Questionnaire

Nursing Practice in the Digital Era:-

Part One: Demographic Information

Please tick (✓):

A1. Age:

< 25☐

25-30☐

30-40☐

40-60☐

A2. Gender

☐ Male

☐ Female

A3. Highest Nursing Qualification

☐ Diploma

☐ Bachelor's

☐ Master's

A4. Job title

☐ Staff Nurse

☐ Senior Nurse

☐ Head Nurse

☐ Nursing Manager

A5. Years of Nursing Experience years

<2 Years☐

2-5 Years☐

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5-10 Years☐

> 10 Years ☐

A6. Current Department/Unit

☐ Medical

☐ Surgical

☐ Intensive Care Unit

☐ Emergency

☐ Pediatrics

☐ Maternity

☐ Outpatient

A7. Have you received formal training in digital health or health informatics?

☐ Yes

☐ No

A8. If yes, what type of training?

☐ University course

☐ Workshop

☐ Online course

☐ In-service training

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Part Two: Current Use of Digital Technologies in Nursing Practice

Scale: Never – Rarely – Sometimes – Often – Always

B1. Mobile phone/WhatsApp for work-related communication

B2. Digital vital signs monitor.

B3. Digitally controlled infusion pumps.

B4. Internet for searching medical/nursing information.

B5. Mobile health applications for patient education or follow-up.

Part Three:Perceived Challenges in Adopting Smart Care

Scale: 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

C1. Lack of computers and digital devices in the hospital.

C2. Unreliable or interrupted internet connectivity.

C3. Frequent power outages affect the use of digital tools.

C4. Lack of technical support (IT staff).

C5. I have not received adequate training on digital tools.

C6. Lack of management support for digital transformation.

C7. Fear of making mistakes when using digital systems.

C8. Patients prefer human interaction over technology.

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Part Four:Perceived Opportunities of Smart Care in Nursing

Scale: 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

D1. Digital tools reduce medication errors

D2. Smart care improves patient safety.

D3. Technology improves communication among healthcare team members.

D4. Smart care enhances patient satisfaction.

D5. Digital tools support evidence-based nursing practice.

D6. Digital technologies improve the quality of nursing care.

Part Five:Attitudes Toward Adopting Smart Care

Scale: 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

E1. I am willing to learn new digital technologies in nursing.

E2. I believe that smart care will improve the nursing profession in Sudan.

E3. I am confident in my ability to use digital health tools.

E4. I believe that human-centered care should be maintained while using digital technologies.

E5. My hospital should invest more in digital health infrastructure.

E6. I believe that the transition to smart care is necessary despite the challenges.

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