

## Annex I: Questionnaires to Measure COVID-19 Related Knowledge Sharing Practice (KSP) and Associated Factors

Please write your appropriate answer for the given questions in the space provided.						
Part 1: Socio-demographic factors						
1	Age in years	_____				
2	Sex	1. Male    2. Female				
3	Educational status	1. Diploma    2. BSc degree    3. Master and above				
4	Marital status	1. 1. Married    2. Single    3. Divorced    4. Separated    5. Widowed				
5	Religion	1. 1. Orthodox Christian    2. Muslim    3. Protestant    4. Others specify.....				
6	Professions	1. 1. Medical Doctor    2. Nursing    3. Laboratory    4. Midwifery    5. Anesthesia 6. Pharmacy    7. Radiology    8. Others, specify-----				
7	Experience at COVID-19 treatment center	1. 1. <=1 month    2. Two month    3. >=3 month				
8	Salary	_____ (ETB)				
9	Work place	1. 1. Gondar university hospital    2. Bahirdar Tibebejion hospital				
S.no	History of COVID-19 infection					
1	Have you ever been infected with COVID-19?	Yes	No			
2	If the answer is yes how many times affected with COVID-19?	1. One	2. Twice	3. More than twice		
3	Have one or more members of your family been infected with COVID-19?	Yes	No			
4	If the answer is yes how many family members were affected with covid-19?	1.one	2. two	3. more than two		
S.no	Mobile phone access and usage					
1	Do you have a mobile phone?	1.yes	2. no			
2	If the answer is yes what types of mobile phones do you have?	1.smart phone	2. basic phone			
3	Do you have social media account?	1.yes	2. no			
Please circle your appropriate answer for the given questions in the given alternative.						
S. no	COVID-19 related Knowledge sharing practice	Never	Rarely	Sometime	Most of time	Always
KSP1	I share knowledge regarding COVID-19 from work experiences with the hospital's staff	1	2	3	4	5
KSP2	I share knowledge regarding COVID-19 from news, magazines, and journals to the hospital staff	1	2	3	4	5

KSP3	I share knowledge regarding COVID-19 from communication (face to face, e-mail) with colleagues	1	2	3	4	5
KSP4	I share knowledge regarding COVID-19 from training and seminars about coronavirus disease with my staffs	1	2	3	4	5
KSP5	I share the knowledge I was hearing and seeing any information regarding COVID-19 from the COVID-19 treatment center	1	2	3	4	5
KSP6	I share knowledge regarding COVID-19 from COVID-19 patients with new sign and symptoms	1	2	3	4	5
KSP7	I share knowledge regarding COVID-19 from social media (Facebook, Twitter, blog ...)	1	2	3	4	5
KSP8	I share knowledge regarding COVID-19 from observations of COVID-19 patients	1	2	3	4	5
KSP9	I share knowledge regarding COVID-19 from the internet (Google, Google scholars, pub med, websites of the organizations)	1	2	3	4	5
KSP10	I share knowledge regarding COVID-19 from phone conversation	1	2	3	4	5
KSP11	I share knowledge regarding COVID-19 from COVID-19 patient documented file (manual and electronic form)	1	2	3	4	5
KSP12	I share knowledge regarding COVID-19 from the WHO coronavirus report	1	2	3	4	5
<b>S. no</b>	<b>Awareness about COVID-19 knowledge sharing</b>	<b>Strongly disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly Agree</b>
A1	I have awareness about the importance of COVID-19 related knowledge sharing in daily work.	1	2	3	4	5
A2	Knowledge sharing helps to gain new ideas, skills, or techniques about coronavirus disease.	1	2	3	4	5
A3	COVID-19 related knowledge sharing helps to reduce the same mistake we have made before.	1	2	3	4	5
A4	Knowledge sharing helps to learn faster about the COVID-19 pandemic.	1	2	3	4	5
<b>S.no</b>	<b>Job satisfaction in the time of treating COVID-19 patients</b>					
Js1	I am satisfied with the reward and recognition mechanism when I have been helped, COVID-19 patients	1	2	3	4	5
Js2	I am satisfied with the attractive salary for my job that I was worked in COVID-19 treatment center	1	2	3	4	5
Js3	I am satisfied with treated COVID -19 patients	1	2	3	4	5
Js4	I am satisfied with the work that I have cured COVID-19 patients	1	2	3	4	5
Js5	I am satisfied with all the equipment's, supplies, and resources to give treatment to COVID-19 patients	1	2	3	4	5

<b>S.no</b>	<b>Intrinsic motivation</b>					
IM1	I enjoy helping my colleagues by sharing my knowledge regarding COVID-19	1	2	3	4	5
IM2	I believe that my experience can improve work efficiency and increase productivity by sharing knowledge regarding COVID-19.	1	2	3	4	5
<b>S.no</b>	<b>Willingness to share knowledge regarding COVID-19</b>					
W1	I am willing to share knowledge and experience regarding COVID-19 with colleagues.	1	2	3	4	5
W2	I am willing to share knowledge from training and workshop about coronavirus disease with colleagues.	1	2	3	4	5
W3	I am willing to share COVID-19 related knowledge from the government official website with colleagues.	1	2	3	4	5
<b>S.no</b>	<b>Extrinsic motivation</b>					
Em1	Incentive and reward (promotion, bonus) for the individual who shares their knowledge regarding COVID-19	1	2	3	4	5
Em2	Acknowledgment and recognition for individuals who are committed to sharing their knowledge regarding COVID-19	1	2	3	4	5
<b>S.no</b>	<b>Supportive leadership regarding COVID-19</b>					
SL1	Managers of the organization encourage knowledge-sharing practices regarding COVID-19 with colleagues.	1	2	3	4	5
SL2	Managers of the organization encourage new ideas for new opportunities and focusing on learning from failure treating coronavirus patients.	1	2	3	4	5
SL3	Managers of the organization advise team members to make a decision and solve the problem regarding COVID-19 to share their knowledge with staff.	1	2	3	4	5
<b>S.no</b>	<b>Teamwork regarding to COVID-19</b>					
Tw1	I cooperate with my colleague rather than competing with them to share knowledge regarding COVID-19	1	2	3	4	5
Tw2	Most of the staff work cooperatively to share knowledge regarding COVID-19	1	2	3	4	5
Tw3	Organizations encourage team-work to sharing knowledge related COVID-19	1	2	3	4	5
<b>S.no</b>	<b>Training, Internet and computer access</b>					
TIC1	Do you have any kind of computer training?	Yes		No		
TIC2	If yes for the above question where do you get it?	At workplace		At private		Others
TIC3	Do you have the access/ the opportunity/ to use a computer?	Yes		No		
TIC4	If yes for the above question where do you get it?	At workplace		At home		Others
TIC5	Do you have the access/ the opportunity/ to use the internet?	Yes		No		

TIC6	If yes for the above question where do you get it?	At workplace	At home	Others
<b>S.no</b>	<b>Source for COVID-19 knowledge sharing</b>			
SC1	Are articles and documentations a source for knowledge sharing regarding COVID-19?	Yes	No	
SC2	Are social media the source for knowledge sharing regarding COVID-19?	Yes	No	
SC3	Are government official websites as a source for knowledge sharing regarding COVID-19	Yes	No	
SC4	Are COVID-19 reports the source for knowledge-sharing practice about coronavirus disease?	Yes	No	
<b>S.no</b>	<b>Information technology to share COVID-19 knowledge</b>			
T1	Have you ever store your data/file on a computer or smartphone?	Yes	No	
T2	Have you ever delete any unwanted files onto the computer?	Yes	No	
T3	Have you ever save any download files onto the computer or smartphone?	Yes	No	
T4	Have you ever download and install the software onto the computer or smartphone?	Yes	No	
T5	Have you ever create and change passwords on the computer?	Yes	No	
<b>S.no</b>	<b>Communication channels regarding COVID-19 knowledge</b>			
Cc1	Mobile phone (conversion, SMS) communication is channels for knowledge sharing regarding COVID-19	Yes	No	
Cc2	communication through internet access is a channels for knowledge sharing regarding COVID-19	Yes	No	
Cc3	Communication through email is a channel for knowledge sharing regarding COVID-19.	Yes	No	
Cc4	Communication through social media is a channel for knowledge sharing regarding COVID-19.	Yes	No	