

Poster ME-1

Perceiving green vs. non-green related objects; A study with fMRI

윤효운¹ · 한창환² · 임동미¹ · 조은미¹ · 박현욱¹

¹한국과학기술원 뇌과학연구소 fMRI연구실, ²한림대학교 강동성심병원 신경정신과

목적 : We had hypothesized that the perceiving green related (more natural like forest, woods etc.) objects causes more emotional cue or salience than non-green related objects.

대상 및 방법 : Six subjects participated the study. We used a classical block or box car design for the fMRI experiment. Six green related and six non-green related pictures were presented 2 sec each as one block. As baseline T and ⊥ shapes were presented in the same fashion as one block.

결과 : In the green minus non-green related condition we saw more activation in frontal and temporal lobe, especially BA 6. This area is, according to former research, involved in cognitive function like mental or physical imagery.

결론 : According to our result we might say that the green related stimuli or objects for the human being can give more possibilities to recall some emotional cues.