

**University of Sharjah
College of Health Sciences**

**Building Sustainable Healthcare Systems: Insights into Radiography Practices and Challenges from Asia
and Africa**

This survey aims to gather insights from medical professionals on their knowledge, attitudes, and practices regarding sustainability in healthcare. Your responses will promote green healthcare initiatives and foster sustainable practices within the medical field.

Dear Participant,

You are invited to participate in this voluntary study.

Key Points:

- Your data will remain confidential.
 - Non-participation has no consequences.
 - You may withdraw at any time without any implications.
- The collected information will be used solely for reports or articles and handled confidentially.

Consent:

I have read the above information and agree to participate in this research.

Please answer the following questions:

Demographic Questions

- 1- Which country are you working in?
- 2- Please select your gender.
Male Female
- 3- Your Age?
- 4- What is your degree in imaging?
 - a. Diploma
 - b. BSc
 - c. MSc
 - d. PhD
- 5- How long have you been a radiographer?
- 6- Where do you work?
 - a. Private Hospital
 - b. Public/ Government Hospital
 - c. University Hospital
- 7- Which modality do you work mainly on?
 - a. CT
 - b. MRI
 - c. General Radiography
 - d. Mammography
 - e. Ultrasonography
 - f. Dental Radiography
 - g. Other:

Sustainability Focus

- 1- Which of the following best describes sustainability in healthcare?
 - A. Reducing the environmental impact of healthcare operations
 - B. Increasing the financial profits of healthcare facilities
 - C. Enhancing patient comfort regardless of environmental cost
 - D. None of the above
- 2- . What are the key areas of focus in sustainable healthcare?
 - A. Waste management
 - B. Energy efficiency
 - C. Water conservation
 - D. All of the above
- 3- How do you prioritize sustainability in your clinical decisions?
 - A. It's a primary consideration
 - B. It's of some importance, but secondary to patient care
 - C. I consider it when it's convenient
 - D. I do not consider it at all
- 4- What is the biggest barrier to implementing sustainable practices in healthcare?
 - A. Lack of awareness and training
 - B. Financial constraints
 - C. Insufficient managerial support
 - D. Perceived impact on patient care
 - E. Busy Schedule and Lack of time
- 5- What type of waste disposal methods are you familiar with in your healthcare setting?
 - A. Incineration
 - B. Recycling
 - C. Composting
 - D. Chemical treatment
 - E. Other _____
- 6- How often do you engage in practices to reduce energy consumption at your workplace?
 - A. Daily
 - B. Weekly
 - C. Monthly
 - D. Rarely
 - E. Never
- 7- Which sustainable practices are incorporated into your daily routine? (Select all that apply)
 - A. Using reusable materials
 - B. Digital documentation to reduce paper use
 - C. Energy-efficient lighting
 - D. Water-saving fixtures

Perception of Knowledge

8- Please indicate your level of agreement with the following statements by selecting the appropriate number on the scale provided.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I understand the concept of sustainability					
I am aware of the impact of sustainability practices on patient care.					
I am familiar with my workplace's sustainability policies.					
I can identify the benefits of implementing sustainable practices in healthcare settings.					
I regularly update my knowledge on sustainability					
I am aware of the environmental impact of waste from healthcare facilities.					
I understand energy conservation in a healthcare setting.					

Attitude

9- Please indicate your level of agreement with the following statements by selecting the appropriate number on the scale provided.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Sustainability is important in healthcare					
Sustainable practices are essential for improving patient outcomes.					
Sustainability is prioritised at my workplace.					
Sustainability should be integrated into all health professional training programs.					
I am motivated to learn more about sustainable healthcare practices.					
Every health professional can promote sustainability.					
Healthcare sector can reduce its environmental impact.					

Practice

10- Do you have sustainability guidelines at your workplace? Yes No I don't know

11- Please indicate your level of agreement with the following statements by selecting the appropriate number on the scale provided.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I follow sustainability guidelines at work.					
I try to reduce waste in my daily work activities.					
I encourage others to adopt sustainable practices at work.					
I participate in training/workshops on sustainability in healthcare when available.					
I use resources responsibly to minimize environmental impact.					
I consider the environmental impact of my clinical decisions.					
I support initiatives aimed at reducing energy consumption.					
I make suggestions for improving sustainability practices at work.					
I follow proper disposal procedures for different types of waste.					
I actively engage in discussions about sustainability issues at work.					
I seek out sustainable product alternatives for use in my clinical practice.					
I try to implement sustainable practices in my daily activities.					
I contribute to sustainability feedback processes at work.					
I evaluate the effectiveness of my sustainability practices regularly.					

Barriers

12- Please indicate your level of agreement with the following statements by selecting the appropriate number on the scale provided.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
There is a lack of training on sustainable practices.					
There is insufficient financial support to implement sustainable practices.					
Current workload and staff shortages make it difficult to prioritize sustainability.					
There is a lack of leadership commitment to sustainability.					
The benefits of implementing sustainability are not well communicated.					