

QR CODES IN ANESTHESIA PRESENTATIONS

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Introduction: We highlight our integration of QR (Quick Read) codes into anesthesia publications. QR codes increase the ability to disseminate information accurately and rapidly. The user needs a smartphone and an application to access the encoded information.

Method: Denso Wave, a subsidiary of Toyota developed a matrix barcode for fast readability and compactness with a built-in error correction resource and the ability to encode up to 4,296 alphanumeric characters. QR code1 is a registered trademark of Denso Wave who owns the patent rights (US 5726435) but chooses not to exercise them.

Over 85% of resident physicians in ACGME programs used a smartphone in 20112. By incorporating QR codes into our scientific submissions, a pathway is automated for accessing the information presented AND cited, thereby enhancing the reader's experience. Furthermore, the codes can link to websites with video and audio capacity thereby improving the reader's experience beyond words on paper.

Results: We present this poster with QR codes displayed on the publication. With the codes, the reader can access information about the authors, the authors' institution, the references cited, a digital copy of the presentation, further figures not included in the presentation, and video files that could not be presented otherwise.

We believe that utilization of QR codes in academic submissions enhances the product by offering more immediacy and raising the level of participation for the reader.

Conclusion: We feature the adoption of QR code technology into anesthesiology presentations by demonstrating some of the possibilities through this interactive poster.



References

1. <http://www.denso-wave.com/qrcode/qrcodefeature-e.html> goo.gl/XKCmi



2. Franko OI, Tirrell TF. Smartphone App Use Among Medical Providers in ACGME Training Programs. *J Med Syst.* 2011 Nov 4. [Epub ahead of print] <http://www.ncbi.nlm.nih.gov/pubmed/22052129> goo.gl/UNVui

