

# Survey on health professionals for the digitalization of health sector in Bangladesh

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\* Required

1. How old are you ? \*

*Mark only one oval.*

☐ 20-25

☐ 26-30

☐ 31-35

☐ 35+

2. Gender? \*

*Mark only one oval.*

☐ Male

☐ Female

☐ Prefer not to say

## 3. Are you a ... \*

*Mark only one oval.*

- ☐ Student
- ☐ Technician
- ☐ Pathologist
- ☐ Radiologist
- ☐ Doctor
- ☐ Other: \_\_\_\_\_

## 4. If you are a student then select the level \*

*Mark only one oval.*

- ☐ 1st year student
- ☐ 2nd year student
- ☐ 3rd year student
- ☐ 4th year student
- ☐ 5th year student
- ☐ FCPS/ post graduate student

## 5. Write the name of your organization/ hospital/ college/ university: \*

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## 6. If you're technician/ pathologist/ radiologist/ doctor or other (not student) then: \*

*Mark only one oval per row.*

	(1)	(2)
Experience >5 years (1) or experience <=5 years (2)	<input type="radio"/>	<input type="radio"/>
Self-employed (1) or employed (2)	<input type="radio"/>	<input type="radio"/>
Work in public organization (1) or private organization (2)	<input type="radio"/>	<input type="radio"/>
Work in City area (1) or outside city (2)	<input type="radio"/>	<input type="radio"/>

## 7. Are you familiar with the following terms: \*

*Mark only one oval per row.*

	Completely unknown	Basically known	Completely known
Electronic patient record	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whole slide image	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital Pathology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital health care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digitalization in medicine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Artificial intelligence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 8. Your opinion on how the digitalization of health/medical sector will affect: \*

*Mark only one oval per row.*

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Enable early disease detection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improve patient management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improve Health care and treatment plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Medical professionals will lose jobs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduce workloads for medical professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doctors will lose contact with the patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduce doctor-doctor communication/relationship	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create a risk of data privacy and confidentiality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Artificial intelligence (AI) /computer based diagnosis will lead to loss of skills for medical professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 9. Score the health service of rural areas in a scale of 1 to 5 (for city areas: 5) \*

*Mark only one oval.*

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 10. Do you think that \*

*Mark only one oval per row.*

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
you're prepared for adapting digitalization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your job will be at risk in future if digitalization happens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
including courses/training on digitalization as part of education will help understand digital health system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
enough courses/trainings are already available for you	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
digitalization will increase health support for rural/remote people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 11. Do you use/previously used \*

*Mark only one oval per row.*

	Yes	No
laptop/ computer/smartphone	<input type="radio"/>	<input type="radio"/>
any digital applications such as dms/ patient aid/ GP guide/ or other similar application	<input type="radio"/>	<input type="radio"/>
any FDA approved AI based system	<input type="radio"/>	<input type="radio"/>

## 12. What will you prefer if your decision/diagnosis differ from AI or computer based diagnosis? \*

*Mark only one oval.*

- ☐ Seek advice from a colleague
- ☐ Stick with your own decision
- ☐ Go with the computer's decision
- ☐ Not sure

## 13. Do you want to transform to the digital medical/ health system \*

*Mark only one oval.*

- ☐ Very reluctantly
- ☐ Reluctantly
- ☐ Partly
- ☐ Gladly
- ☐ Very gladly

## 14. Identify the challenges for the digitalization of medical/health sector \*

Mark only one oval per row.

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Lack of user-friendly applications/systems for the digitalization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cost of the digitalization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unwillingness of practitioners (doctors/ pathologists/ radiologists/ medical students)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of education materials and trainings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 15. Please write a sentence/couple of sentences expressing your feelings towards digitalization \*

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