

## 00148 Innovative Interactive Exhibits at Lkc Medicine Anatomy Museum Arc Using Mobile Digital Technologies

*Ng Chee-hon, SR Mogali, R Vallabhajosyula, Lim MS*

Nanyang Technological University

**Aims:** The LKC Medicine Anatomy department has the kind generous donation of anatomical pathology collection from the Imperial College London. These have been organized, catalogued and the space designated for permanent museum display at the CSB, LKC Medicine Novena campus. The concept of anatomy museum continues to evolve today. In this brand new anatomy museum, we have implemented mobile digital technology to enable a more interactive, more visual experience for the visitor and the student.

**Methodology:** QR code are tagged to all the potted specimens. Common generic reader app enabled the display of the potted specimen description, annotations and clinical history drawn from the original curator of specimens from Imperial College visible on iPad, iPhone and Android phones of visitors. The reader app also enabled beta version of augmented reality. The specimen rotates to give a sense of three - dimensional visualization.

**Result:** All 189 re - potted specimens are QR coded. QR coding saves physical space. QR code enables reorganization of exhibit and space use for future. QR code also allows new addition and modification of content. Our initial experience has been positive.

**Conclusion:** QR code and mobile apps have been used in Art Museums, billboards, advertisements and walking trails in public spaces. More recently, it has been used in the Singapore Museums. We implemented mobile digital technologies in a new Anatomy museum at LKC Faculty of Medicine in the same vein and drive to improve visitor's and student's experience of Anatomy.

### References

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