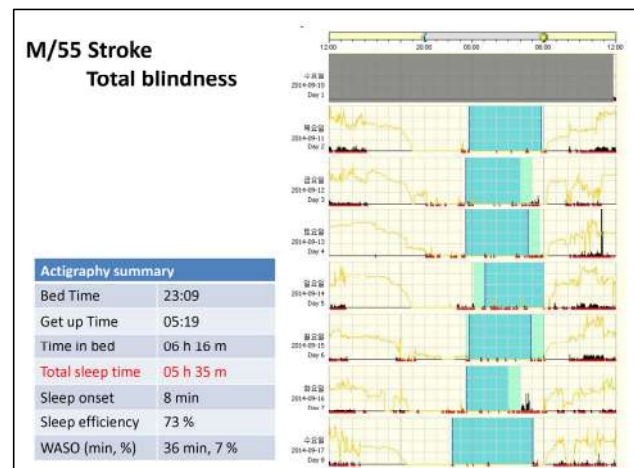
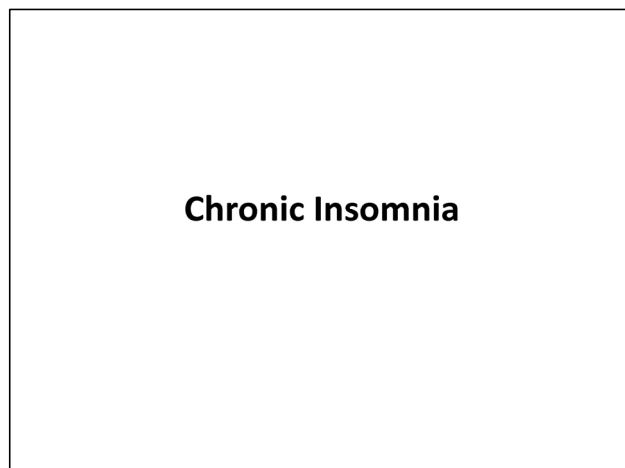
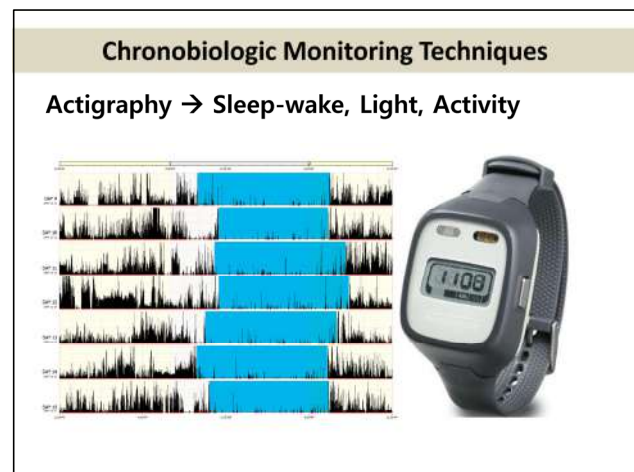
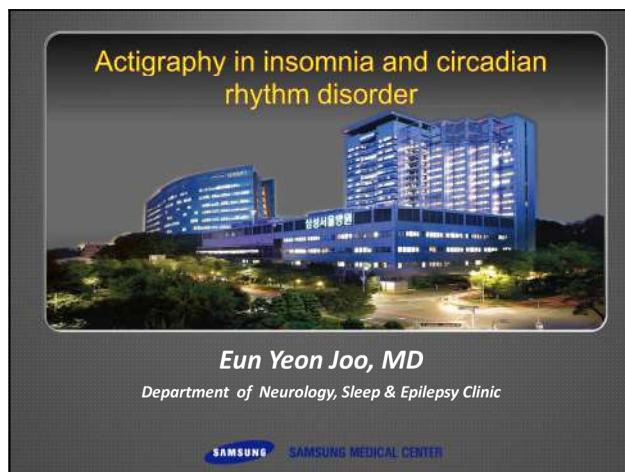
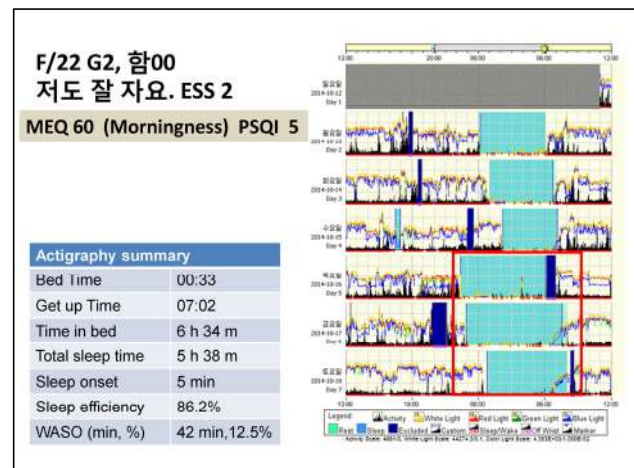
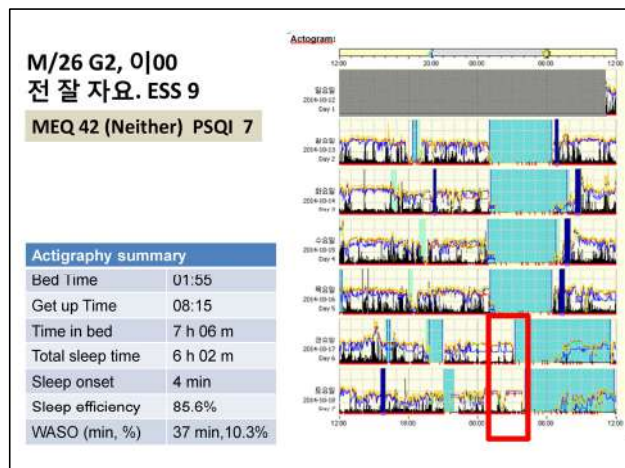
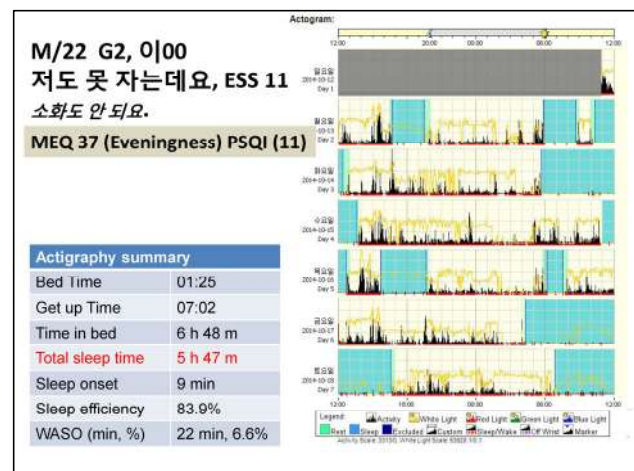
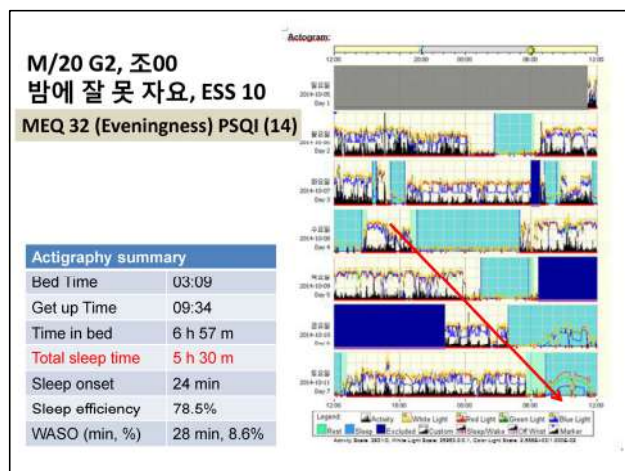
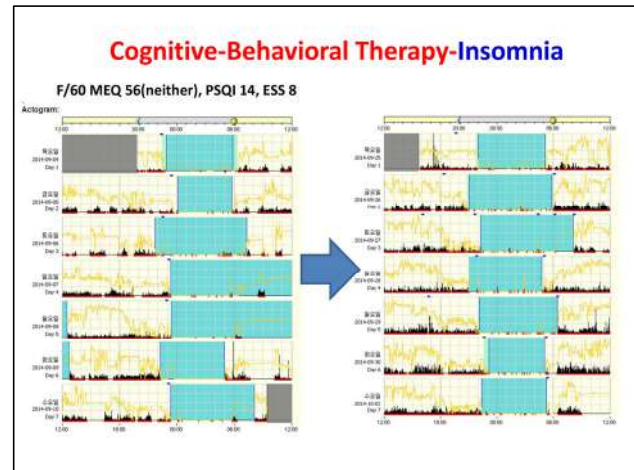
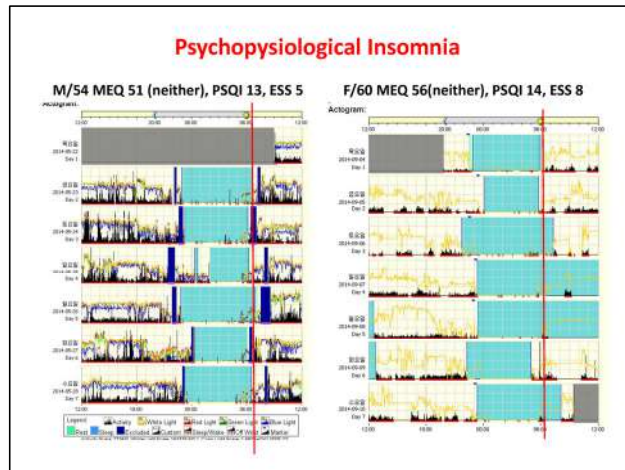


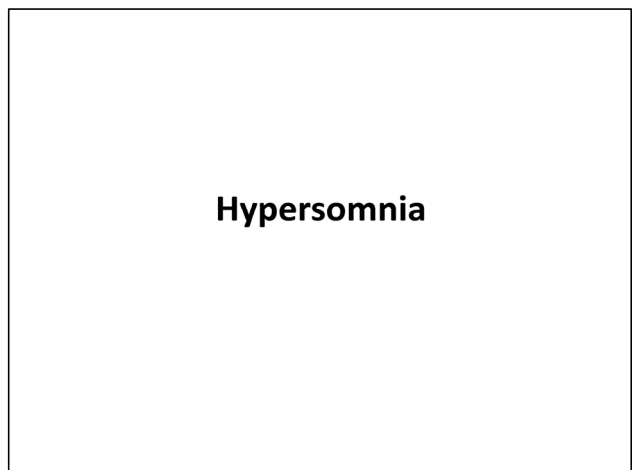
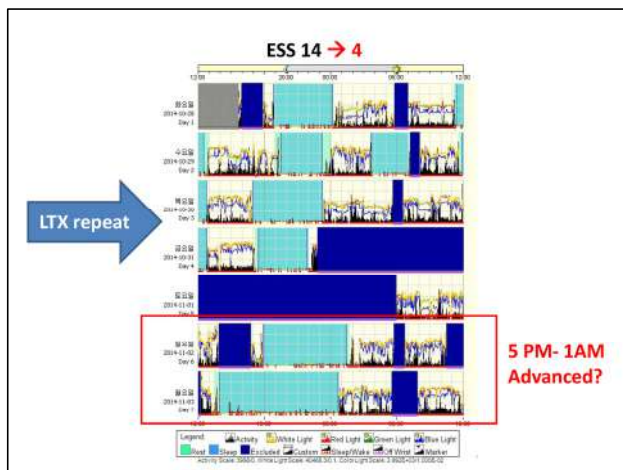
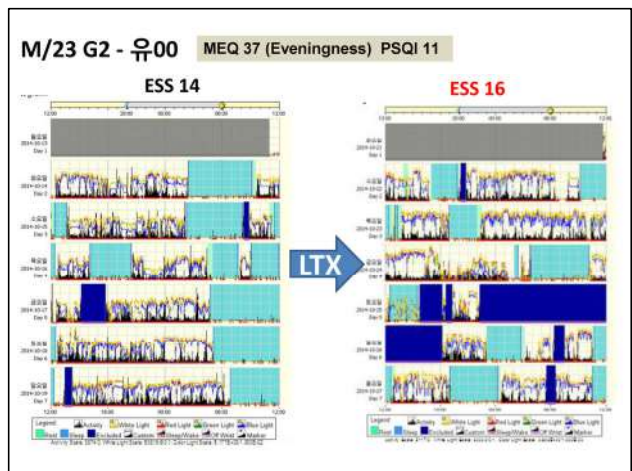
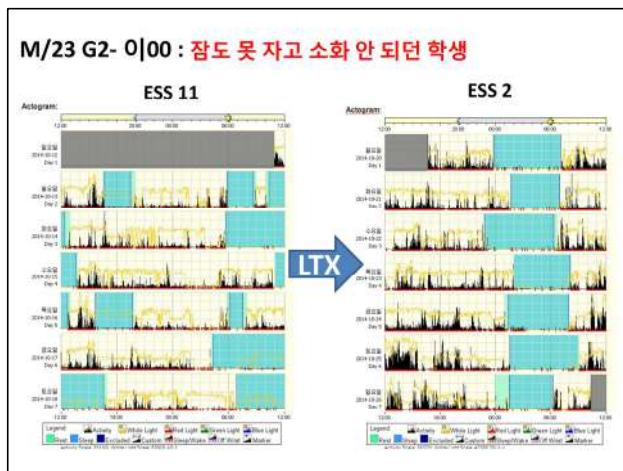
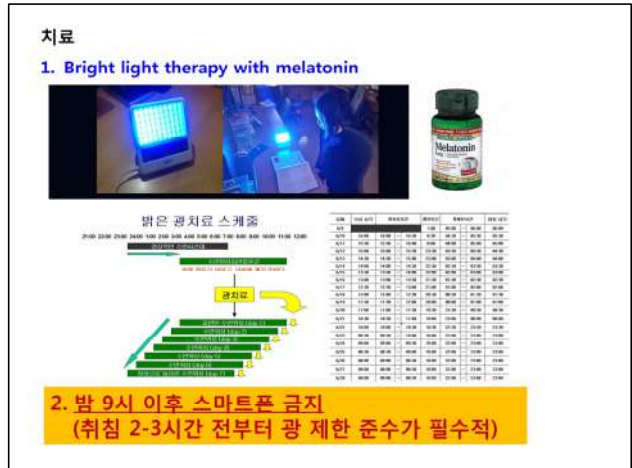
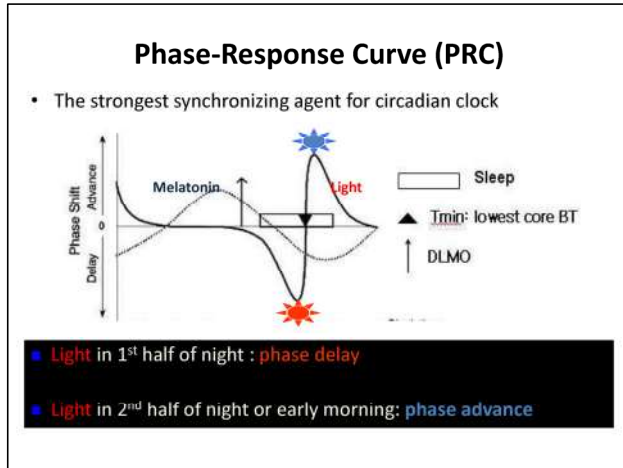
# Actigraphy in insomnia and circadian rhythm disorder



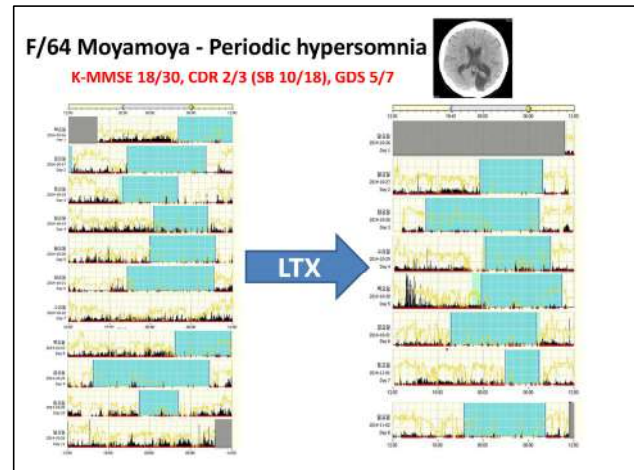
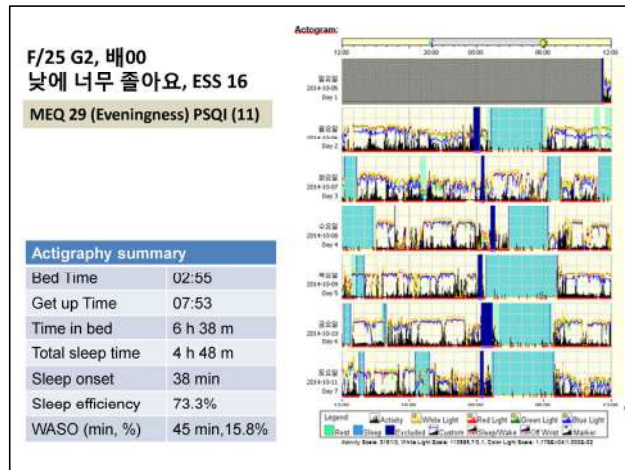
주 은 연  
삼성서울병원



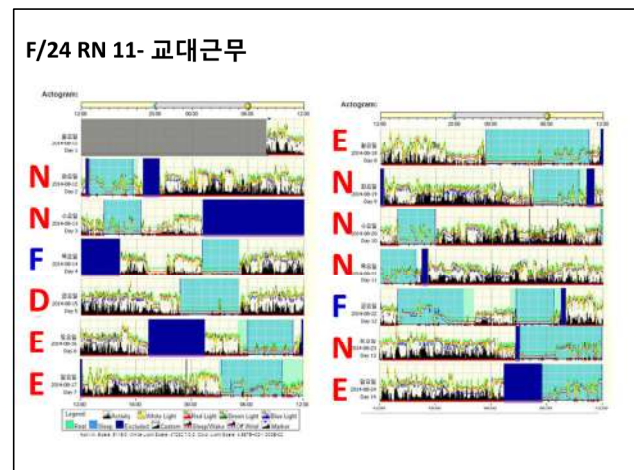
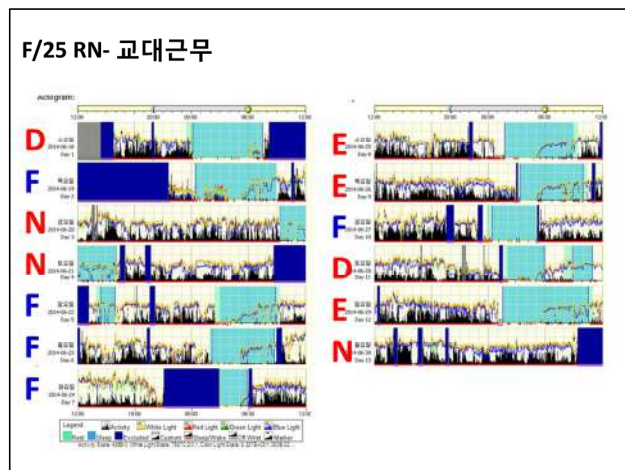
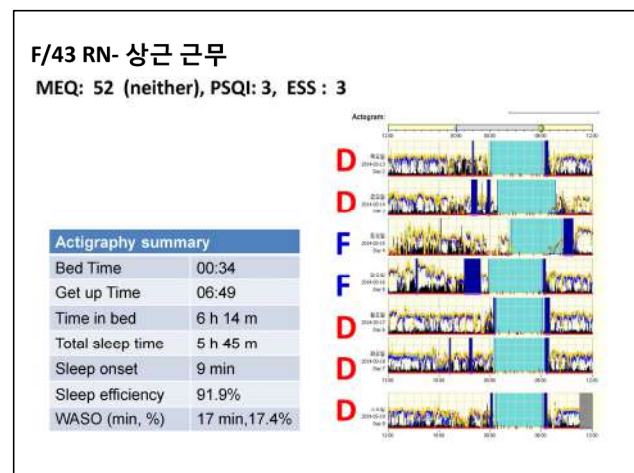




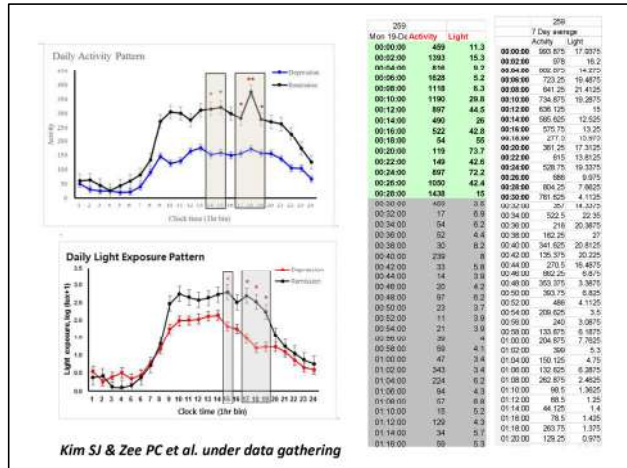




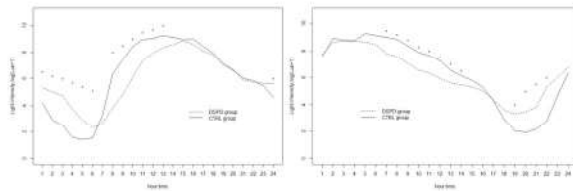
## Shift Work Sleep-Wake Disorder



## 엑티그래피를 이용한 연구



Twenty-four-hour light exposure averaged in 1-hour bins, and presented in relation to clock time (A) and time since wake (B). \* $P < 0.05$  after adjusting for age, gender, total sleep time, and seasonal variation



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