QR Code Microlearning Development and Use

Center for Professional Practice of Nursing

I. SETTING

Medical Center

II. PURPOSE

This document provides guidance for staff regarding development, use, and maintenance of "Quick Response" (QR) Codes for operations and education.

QR Codes are two-dimensional codes that are scanned with smart devices, connecting individuals to additional online content or information. They are made up of modules arranged on a contrasting background.

III. BEST PRACTICE GUIDELINES

A. QR Code Uses

1. QR Codes can contain many distinct types of information and allow users to access information through their smart device without having to type in a URL manually. QR Code data types may include:

a. Survey Completion

b. Educational Content

c. Event Information

B. QR Code Development

1. QR Code Generators

a. UC Davis Health Brand and Graphics Standards guide recommends QR Code Monkey to generate a QR code, where the QR code does not expire. https://www.qrcode-monkey.com/

b. Brand Standards Guide: https://health.ucdavis.edu/graphicstandards/pdf/brand_standards_guide.pdf

2. Security Solutions

a. For guidelines of QR code usage purposes and posting

recommendations, refer to Brand and Graphic Standards Guide. Print the URL near the QR Code. It will help the user determine if the QR Code is directing them to the appropriate materials.

C.   QR Code Content Storage

1.   The content in which a QR Code links to must be hosted on UC Davis Health supported applications and websites. Do not use personal websites to host QR Code content.

2.   Examples of UC Davis Health supported applications include, but are not limited to:

a.   Microsoft OneDrive, SharePoint, or Teams

b.   Intranet or Department Website

c.   Qualtrics or RedCap Surveys

D.   QR Code Maintenance and Quality Assurance

1.   Individuals creating their QR Code are responsible for where the QR Codes are displayed and maintenance of content over time.

2.   Close QR Code linked surveys to additional responses once survey data collected

3.   Remove any posted QR Code once the material or surveys have expired and are no longer actively used.

4.   Review QR Code content regularly to verify currency and accuracy.

IV.   PROCEDURES

A.   Patient Care Services (PCS) Microlearning via QR Codes

1.   For guidance and further details on development, review, approval, and maintenance of microlearning for nursing, please visit the Center for Professional Practice of Nursing (CPPN):**https://health.ucdavis.edu/cppn/forms/index.html**

2.   All PCS microlearning educational content using a QR code will be reviewed by the respective subject matter expert and the PCS Clinical Practice Council.

3.   Microlearning videos are hosted on Microsoft Stream.

4.   The PCS Clinical Practice Council (CPC), will review microlearning for relevancy per microlearning submission form.

V.   REFERENCES

Brand Standards Guides (2022).
https://health.ucdavis.edu/graphicstandards/pdf/brand_standards_guide.pdf

Narayanan, A. S. (2012). QR codes and security solutions. International Journal of Computer Science and Telecommunications, 3(7), 69-72.

QR Code Monkey (2023). https://www.qrcode-monkey.com/

U.S. General Services Administration. (2013, February 14). QR Codes. Digital.gov. https://digital.gov/2013/02/14/qr-codes/.

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