

Introduction to the video of prototype system demonstration

for lightweight accessing of Sectional Medical Images from *hospital Intranet* by Internet users

The final high quality image of MPR and MIPs was accessed by remote rendering, the interactions of *Slave* model, window-levelling and dimension measurement were run on the client side.

Detail:

- (1) First loading
 - i. Open the application 00:00:07
 - ii. Enter the ID number of PACS, wait the *Slave* model loading 00:00:12
- (2) Interactive behavior
 - i. MPR browsing: *Slave* model interaction and requesting the remote rendering 00:00:21
 - ii. Window adjustment on the local client side 00:00:41
 - iii. MPR browsing: *Slave* model interaction and requesting the remote rendering 00:00:49
 - iv. MIP browsing: setting the MIP interval area on the *Slave* model and requesting the remote rendering 00:00:58
 - v. Window adjustment on the local client side 00:01:19
 - vi. Dimension measurement on the local client side 00:01:28