

## 陽明3T MRI參觀 A Course of MRI

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## 陽明大學(圖資大樓B2)3T磁振造影掃描儀

- SIEMENS MAGNETOM 3T Trio, A Tim system



<http://www.ym.edu.tw/~cflu>

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2

12-channel head coil with mirror for video/visual stimuli



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3

Setup of head coil and laser localizer



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4

Setup of large flex coil for shoulder imaging



Setup of flex coil for knee joint imaging



## 硬體介紹





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9

large flex coil



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10



Press to stop alarm (from alarm ball)

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11

方波每兩個TR送一次·尖波每個TR送一個(不需接放大器)·fMRI同步使用



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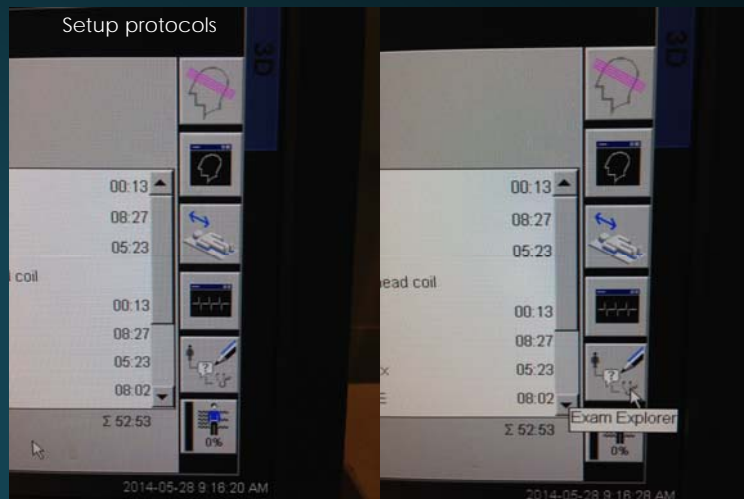
12

### Monitoring system

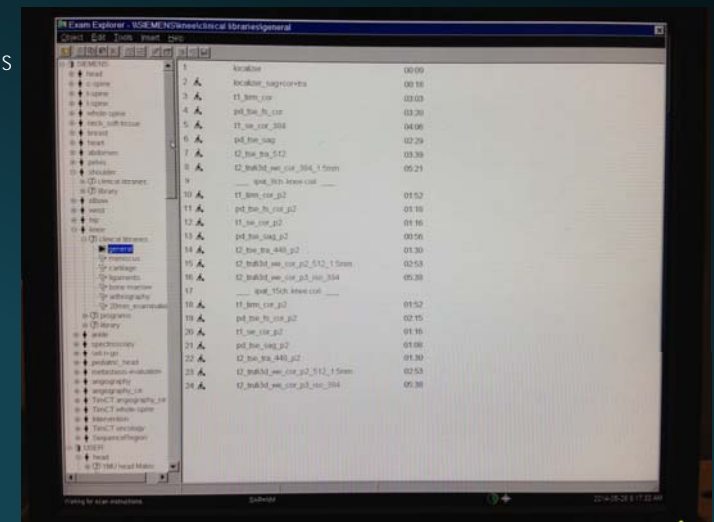


## 機台操作

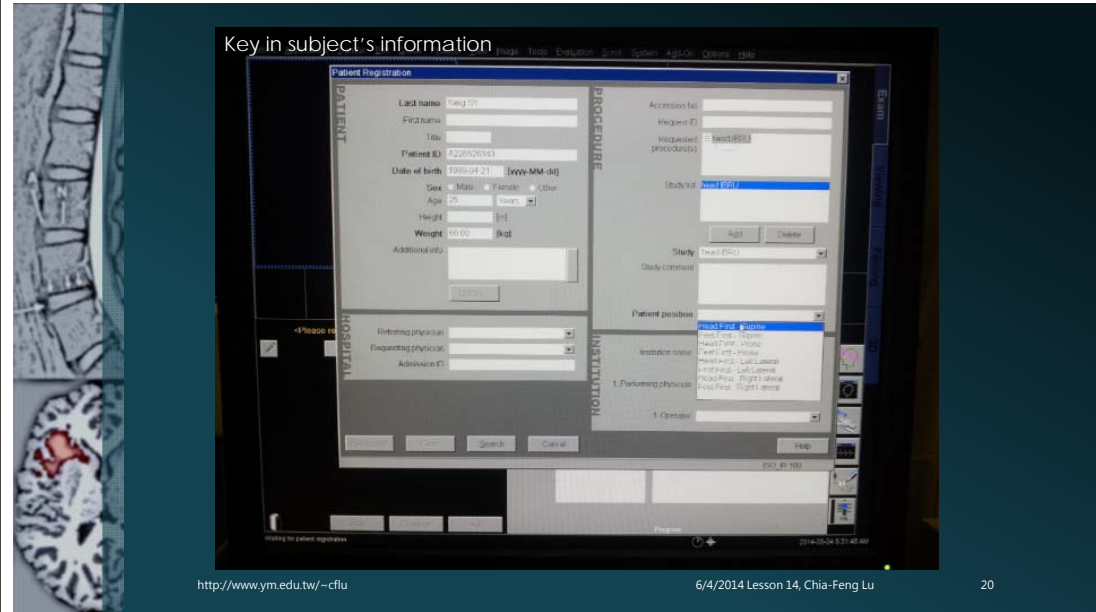
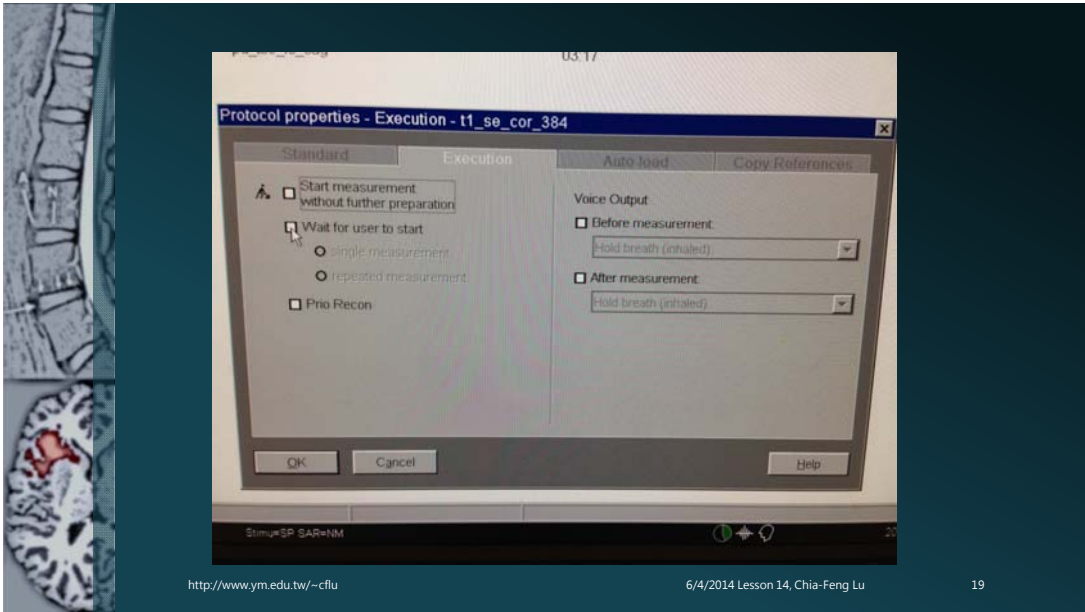
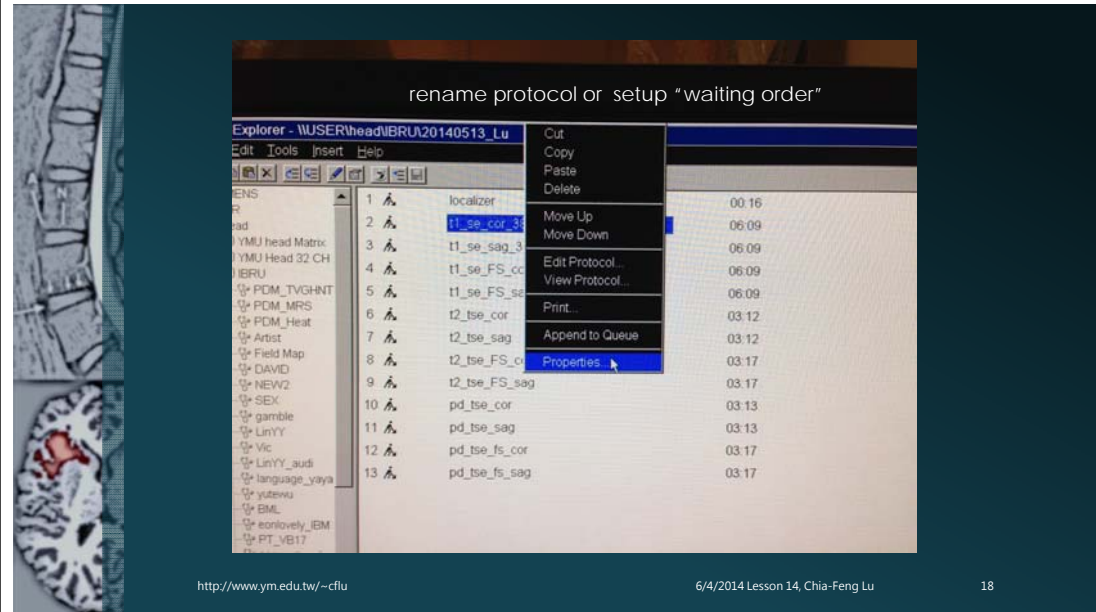
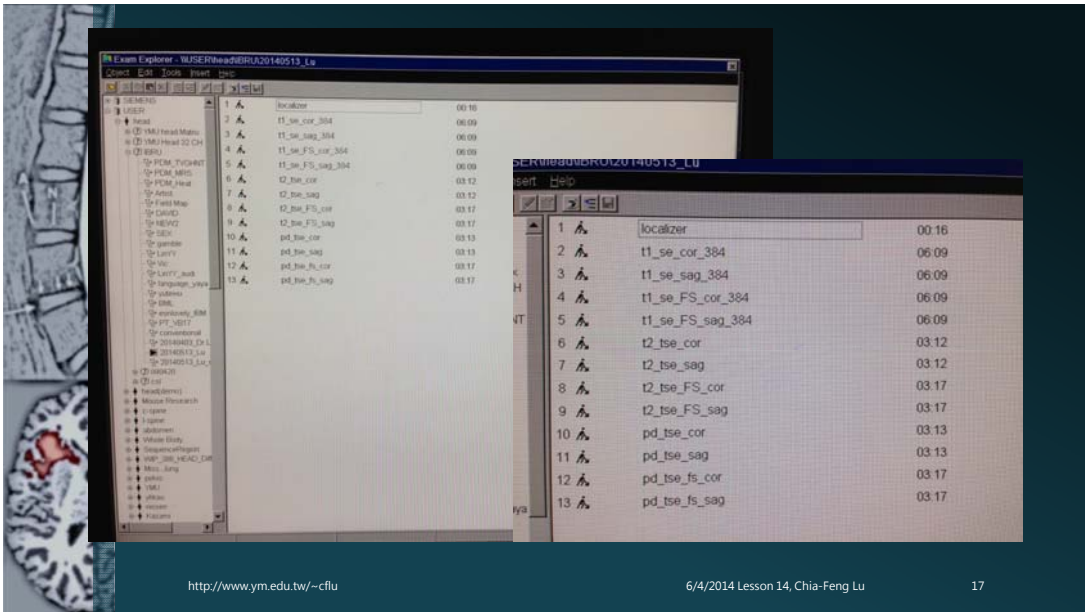
### Setup protocols

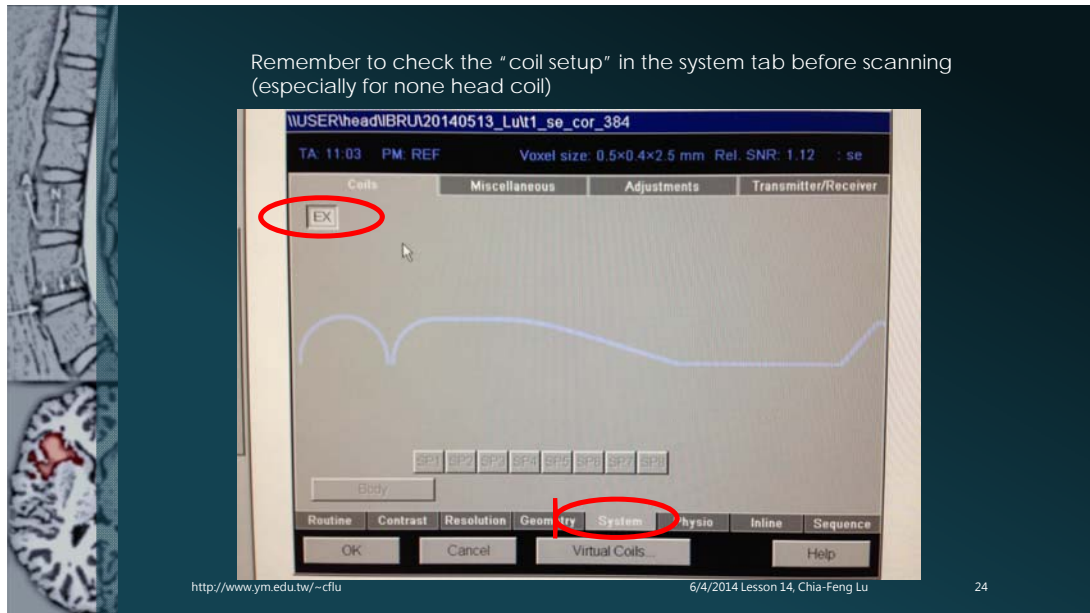
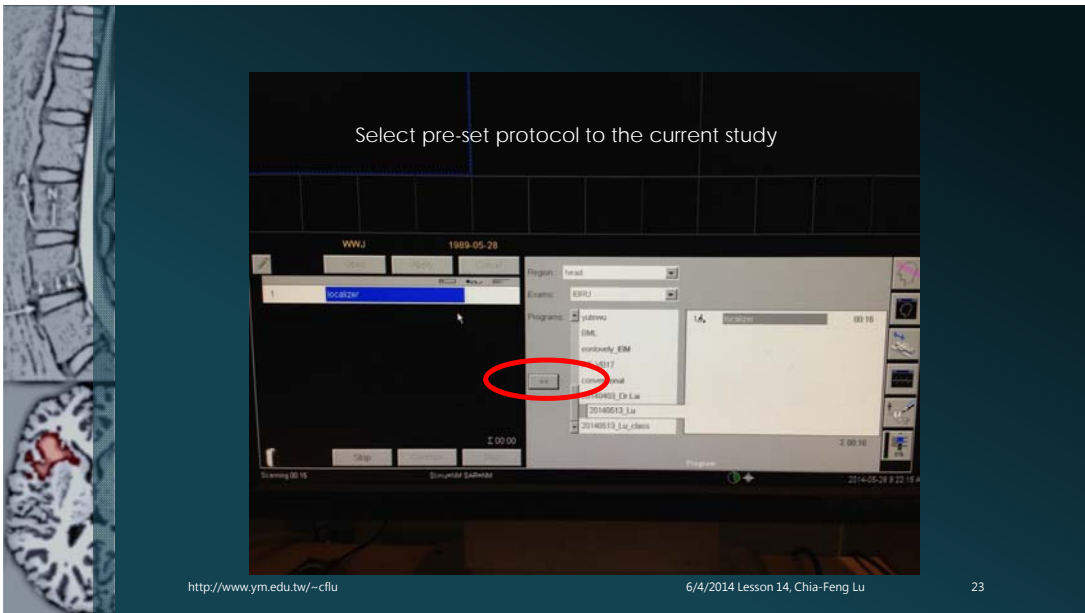
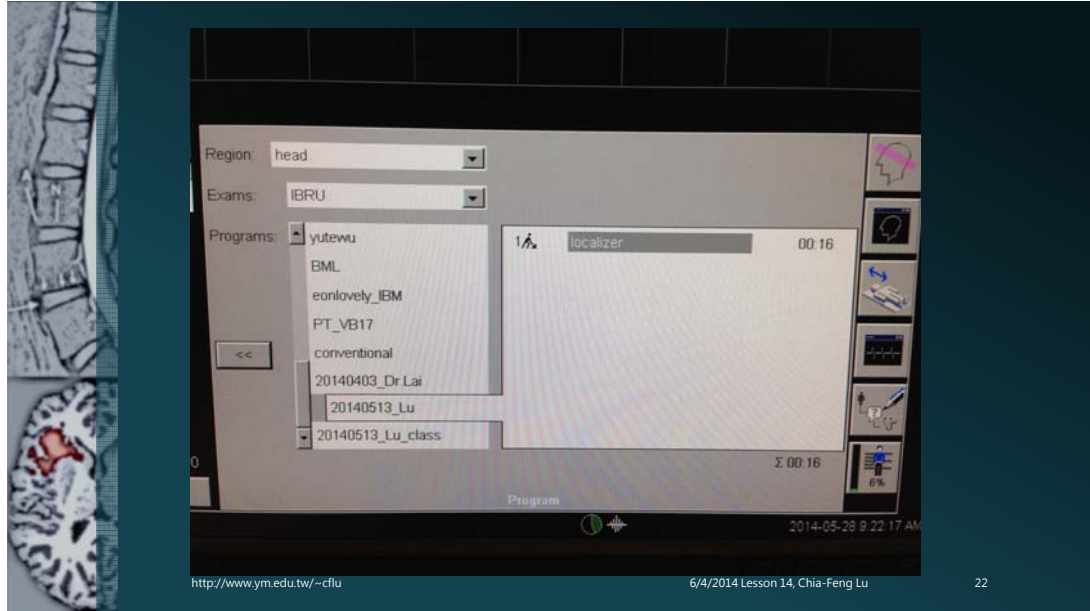
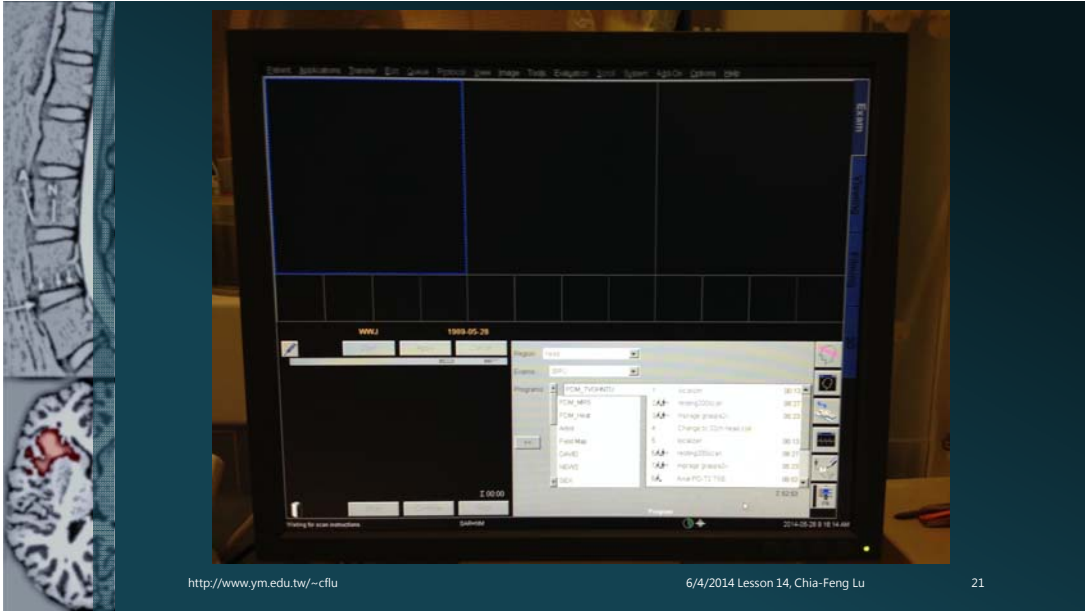


### SIEMENS



### USER

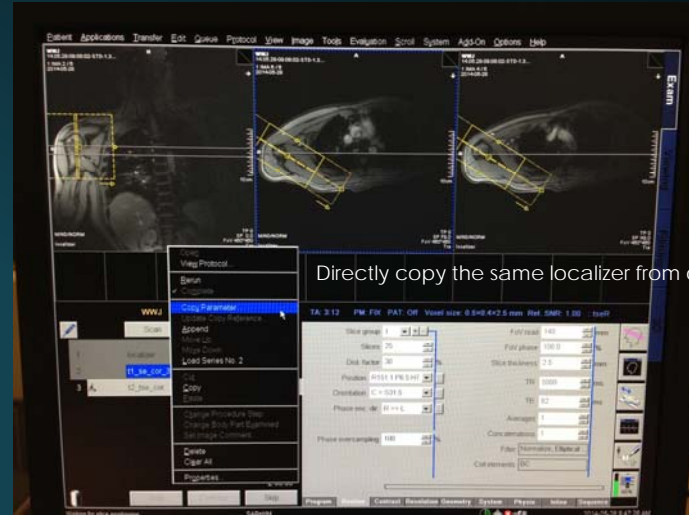






<http://www.ym.edu.tw/~cfu>

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Directly copy the same localizer from other scans

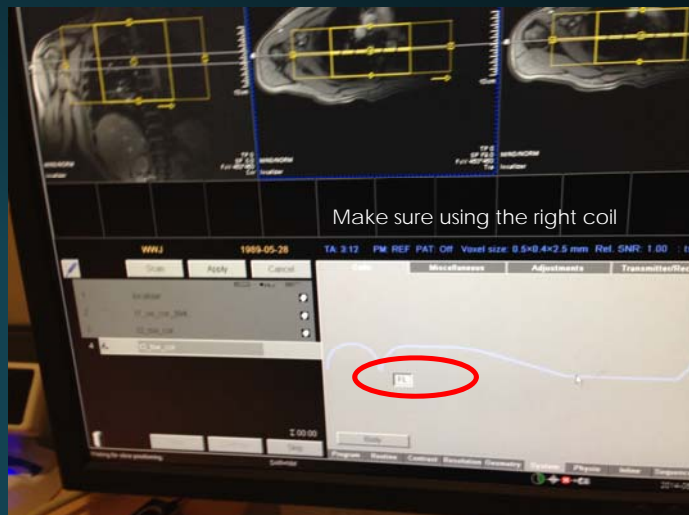
<http://www.ym.edu.tw/~cfu>

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<http://www.ym.edu.tw/~cfu>

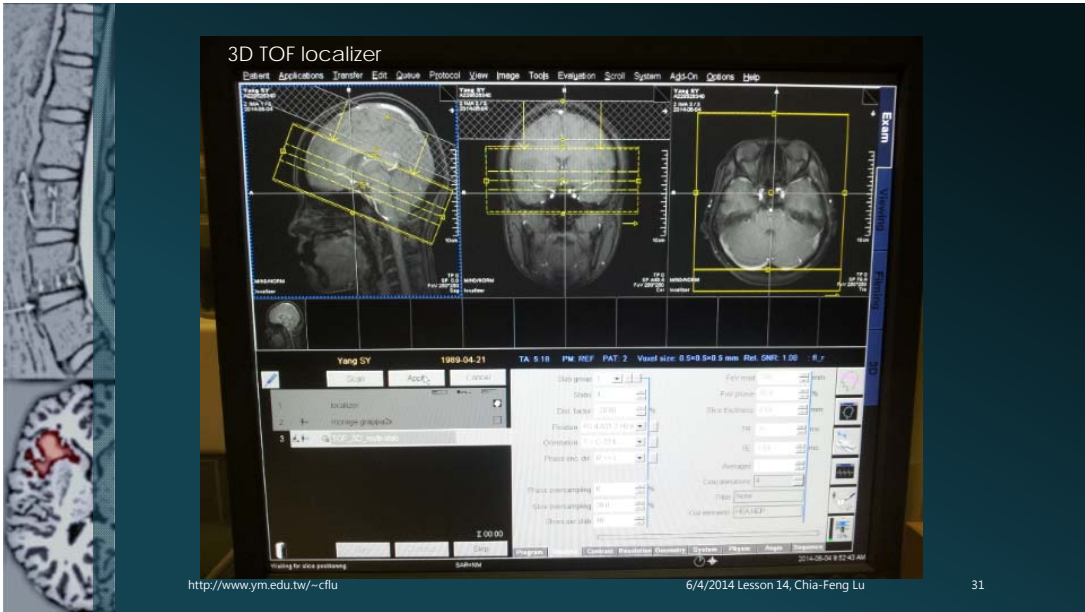
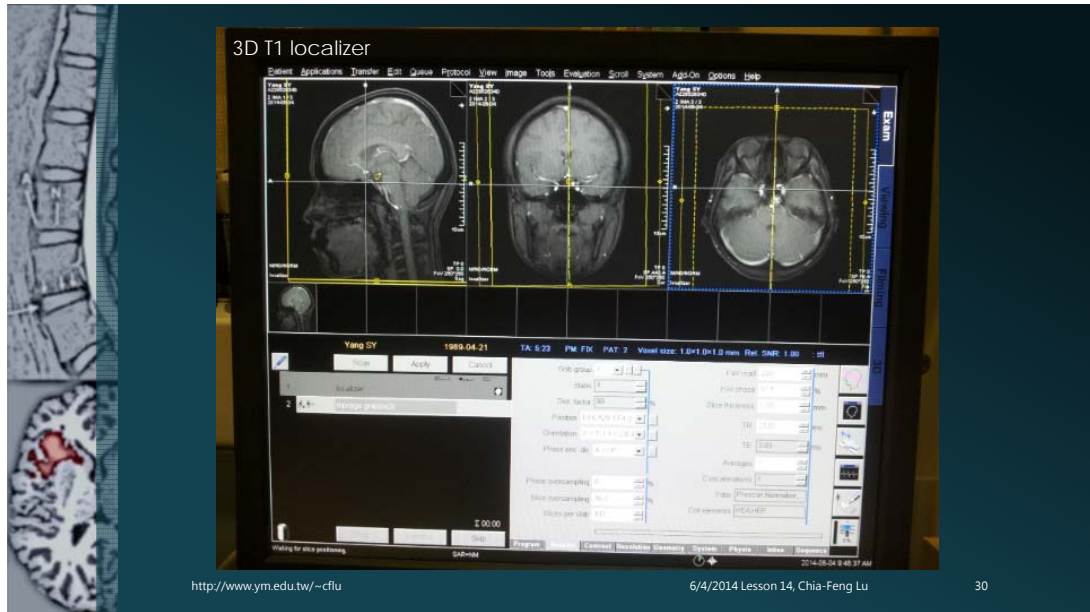
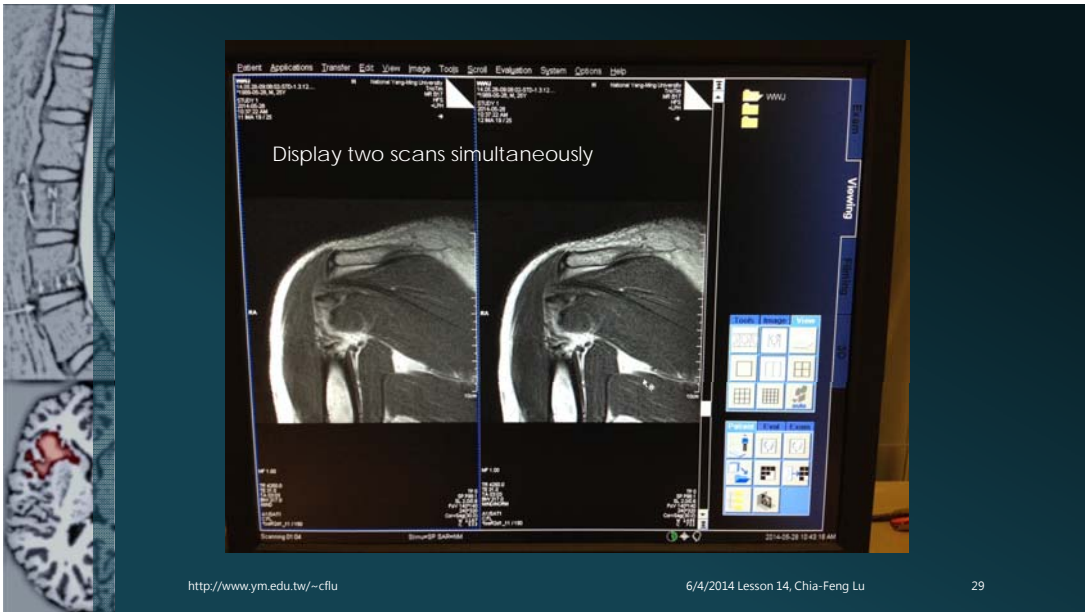
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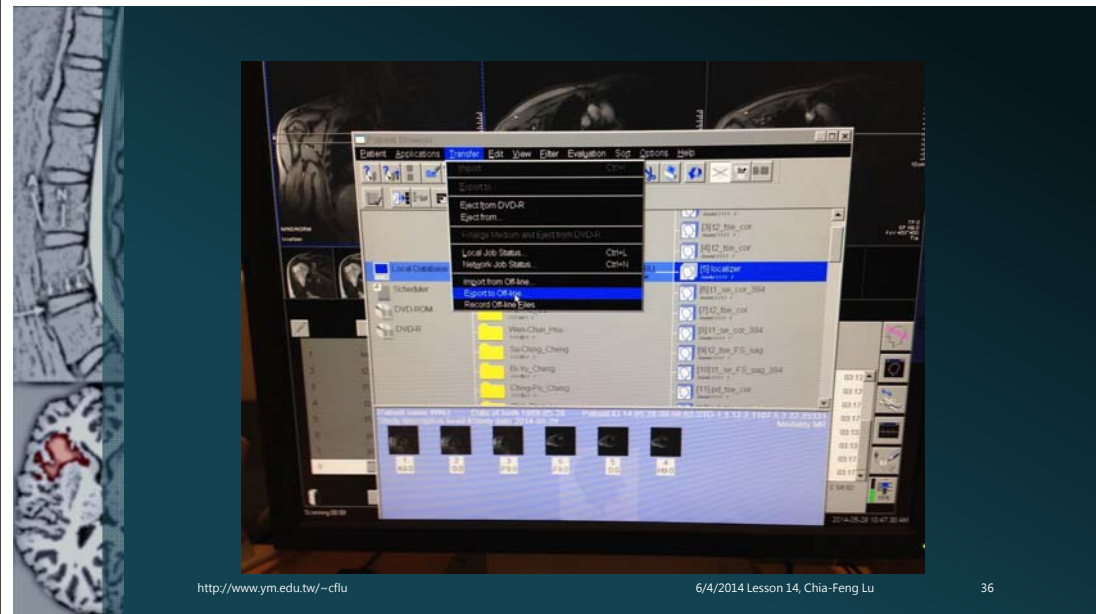
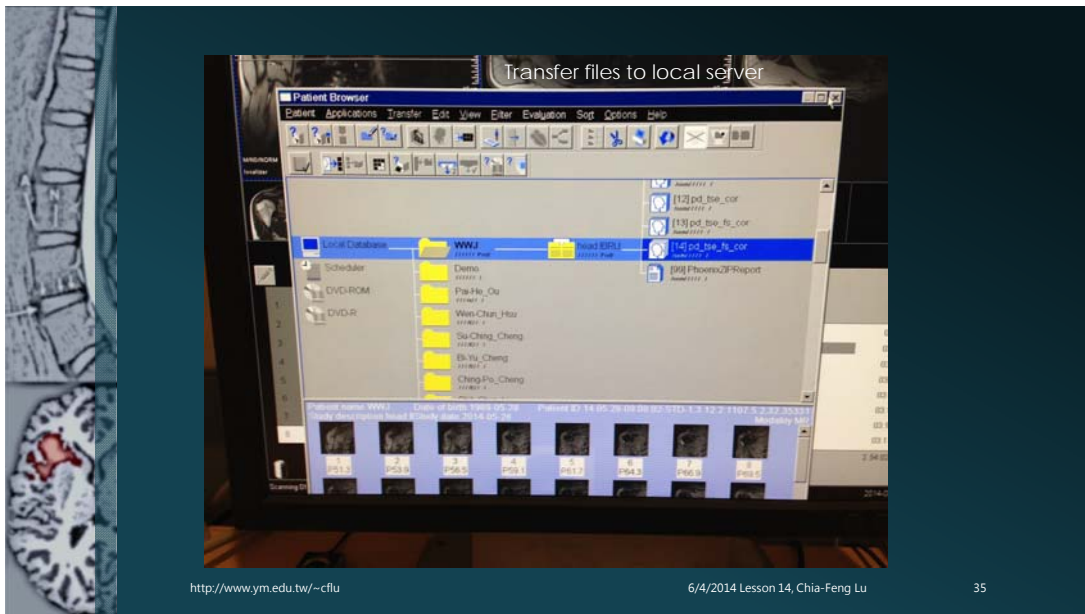
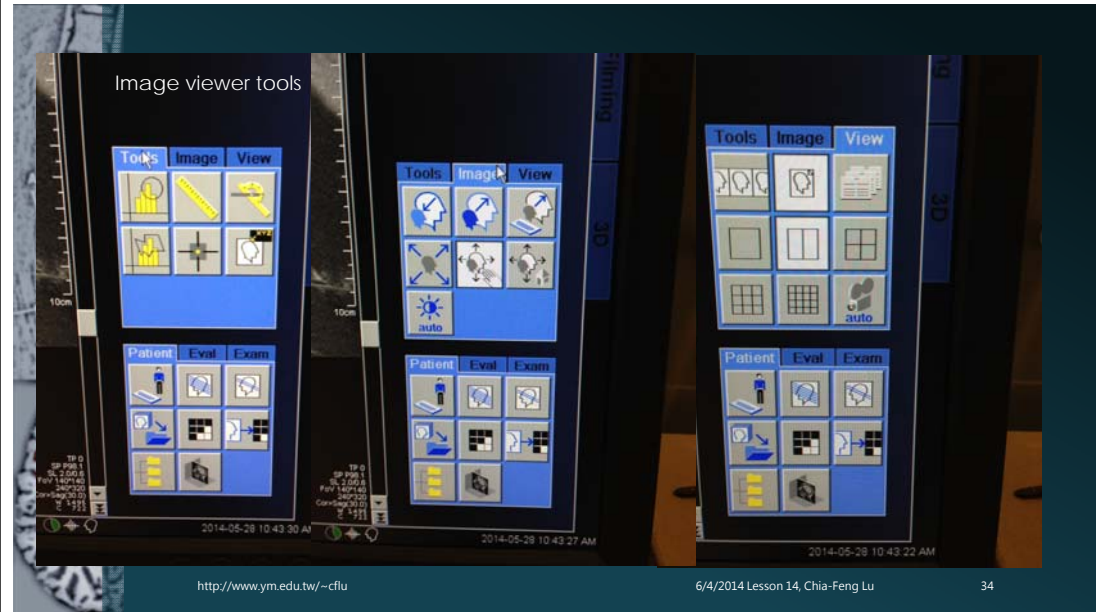
Make sure using the right coil

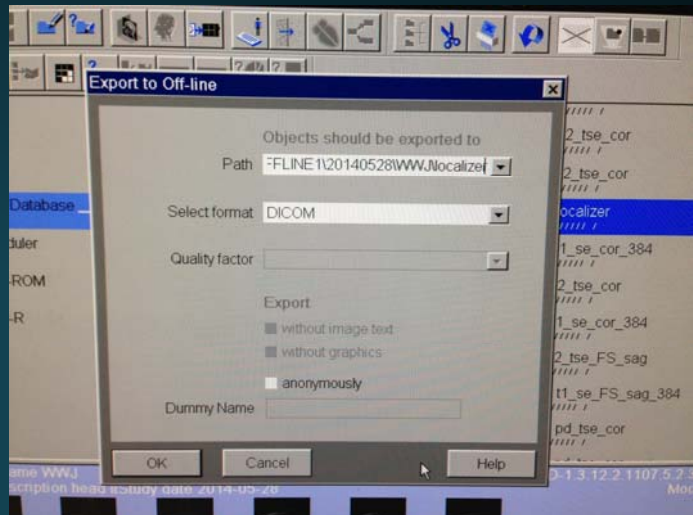
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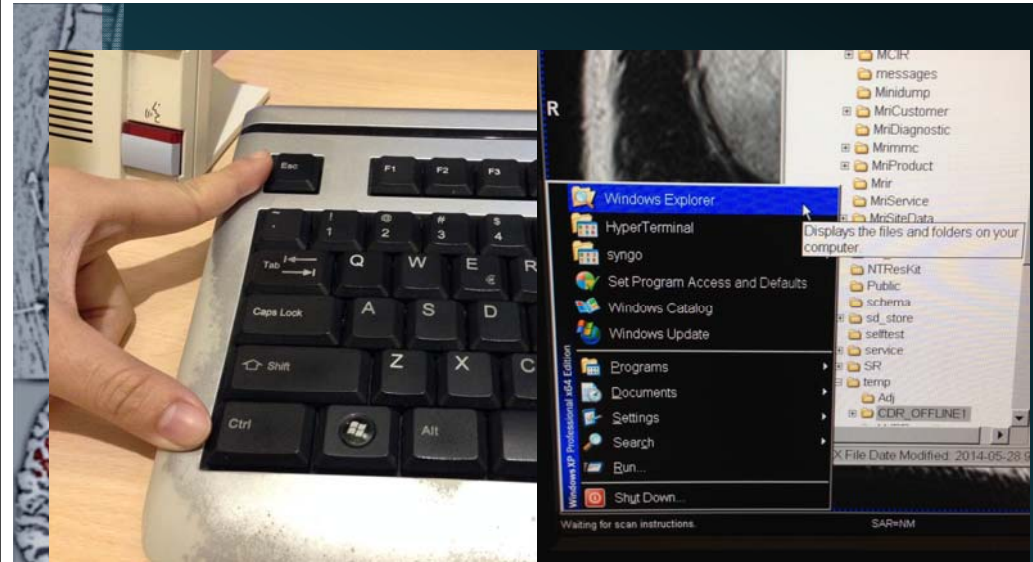






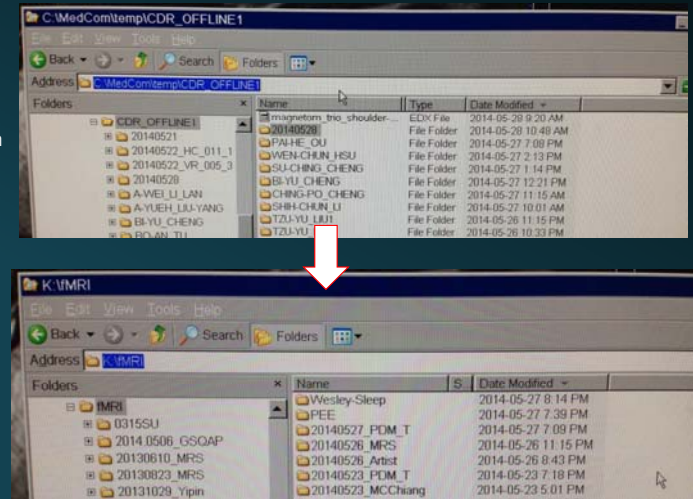
<http://www.ym.edu.tw/~cfu>

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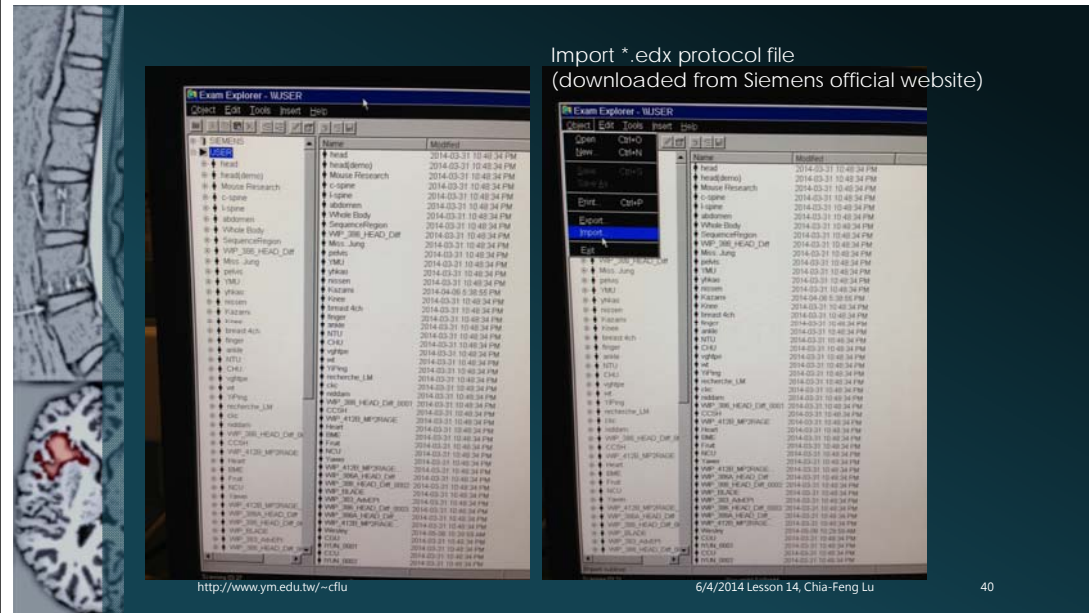


station

Local server

<http://www.ym.edu.tw/~cfu>

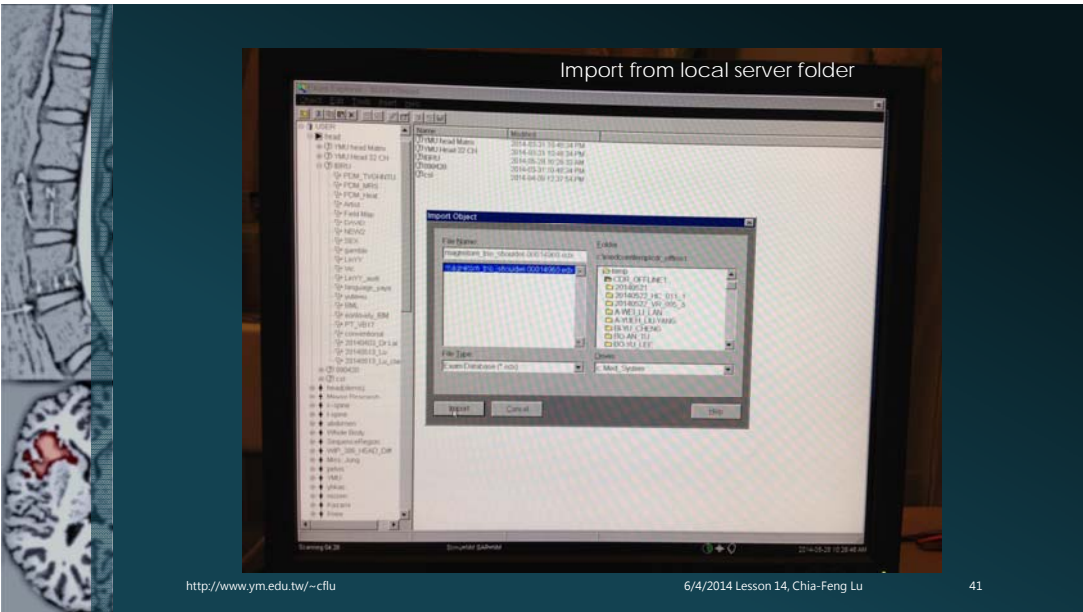
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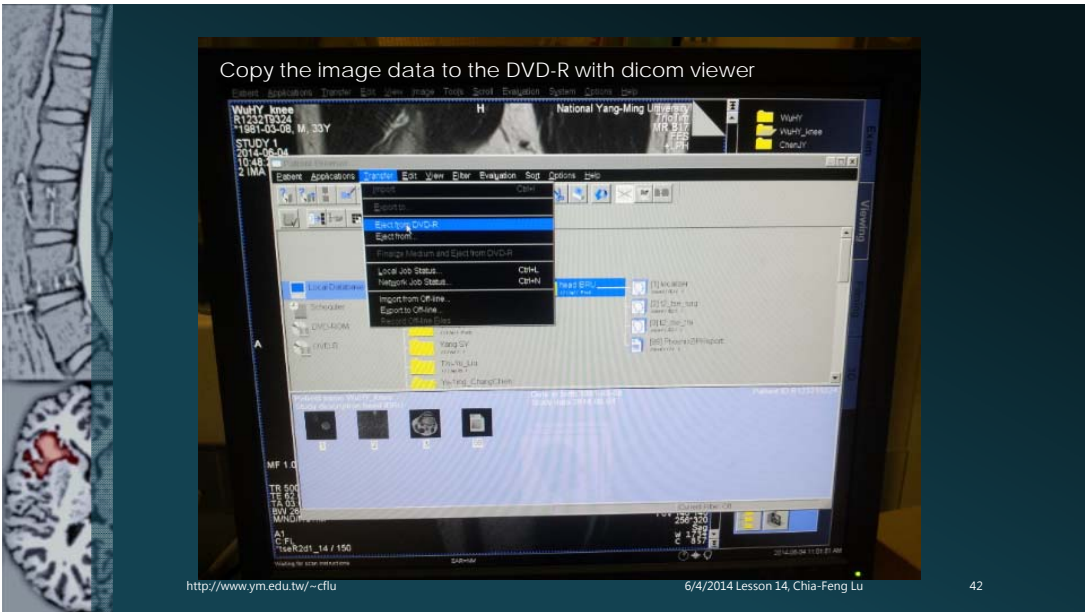
Import \*.edx protocol file  
(downloaded from Siemens official website)

<http://www.ym.edu.tw/~cfu>

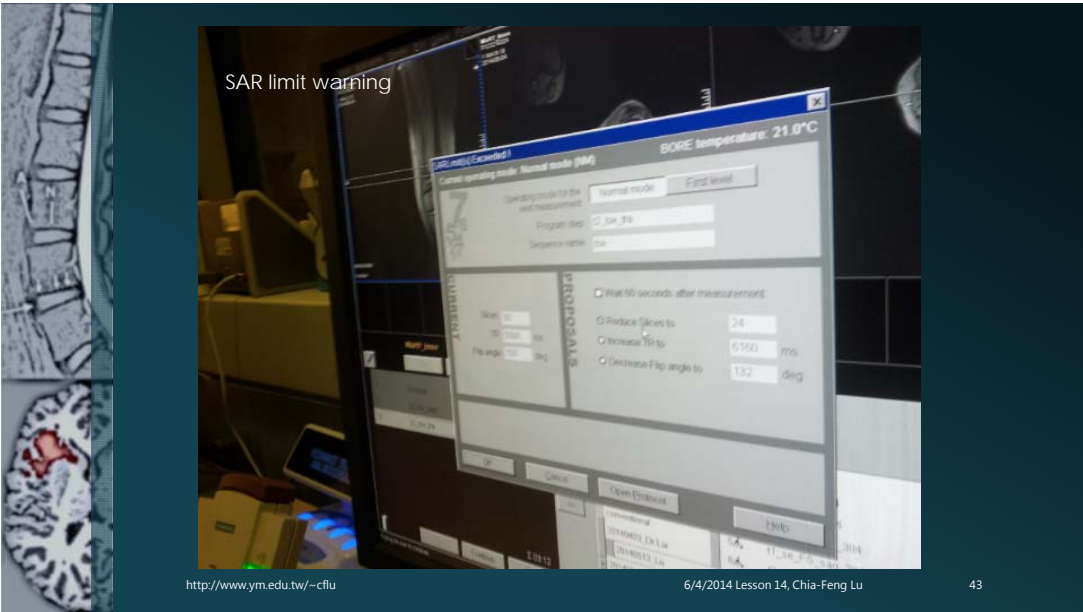
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Import from local server folder



Copy the image data to the DVD-R with dicom viewer



SAR limit warning



THE END

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