

# Why and How to Use QR Codes in Healthcare



As healthcare embraces technology to improve patient outcomes, streamline operations, and lower costs, the technologies with the most impact are the ones that Make Things Simpler.

## One of the most basic ways to simplify a complex process to is remove friction

The electronic medical record removes the *friction* of paper records – finding, handling, storing, and securing them – all the things that can get between the critical information on the page and the physician who needs it. A smartphone removes the friction of needing to be near a desktop to read and send email, get contact information, and securely access practice and hospital documents and patient data. This technology provides value by simplifying a process to its core so that time, effort and resources are not wasted on mishaps, transportation, and basic human inertia.

Now, think about your practice's web content: the basic information and elevator pitch about your services that you want to communicate to existing and future patients. **Your content** is the reason you have a website in the first place and you should always be looking for ways to get eyeballs in front of it. Email lists, Facebook and Twitter, direct mail and practice brochures are all designed to connect people with your content to drive business to your practice. If someone

sees a link to your content while they're at their computer, then the only friction you'll encounter is getting them to click to go to your page.

## **But what about all the mobile time your potential customers spend?**

If they see an advertisement – TV, billboard, print – that has the URL (web address) you want to send them to, they will have to bypass a lot of potential friction before they see your content. They have to:

- Commit to going to the website later
- Remember the URL, and why they wanted to go to in the first place
- Follow through with this commitment and remember how and why they wanted to go to the page
- Type the URL into a browser

With social media and email campaigns that are usually accessed through internet enabled PCs or mobile devices, a simple link enables you to bypass all of this potential friction because there's a fairly good chance that your customer will either click the link immediately, or possibly bookmark it to check it out later (enabling a much easier recall). But with print, public, and televised advertising campaigns the odds are the customer doesn't have either:

1. An internet enabled device on them at the moment, or
2. The time or inclination to check out the website immediately- and if they did, they would encounter more friction typing the address into their mobile.

So how can you overcome this friction, and get the benefits of the simplicity of a link in a "real world" marketing situation? One way is with Quick Response (QR) codes.

A QR code is a two-dimensional barcode that can be quickly and easily read by a fairly simple piece of software to

communicate a piece of information: text, or a phone number or other contact information, or a web address to direct a phone's web browser. Most of the QR Codes themselves are a small jumble of black and white pixelated dots that sort of resemble a "digital bacteria" or some sort of computer life form. But in many ways, Quick Response (or QR) codes are like hyperlinks that exist in our physical lives. By installing a small program on your phone, and then taking a picture of the code with your phone, you can immediately access the information embedded within.

- See a newspaper ad about a sale at one of your favorite stores, and scan the QR code to get a link to a coupon for an additional discount, or to register to be told about other upcoming sales.
- See a TV commercial about a new restaurant, where scanning the code on TV leads your phone to a website to make reservations for dinner, or receive a special two-for-one deal.
- See a poster at a health fair booth and scan the QR code to get an instant calculator app that gives you easy exercise options for someone your age with your level of physical fitness.

By removing the friction of telling someone about web content without giving them the ability to access it automatically, QR Codes lubricate the entire person education process. A QR Code on a brochure can facilitate initial contact with the patient by sending them to a website to get more information, or book an appointment, whereas a phone number to call with more info, or even just the practice's web address means a patient is left to go the rest of the way on their own. On top of that, a QR code is a simple and effective way to improve your image as an organization on both a technical and user friendly front, and QR codes are flexible enough to handle a lot of different applications in your practice:

- Flyers about annual checkup services: (blood pressure,

weight management, mammograms) that your patients see as they leave (often when most motivated to seek additional services) can include links to more information (general info sites, government warnings, approved resource sites, treatment communities) or redirect to content on your site or blog.

- Advertisements for surgical procedures and contain codes to access before and after pictures and patient testimonials, or to a landing page to submit requests for more information.

By streamlining the process of fulfilling a patient's request to "*tell me more*", QR Codes give practices an easy (and did I mention **free**) way to build relationships, influence patient health choices and outcomes, direct patients to the content you choose for them, and even send the message that your practice is on the leading edge of technology.

## **Five steps to start using QR codes in your practice right away**

1. **Decide** how QR Codes fit into your overall marketing and education effort. Which real-world situations do you want to link to web content?
2. Setting up a QR plan doesn't have to involve a big up-front expense. **Use free programs** like Kaywa (<http://qrcode.kaywa.com/>) to generate codes for your campaigns, and free readers like i-nigma for iPhone (<http://itunes.apple.com/us/app/i-nigma-4-qr-datamatrix--barcode/id388923203?mt=8>) and QRDroid for Android (<https://market.android.com/details?id=la.droid.qr>) to get started right away
3. **Think carefully about where you place the codes themselves.** You want people to have access to the info, without making the code itself the center of the message. The code is the link to more, not the point of the marketing effort. And make sure people can see and

frame the code easily enough that they don't struggle to scan it. Don't add friction now!

4. **Don't assume** everyone knows what the code is, or what to do with it. Give them a clear call to action, complete with instructions. "Scan this code with a QR reader to receive (learn more, find out, book now...)"
5. Make sure the payoff at the other end of the code is worth the effort. **Give them some real value** for their scan. It could be a discount, it could be exclusive, valuable, it could be a frictionless way to make an appointment with you (win-win!), but don't have people scan if the effort won't be rewarded with real value.

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## 22 Ways You Will Use QR (Quick Response) Codes in Healthcare in the Future (if You're Smart!)

A QR (Quick Response or Quick Read) Code is a two-dimensional matrix/bar code. Users hold their phone up to the code displayed on a sign, in a book, on a computer screen, tv, or almost anywhere. The phone camera snaps the code and takes the user to a website or video with more information – no typing needed – just **point and click**.

QR Codes are most common in Japan where they are currently the most popular type of two dimensional codes. (definition courtesy of Mashapedia = wikipedia and Mashable)

1. Billboards advertising hospitals and medical groups will have QR codes so travelers can get more information about facilities or get directions to the closest Emergency Department, Urgent Care or family practice.
2. Television advertising for pharmaceuticals will have QR codes so viewers can get more information on the spot.
3. Healthcare facilities will have QR codes for all types of information and videos that providers and nurses will instruct patients to scan based on their health problems.
4. Magazines and newspapers will have QR codes that readers can scan to get health information and health product coupons.
5. Scanning QR codes when exercising or purchasing healthy foods will get you reward points with your health plan, your doctor or your employer.
6. Comparison of foods that you should or should not buy in grocery stores based on your individual health problems will be easy when you scan the food's QR codes.
7. Caregivers will scan QR codes to receive information and videos for caring for their loved one at home.
8. When purchasing over the counter medications, vitamins and supplements, you will scan the QR to make sure the medication isn't contraindicated for any prescription medication you are taking.
9. Scanning the QR code on food or cleaning products will let you know if they contain anything that you are allergic to.
10. At health fairs, attendees will scan QR codes for more information on health topics and your facility and services.
11. Disposable diapers will each come with a unique QR code that Moms (and babies) can scan to get childcare tips, games, songs and medical advice.
12. Urgent Care facilities and Emergency Rooms will have QR codes for instant access to wait times.
13. QR codes in healthcare facilities will let users

download helpful mobile healthcare applications like those that help you control your chronic illness or lose weight.

14. In print advertising for physicians, potential patients will scan the QR code to view the physicians talking about their background, their specialties and their desire to have you as a new patient!
15. Referring patients to facilities or specialty practices will be much easier when patients scan the QR code for the referral and receive information, instructions and directions to the appointment.
16. Healthcare facilities will give out t-shirts and carrying bags promoting their services and the QR codes on them will spread the word to others. (Yes, people will scan each others' t-shirt codes!)
17. Patients taking home holter monitors and CPAPs will be able to scan the QR code on the machine to get a "how-to" video on using it.
18. Patients taking home sample medications from physician offices will have QR codes on the bag to scan to remember how they are to take the samples.
19. Temporary tattoo QR codes will identify those patients who won't wear identifying bracelets, have dementia, or tend to wander away.
20. Hospital patients will scan the menu broadcast on their TV to order their daily meals.
21. If you are going to be late to your doctor's appointment, you will scan a QR code to email an alert to the office that you are on the way. (Wait, maybe that's too easy!)
22. Pharmacies will have QRs loaded with prescription prices by insurance company plan on their website so providers can compare different drugs and chose the best drug for the patient at the best price.

