SimLa Innovations

Project:	**QR Codes for Programming**
Materials:	Access to printer.
Cost:	.05-.10¢ (one page print cost)
Time:	15 - 30 minutes (with a caveat)

Details: Nursing students often have difficulty remembering the steps to programming IV pumps, or feeding pumps, or 12 lead ECG machines during real-time scenarios. Anecdotally, I have noticed it is one of the most frustrating parts of a scenario for students.

Solution – apply a QR code to each device. After finding a video on how to program your desired device (or creating your own video and uploading to YouTube; this is the caveat), do an internet search for a QR Code Generator web site – pick one and insert the YouTube address for the video into the QR code generator. Copy the QR Code (Image 'A') into a document and print one for each required device (Images B, C). Cut to shape, and secure on side of device with clear packing tape.

Students can download a free QR reader app (many smart phones just use the camera feature that converts the code). The student scans the QR code with their smart phone and the code is linked to the YouTube video that walks them through the process of pump programming, 12 lead controls, etc.

Image 'A'

Image 'B'

Image 'C'