

## Annex I. Instruments (questionnaire)

Subject No \_\_\_\_\_

Ward/Unit: \_\_\_\_\_

Date: \_\_

Introduction: This instrument is divided into 5 sections. Section 1 is related to yours Personal data. Section 2 is your knowledge regarding EBP. Section 3 is your sources of evidence for utilization of EBP. Section 4 is about Utilization of EBP. Section 5 is about Barriers to utilization of EBP and the last section is about Facilitators for utilization of EBP.

<b>Part I: Socio-demographic Data</b>		
<b>1</b>	Age	----- in year
<b>2</b>	Sex	1. Male 2. Female
<b>3</b>	Hospital in which you work	1. Referral hospital 2. General hospital 3. District hospital
<b>4</b>	Work unit in which you working	1 Medical ward 2 Surgical ward 3 Intensive care unit 4 Emergency Unit 5 Pediatrics 6 OPD            7,others
<b>5</b>	Marital status	1. Single 2. Married 3. Widowed 4. Divorced
<b>6</b>	Ethnicity	1. Oromo 2. Amhara

		3. Tigre 4. Gurage 5. Others specify ____
<b>7</b>	Religion	1. Orthodox 2. Muslim 3. Protestant 4. Catholic 5. Other specify ____
<b>9</b>	Work experience	_____ in year
<b>10</b>	Educational level	1. Diploma 2. BSc 3. MSc
<b>11</b>	Current role at the hospital	1. Staff nurse 2. Head nurse/ nurses at managerial position

**Part II: Nurses' knowledge regarding Evidence Based Practice (EBP)**

<b>s. no</b>	Please respond to the next items by indicating Yes or No to knowledge you have regarding EBP.	<b>Yes</b>	<b>No</b>
<b>1</b>	Are you aware of the concept of EBP in nursing?		
<b>2</b>	I have knowledge to implement EBP principles.		

3	Evidence-based practice is a problem solving approach.		
4	It enhances delivering of highest quality of care.		
5	EBP combines knowledge and theory.		
6	EBP fills the gap between research theory and practice when utilized.		
7	There is a need of evidence-based practice in nursing.		
8	EBP is for nurse educators and also for those in the clinical area.		

### Part III: Sources of evidence for utilization of EBP

I. To what extent do you personally use information from the following sources? Select and Put (✓) in the box below for each question.

s. no	Please respond to the next items by indicating the no 1, 2, 3, 4, or 5 that comes closer to what extent you trust with sources that you use for	1	2	3	4	5
1	Class room					
2	Hospital protocols					
3	National guidelines					
4	Training					
5	Colleague					
6	Personal experience					
7	Nursing journals					
8	Internet					

9	Textbooks					
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## Part VI. EBP activity questions to assess level of utilization of EBP among Nurses

s.no	Activities (How often have you personally involved in the following activities?)	Frequencies				
		1	2	3	4	5
		[1] Never, [2] Sometimes (<1/month), [3] Usually (1-2times/month), [4] often (weekly), [5] Always (several times/week).				
1	Asked clinical questions related with your nursing care practice					
2	Look for information, research, evidences, to support your nursing practice					
3	critically appraised any evidence which answers your clinical questions					
4	Use/integrating current evidence/guideline to guide the nursing care practice over					
5	Evaluate the outcome of using current evidence					
6	Sharing or Teaching others about new way of practice[current guideline to guide the nursing care practice]					

**Part V: Barriers to utilization of EBP**

<b>s. no</b>	Please respond to the next items by indicating the number 1, 2, 3, 4, or 5 that comes closer to how much you agree with barriers to utilization of EBP.	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>1</b>	Lack of autonomy to change practice					
<b>2</b>	Inadequate understanding of research terms					
<b>3</b>	Inability to understand statistical terms used in research					
<b>4</b>	Difficulty in judging the quality of research					
<b>5</b>	Inability to properly interpret the results of research					
<b>6</b>	Insufficient time at workplace to implement EBP					
<b>7</b>	Heavy workload at workplace to implement EBP					
<b>8</b>	Insufficient resources (e.g. equipment, internet, computer, protocols, guidelines ) to implement EBP					
<b>9</b>	The relevant literature is not available					
<b>10</b>	No confident in judging the quality of research					
<b>11</b>	Lack of authority in the work place to implement EBP					
<b>12</b>	Insufficient proficiency in English language					
<b>13</b>	The nurse is isolated from experienced colleagues with whom to discuss the research					
<b>14</b>	Physicians are not cooperative with the implementation					
<b>15</b>	Unjustified research conclusions to nursing					

<b>16</b>	Other staffs are not supportive of implementation					
<b>17</b>	Unclear implications of EBP for practice in nursing					
<b>18</b>	EBP has little benefits for nurses					
<b>19</b>	The culture of my team is not receptive to EBP implementation					
<b>20</b>	Uncertainty to believe the results of the research working to nurses' practice					

### **Part VI: Facilitators for utilization of EBP**

<b>s. no</b>	Please respond to the next items by indicating the number 1, 2, 3, 4, or 5 that comes closer to what extent do you agree with the following items that support EBP utilization.	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>1</b>	Cooperative & supportive nursing colleagues					
<b>2</b>	Enhancing administrative support like nurse managers					
<b>3</b>	Improving research knowledge					
<b>4</b>	Sufficient staffing/human power					
<b>5</b>	Giving adequate training					

Thank you!!!