for health risks, and promote general health and well-being of women and infants KNOWLEDGE  • Health needs of women related to reproduction • Health conditions that pose risks during reproduction • Health needs of infants and common risks SKILLS & BEHAVIOURS • Conduct a comprehensive assessment of sexual and reproductive health needs • Assess risk factors and at-risk behaviour • Order, perform, and interpret laboratory and/ or imaging screening tests • Exhibit critical thinking and clinical reasoning informed by evidence when promoting health and well being • Provide health information and advice tailored to individual circumstances of women and their families	
1k	Prevent and treat common health problems related to reproduction and early life  KNOWLEDGE  Common health problems related to sexuality and reproduction Common health problems and deviations from normal of newborn infants Treatment of common health problems Strategies to prevent and control the acquisition and transmission of environmental and communicable diseases  SKILLS & BEHAVIOURS  Maintain/promote safe and hygienic conditions for women and infants Use universal precautions consistently Provide options to women for coping with and treating common health problems Use technology and interventions appropriately to promote health and prevent secondary complications Recognize when consultation or referral is indicated for managing identified health problems, including consultation with other midwives Include woman in decision-making about referral to other providers and services	

	COMPETENCY-INDICATORS	IDENTIFY IN WHICH COURSE(S) THE INDICATOR IS BEING TAUGHT
11	Recognize abnormalities and complications and institute appropriate treatment and referral.  KNOWLEDGE  Complications/pathologic conditions related to health status Emergency interventions/life-saving therapies Limits of midwifery scope of practice and own experience Available referral systems to access medical and other personnel to manage complications Community/facility plans and protocols for accessing resources in timely manner  SKILLS & BEHAVIOURS  Maintain up-to-date knowledge, life-saving skills, and equipment for responding to emergency situations Recognize situations requiring expertise beyond midwifery care Maintain communication with women about nature of problem, actions taken, and referral if indicated Determine the need for immediate intervention and respond appropriately Implement timely and appropriate intervention, inter-professional consultation and/or timely referral taking account of local circumstances Provide accurate oral and written information to other care providers when referral is made. Collaborate with decision-making if possible and appropriate	
1 <i>m</i>	Care for women who experience physical and sexual violence and abuse.  KNOWLEDGE  Socio-cultural, behavioural, and economic conditions that often accompany violence and abuse Resources in community to assist women and children Risks of disclosure  SKILLS & BEHAVIOURS Protect privacy and confidentiality Provide information to all women about sources of help regardless of whether there is disclosure about violence Inquire routinely about safety at home, at work Recognize potential signs of abuse from physical appearance, emotional affect, related risk behaviours such as substance abuse Provide special support for adolescents and victims of gender-based violence including rape Refer to community resources, assist in locating safe setting as needed	

	Competency- Indicators	Identify which course (s) the indicator is being taught
2. I	Pre-Pregnancy and Antenatal	
2a	Provide pre-pregnancy care  KNOWLEDGE  • Anatomy and physiology of female and male related to reproduction and sexual development • Socio-cultural aspects of human sexuality • Evidence based screening for cancer of reproductive organs and other health problems such as diabetes, hypertension, thyroid conditions, and chronic infections that impact pregnancy  SKILLS & BEHAVIOURS • Identify and assist in reducing barriers related to accessing and using sexual and reproductive health services • Assess nutritional status, current immunization status, health behaviours such as use of substances, existing medical conditions, and exposure to known teratogens • Carry out screening procedures for sexually transmitted and other infections, HIV, cervical cancer • Provide counseling about nutritional supplements such as iron and folic acid, dietary intake, exercise, updating immunizations as needed, modifying risk behaviours, and prevention of sexually transmitted infections, family planning, and methods of contraception.	
2b	Determine health status of woman  KNOWLEDGE  Physiology of menstrual and ovulatory cycle Components of a comprehensive health history including psycho-social responses to pregnancy and safety at home Components of complete physical exam Health conditions including infections and genetic conditions detected by screening blood and biologic samples	

2b	<ul> <li>SKILLS &amp; BEHAVIOURS</li> <li>Confirm pregnancy and estimate gestational age from history, physical exam, laboratory test and/or ultrasound</li> <li>Obtain comprehensive health history</li> <li>Perform a complete physical examination</li> <li>Obtain biologic samples for laboratory tests</li> <li>(e.g. venipuncture, finger puncture, urine samples, and vaginal swabs)</li> <li>Provide information about conditions that may be detected by screening</li> <li>Assess status of immunizations, and update as indicated</li> <li>Discuss findings and potential implications with woman and mutually determine plan of care</li> </ul>	
2c	Assess fetal well-being KNOWLEDGE  • Placental physiology, embryology, fetal growth and development, and indicators of fetal well-being • Evidence-based guidelines for use of ultrasound SKILLS & BEHAVIOURS  • Assess fetal size, amniotic fluid volume, fetal position, activity, and heart rate from examination of maternal abdomen • Determine whether there are indications for additional assessment/examination and refer accordingly • Assess fetal movements and ask woman about fetal activity	
2d	Monitor the progression of pregnancy  KNOWLEDGE  • Usual physiological and physical changes with advancing pregnancy • Nutritional requirements of pregnancy • Common psychological responses to pregnancy and symptoms of psychological distress • Evidence informed antenatal care policies and guidelines, including frequency of antenatal visits  SKILLS & BEHAVIOURS • Conduct assessments throughout pregnancy of woman's physical and psychological well-being, family relationships, and health education needs • Provide information regarding normal pregnancy to woman, her partner, family members, or other support persons • Suggest measures to cope with common discomforts of pregnancy  • Provide information (including written and/ or pictorial) about danger signs, (e.g. vaginal bleeding, signs of preterm labour, pre-labour, rupture of membranes) emergency preparedness, and when and where to seek help • Review findings and revise plan of care with woman as pregnancy progresses	

2e	Promote and support health behaviours that improve well being
	KNOWLEDGE
	• Impact of adverse social, environmental, and economic conditions on maternal -fetal health
	• Effects of inadequate nutrition and heavy physical work
	• Effects of tobacco use and exposure to second-hand smoke, use of alcohol and addictive drugs
	Effects of prescribed medications on fetus
	• Community resources for income support, food access, and programs to minimize risks of substance abuse
	• Strategies to prevent or reduce risks of mother-to-child disease transmission including infant feeding options for HIV
	infection
	Effects of gender-based violence, emotional abuse, and physical neglect
	SKILLS & BEHAVIOURS
	Provide emotional support to women to encourage change in health behaviour
	• Provide information to woman and family about impact on mother and fetus of risk conditions.
	Counsel women about and offer referral to appropriate persons or agencies for assistance and treatment
	• Respect women's decisions about participating in treatments and programs
	Make recommendations and identify resources for smoking reduction/cessation in pregnancy
2f	Provide anticipatory guidance related to pregnancy, birth, breastfeeding, parenthood, and change in the family
	KNOWLEDGE
	Needs of Individuals and families for different information at different times in their respective life cycles  Methods of a solid and families for different information at different times in their respective life cycles
	Methods of providing information to individuals and groups  Methods of providing information to individual information to individual information to individual information to individ
	Methods of eliciting maternal feelings and expectations for self, infant, and family  SKILLS & BEHAVIOURS
	<ul> <li>Participate inand refer women and support persons tochildbirth education programs</li> <li>Convey information accurately and clearly and respond to needs of individuals</li> </ul>
	Prepare the woman, partner, and family to recognize labour onset, when to seek care, and progress of labour
	• Provide information about postpartum needs including contraception, care of newborn infants, and the importance of
	exclusive breast feeding for infant health
	• Identify needs or problems requiring further expertise or referral such as excessive fear, and dysfunctional relationships
	racinary needs of problems requiring further expertise of referral sacinas excessive real, and dystanedonal relationships

2g	Detect, stabilise, manage, and refer women with complicated pregnancies  KNOWLEDGE					
	• Complications of early pregnancy such as threatened or actual miscarriage, and ectopic pregnancy					
	• Fetal compromise, growth restriction, malposition, preterm labour					
	• Signs and symptoms of maternal pathologic conditions such as pre-eclampsia, gestational diabetes, and other systemic					
	illnesses					
	Signs of acute emergencies such as hemorrhage, seizures, and sepsis					
	SKILLS & BEHAVIOURS					
	• Stabilise in emergencies and refer for treatment as necessary21					
	• Collaborate in care of complications					
	• Implement critical care activities to support vital body functions (e.g. intravenous (IV) fluids, magnesium sulphate,					
	Anti-hemorrhagic)					
	Mobilize blood donors if necessary     Transfor to big box lovel facility if needed.					
	Transfer to higher level facility if needed					
2h	Assist the woman and her family to plan for an appropriate place of birth					
	KNOWLEDGE					
	• Evidence about birth outcomes in different birthplace settings					
	• Availability of options in specific location; limitations of climate, geography, means of transport, and resources available in					
	facilities					
	• Local policies and guidelines					
	SKILLS & BEHAVIOURS					
	• Discuss options, preferences and contingency plans with woman and support persons and respect their decision					
	<ul> <li>Provide information about preparing birth site if in community, e.g. travel and admission to facility</li> <li>Promote the availability of a full range of birth settings</li> </ul>					
	• Fromote the availability of a full range of bif th settings					

# 2i Provide care to women with unintended or mistimed pregnancy

### KNOWLEDGE

- Complexity of decision-making about unintended or mistimed pregnancies
- Emergency contraception
- Legal options for induced abortion; eligibility and availability of medical and surgical abortion services
- Medications used to induce abortion; properties, effects, and side effects
- Risks of unsafe abortion
- Family planning methods appropriate for the post-abortion period.
- Care and support (physical and psychological) needed during and after abortion

- Confirm pregnancy and determine gestational age; refer for ultrasound if unknown gestation and/or symptoms of ectopic pregnancy
- Counsel woman about options to maintain or end the pregnancy and respect the ultimate decision.
- Provide supportive antenatal care if pregnancy continued; refer to agencies, and social services for support and assistance when needed
- Identify from obstetric, medical and social history, contraindications to medication or aspiration methods
- Provide information about legal regulations, eligibility, and access to abortion services
- Provide information about abortion procedures, potential complications, management of pain, and when to seek help
- Refer to provider of abortion services upon request
- Provide post-abortion care
  - -Confirm expulsion of products of conception from history, ultrasound, or levels of HCG
  - -Review options for contraception and initiate immediate use of method
  - -Explore psychological response to abortion

	Competency- Indicators	Identify which course (s) the indicator is being taught
3. Care during la	abour and birth	
KNOWLEDGE  • Anatom • Physiolo • Evidence intervent • Cultural • Signs an • Methode SKILLS & BEHAV • Provide • Obtain r • Perform • Order an • Assess v • Provide • Provide • Provide	y of maternal pelvis and fetus; mechanisms of labour for different fetal presentations ogic onset and progression of labour e informed intra-partum care policies and guidelines, including avoidance of routine ions in normal labour and birth23,24 and social beliefs and traditions about birth id behaviours of labour progress; factors that impede labour progress s of assessing fetus during labour IOURS care for a woman in the birth setting of her choice, following policies and protocols relevant obstetric and medical history and interpret focused physical examination of the woman and fetus ind interpret laboratory tests if needed woman's physical and behavioural responses to labour information, support, and encouragement to woman and support persons throughout labour and birth respectful one-to-one care ge freedom of movement and upright positions nourishment and fluids	

3a	<ul> <li>Offer and support woman to use strategies for coping with labour pain, e.g. controlled breathing, water immersion, relaxation, massage, and pharmacologic modalities when needed</li> <li>Assess regularly parameters of maternal-fetal status, and e.g. vital signs, contractions, cervical changes, and fetal descent</li> <li>Use labour progress graphic display to record findings and assist in detecting complications, e.g. labour delay, fetal compromise, maternal exhaustion, hypertension, infection</li> <li>Augment uterine contractility judiciously using non-pharmacological or pharmacological agents to prevent non-progressive labour</li> <li>Prevent unnecessary routine interventions, e.g. amniotomy, electronic fetal monitoring, directed closed glottis pushing, episiotomy</li> </ul>
3b	Manage a safe spontaneous vaginal birth and prevent complications  KNOWLEDGE  • Manage a safe spontaneous vaginal birth; prevent complications, stabilise in emergencies, and refer as necessary  • Evidence about conduct of third stage, including use of uterotonics  • Potential complications and their immediate treatment e.g. shoulder dystocia, and excessive bleeding, fetal compromise, eclampsia, retained placenta  • Management of emergencies as covered in emergency skills training programmes such as BEMONC,25 HMS26  • Signs of placental separation; appearance of normal placenta, membranes, and umbilical cord  • Types of perineal and vaginal trauma requiring repair and suturing techniques  SKILS & BEHAVIOURS  • Support the woman to give birth in her position of choice  • Ensure clean environment, presence of clean necessary supplies and source of warmth  • Coach woman about pushing to control expulsion of presenting part, avoid routine episiotomy  • Undertake appropriate manoeuvers and use maternal position to facilitate vertex, face, or breech birth  • Expedite birth in presence of fetal distress  • Delay cord clamping  • Manage nuchal cord

<b>3b</b>	Assess immediate condition of newborn	
	Provide skin to skin contact and warm environment	
	Deliver placenta and membranes and inspect for completeness	
	• Assess uterine tone, maintain firm contraction, and estimate and record maternal	
	blood loss; manage excessive blood loss including administration of uterotonics	
	<ul> <li>Inspect vaginal and perineal areas for trauma, and repair as needed, following</li> </ul>	
	policies and protocols	
	Refer for continuing treatment of any complications as needed	
3с	Provide care of the newborn immediately after birth.	
36	KNOWLEDGE	
	Normal transition to extra-uterine environment	
	Scoring systems to assess newborn status	
	Signs indicating need for immediate actions to assist transition	
	<ul> <li>Interventions to establish breathing and circulation as covered in training programs such as HBS27</li> </ul>	
	Appearance and behaviour of healthy newborn infant	
	<ul> <li>Method of assessing gestational age of newborn infant</li> </ul>	
	<ul> <li>Needs of small for gestational age and low birth weight infants</li> </ul>	
	SKILLS & BEHAVIOURS	
	<ul> <li>Use standardized method to assess newborn condition in the first minutes of life (Apgar or other); refer if needed</li> </ul>	
	• Institute actions to establish and support breathing and oxygenation, refer for continuing treatment as needed	
	• Provide a safe warm environment for initiating breastfeeding and attachment (bonding) in the first hour of life	
	• Conduct a complete physical examination of newborn in presence of mother/family; explain findings and expected changes	
	e.g. colour of extremities, moulding of head. Refer	
	for abnormal findings.	
	• Institute newborn prophylaxis e.g. ophthalmic infection, and hemorrhagic disease, according to policies and guidelines	
	<ul> <li>Promote care by mother, frequent feeding and close observation</li> </ul>	
	<ul> <li>Involve partner/support persons in providing newborn care</li> </ul>	

	Competency- Indicators	Identify which course (s) the indicator is being taught
4.	Ongoing care of women and newborns	
<b>4</b> a	Provide postnatal care for the healthy woman  KNOWLEDGE  Physiological changes following birth, uterine involution, onset of lactation, healing of perineal-vaginal tissues Common discomforts of the postnatal period and comfort measures Need for rest, support, and nutrition to support lactation Psychological responses to mothering role, addition of infant to family  SKILLS & BEHAVIOURS Review history of pregnancy, labour, and birth Conduct a focused physical exam to assess breast changes and involution. Monitor blood loss and other body functions Assess mood and feelings about motherhood and demands of infant care Provide pain control strategies if needed for uterine contractions, and perineal trauma Provide information about self-care that enables mother to meet needs of newborn, e.g. adequate food, nutritional supplements, usual activities, rest periods, and household help Provide information about safe sex, family planning methods appropriate for the immediate postnatal period, and pregnancy spacing	
4 <i>b</i>	Provide care to healthy newborn infant KNOWLEDGE  • Appearance and behaviour of infant in early life; cardio-respiratory changes related to adapting to extra-uterine life • Growth and development in initial weeks and months of life • Protocols for screening for metabolic conditions, infectious conditions, and congenital abnormalities	
4b	<ul> <li>Protocols/guidelines for immunizations in infancy</li> <li>Evidence-based information about infant circumcision; family values, beliefs, and cultural norms</li> <li>SKILLS &amp; BEHAVIOURS</li> <li>Examine infant at frequent intervals to monitor growth and developmental behaviour</li> <li>Distinguish normal variation in newborn appearance and behaviour from those indicating pathologic conditions</li> <li>Administer immunizations, carry out screening tests as indicated</li> <li>Provide information to parents about a safe environment for infant, frequent feeding, care of umbilical cord, voiding and stooling, and close physical contact</li> </ul>	

## 4c Promote and support breastfeeding

### KNOWLEDGE

- Physiology of lactation
- Nutritional needs of newborn infants, including low birth weight infants
- Social, psychological, and cultural aspects of breastfeeding
- Evidence about benefits of breastfeeding
- Indications and contraindications to use of drugs and substances during lactation
- Awareness of lactation aids

- Promote early and exclusive breastfeeding while respecting a woman's choice regarding newborn feeding
- Provide information about infant needs, frequency and duration of feedings, and weight gain
- Provide support and information about breastfeeding for a minimum of six months, including combining with work, maintaining milk supply, and storing breast milk
- Identify and manage breastfeeding problems (e.g. mastitis, low milk supply, engorgement, improper latch)
- Provide information to women breastfeeding multiple newborns
- Refer women to breastfeeding support as indicated
- Advocate for breastfeeding in family and community

# **Detect, treat, and stabilise postnatal complications in woman and refer as necessary**KNOWLEDGE

- Signs and symptoms of:
  - -conditions in the postnatal period that may respond to early intervention (e.g. sub-involution, anaemia, urinary retention, and localized infection)
  - -complications that need referral to more specialized provider or facility (e.g. hematoma, thrombophlebitis, sepsis, obstetric fistula, and incontinence)
  - -life threatening complications requiring immediate response and specialized care (hemorrhage, amniotic fluid embolus, seizure, and stroke)
- Signs and symptoms of postnatal depression, anxiety, and psychosis
- Mourning process following perinatal death

#### SKILLS & BEHAVIOURS

- Provide information to woman and family about potential complications and when to seek help.
- Assess woman during postnatal period to detect signs and symptoms of complications
- Distinguish postnatal depression from transient anxiety about caring for baby, assess availability of help and support at home, and provide emotional support
- Provide counseling and follow-up care for women and family members who experience stillbirth, neonatal death, serious infant illness, and congenital conditions
- Provide first line measures to treat or stabilize identified conditions
- Arrange referral and/or transfer as needed

# **Detect, stabilise, and manage health problems in newborn infant and refer if necessary.**KNOWLEDGE

- Congenital anomalies, and genetic conditions
- Needs of pre-term and low birth weight infants
- Symptoms and treatment of withdrawal from maternal drug use
- Prevention of mother-to-child transmission of infections such as HIV, hepatitis B and C
- $\bullet \ \ Signs \ and \ symptoms \ of \ common \ health \ problems \ and \ complications; their \ immediate \ and \ ongoing \ treatment$

- Provide information to woman and family about potential complications and when to seek help.
- Assess woman during postnatal period to detect signs and symptoms of complications
- Distinguish postnatal depression from transient anxiety about caring for baby, assess availability of help and support at home, and provide emotional support
- Provide counseling and follow-up care for women and family members who experience stillbirth, neonatal death, serious infant illness, and congenital conditions
- Provide first line measures to treat or stabilize identified conditions
- Arrange referral and/or transfer as needed

## 4f Provide family planning services

### KNOWLEDGE

- Anatomy and physiology of female and male related to reproduction and sexual development
- Socio-cultural aspects of human sexuality
- Family planning methods including natural, barrier, hormonal, implantable; emergency contraception, sterilization; their possible side effects, risk of pregnancy, and contraindications to use
- Available written and pictorial resources for teaching about family planning methods
- Pregnancy options for HIV positive women or couples

- Provide and protect privacy and confidentiality for discussions about family planning knowledge, goals for limiting and/or spacing of children, and concerns and myths about methods
- Obtain relevant history of use of methods, medical conditions, sociocultural values, and preferences that influence choice of method
- Provide information about how to use, effectiveness, and cost of various methods to support informed decision-making
- Provide methods according to scope of practice and protocols, or refer to another provider
- Provide follow-up assessment of use, satisfaction, and side-effects
- Refer for woman or partner for sterilization procedure

# APPENDIX H: HOURS OF CLASSROOM COURSES, CLINICAL PRACTICE EXPERIENCE AND LAB

Year of Program	List of Subjects	Total Classroom Hours for each Subject	List of Practicum	Total Clinical Practice Hours by Clinical Area	List of Labs	Total Laboratory Hours for each Type of Lab	Total Hours
Year 1							
Year 2							
Year 3							

# APPENDIX I: CLINICAL PLACEMENT SITES BY YEAR OF PROGRAM

Year of Program	List of Practicum	Clinical Placement Area (e.g., ANC, PNC, Labor, Family planning etc.)	Service Delivery Site of the Clinical Placement	Number of Students Assigned to each Site	Length of the Clinical Placement
Year 1					
Year 2					
Year 3					

# **Review Team Summary**

Strengths		
Areas to Improve		
Signatures of the Review Team Members	Date	