



# Introduction to Intelligent Healthcare

## Workshop

Albert C. Yang, M.D., Ph.D.

Institutes of Brain Science/Digital Medicine Center  
National Yang-Ming University

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[accyang@gmail.com](mailto:accyang@gmail.com)

# Objectives

- Matlab installation
- Matlab environment
- Read Chest X-Ray DICOM files
  - two chest x-ray images from RSNA 2018 Challenge

# Free Online DICOM Viewer

- <https://www.imaios.com/en/Imaios-Dicom-Viewer>

# Matlab Functions

- dicomread
- imshow

# Matlab Functions

- `xray=dicomread('0a5a6574-d94d-441f-afe4-115ba66b322e.dcm');`

# Matlab Functions

- `imshow(xray);`

