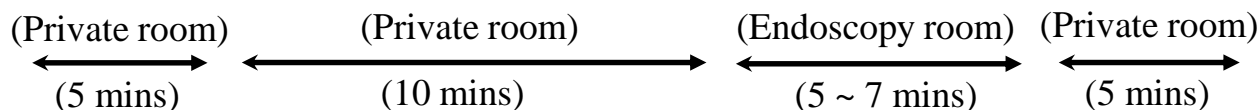


Protocol

Single-blind, prospective, randomized controlled trial.

Total enrolled subjects

- Control group : subjects sitting on the sofa
- Audio group : subjects sitting on the sofa while listening to music
- Visual group : subjects sitting on the sofa while watching a silent natural image
- Combination group : subjects sitting on the sofa and watching a natural image while listening to music



	(Private room) (5 mins)	(Private room) (10 mins)	(Endoscopy room) (5 ~ 7 mins)	(Private room) (5 mins)
• Control group	Rest	Rest	EGD	Rest
• Audio group	Rest	Distraction (music)	EGD	Rest
• Visual group	Rest	Distraction (image)	EGD	Rest
• Combination group	Rest	Distraction (music and image)	EGD	Rest

Outcome

- The primary outcome
- Psychological factor (POMS, Impression of EGD)
 - Acceptance of distraction
- The secondary outcome
- Vital sign (PR, BP)
 - HRV (HF power, LF power/HF power)

(Survey components)

Vital sign (PR, BP)	○		○ ○ ○	○
HRV (HF, LF power)	○		○ ○ ○	○
POMS	○		○	
Impression for EGD	○		○	
Acceptance of distraction				○