



Demographic Factors that Influence Understanding of Clinical Trials and Research Ethics

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How to collect Data



- **Subject : DCUMC patients and caregiver**
 - 370 samples → 339 samples analysed
 - simple random sampling

- **Questionnaire : 20 items**
 - demographic characteristics – 5 items
 - understanding of clinical trial – 11 items
 - understanding of IRB concept – 4 items

Background & Purpose

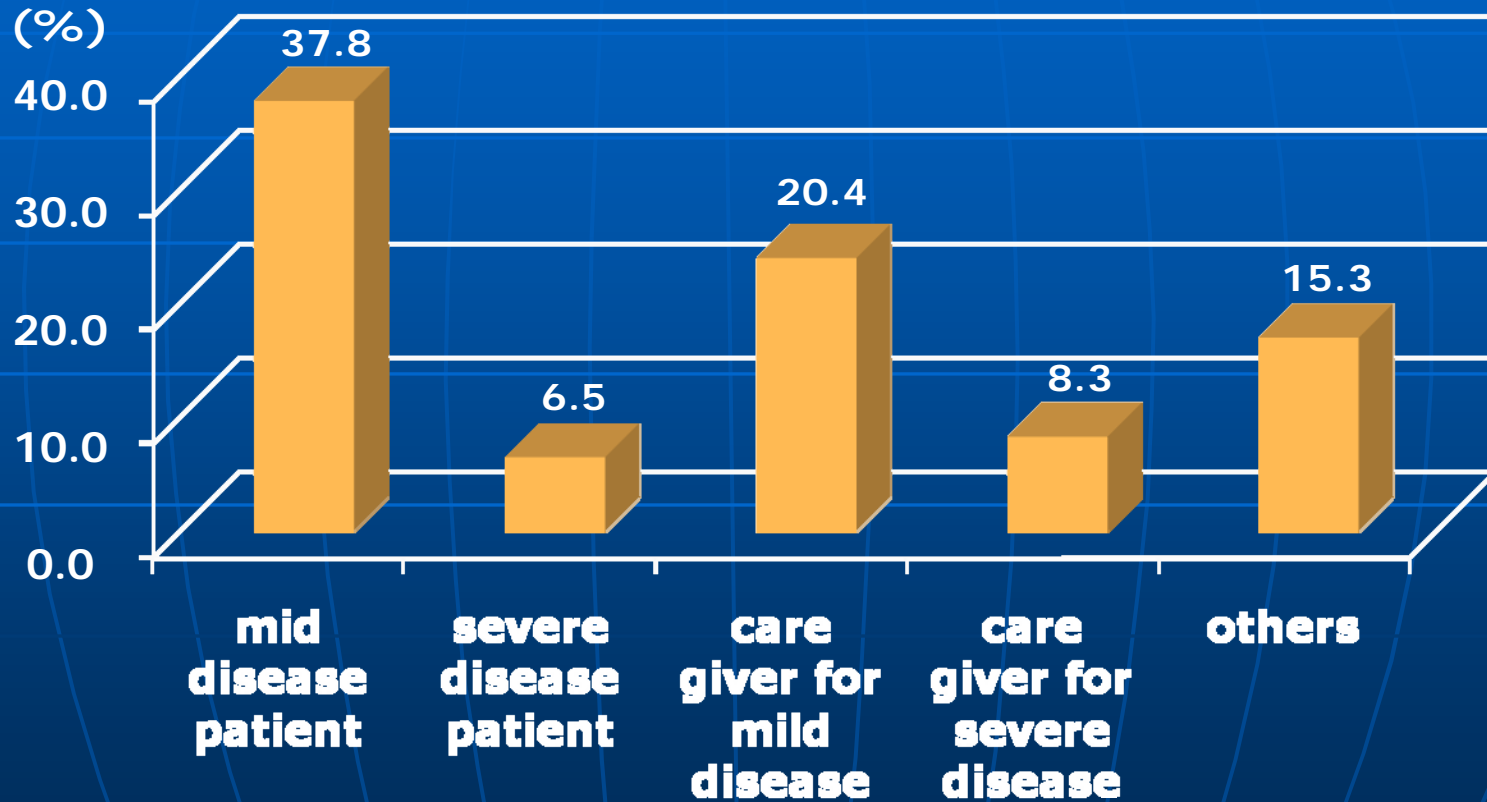


- Since 2000, clinical trial has been so active
in Korea
 - 9 regional clinical trial centers
 - Awareness of clinical trial and IRB is increasing
 - Need to know and understand clinical trial and
IRB more extensively
- ➔ **Survey to investigate different views
in relation to demographic factors**

Demographic Characteristics



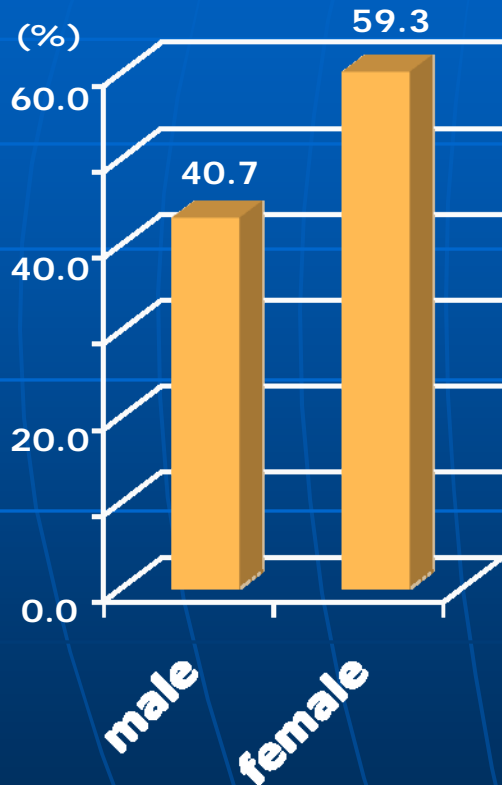
Subject



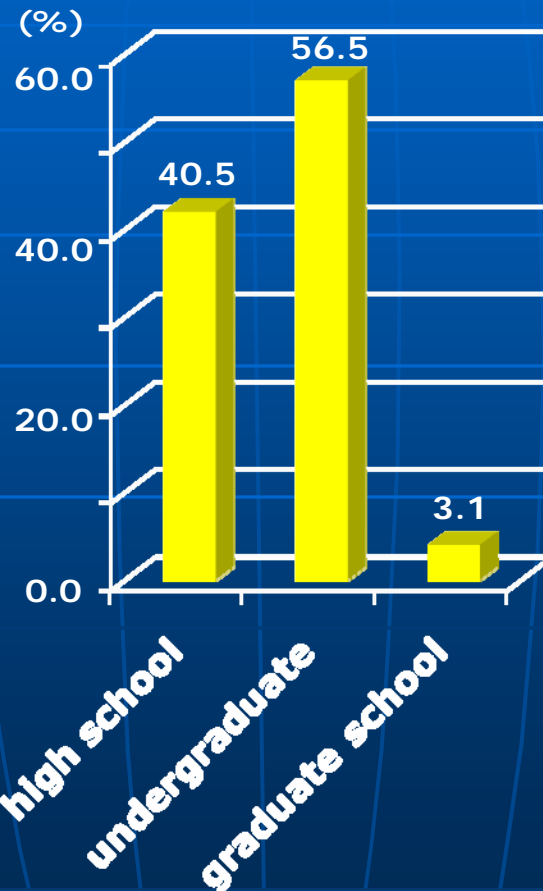
Demographic Characteristics



Gender



Education level



Economic status



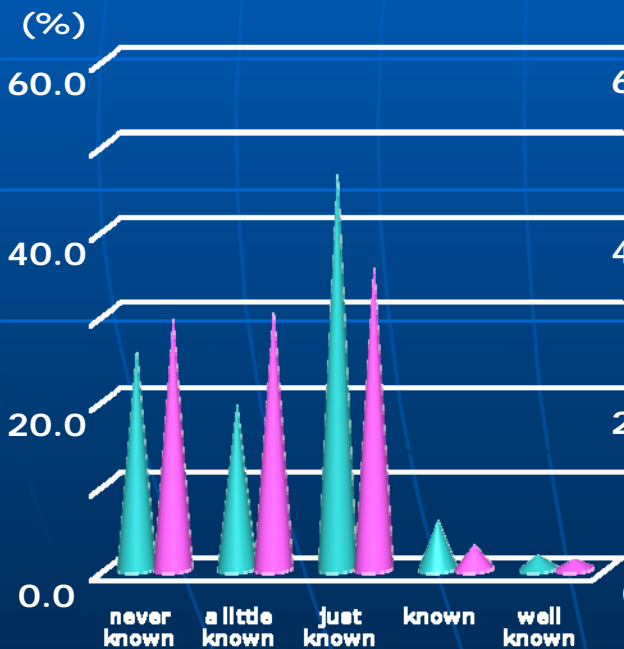
Understanding of Clinical Trial



Q : How much do you know?

Gender

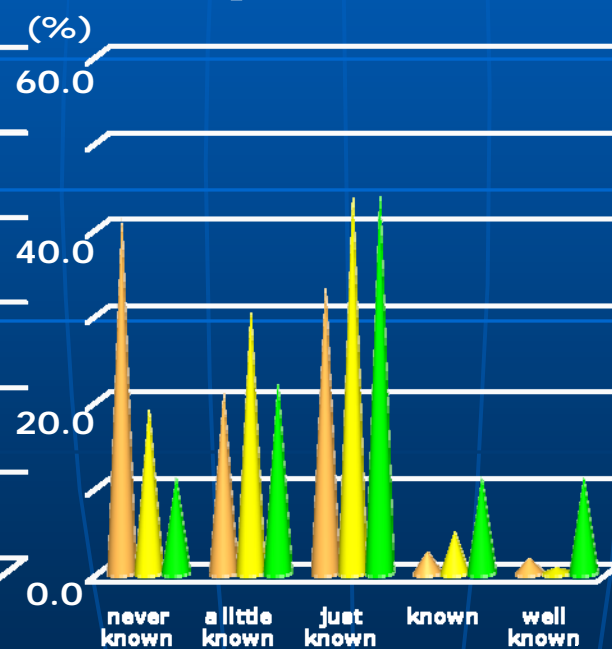
■ male ■ female



p : 0.097

Education level

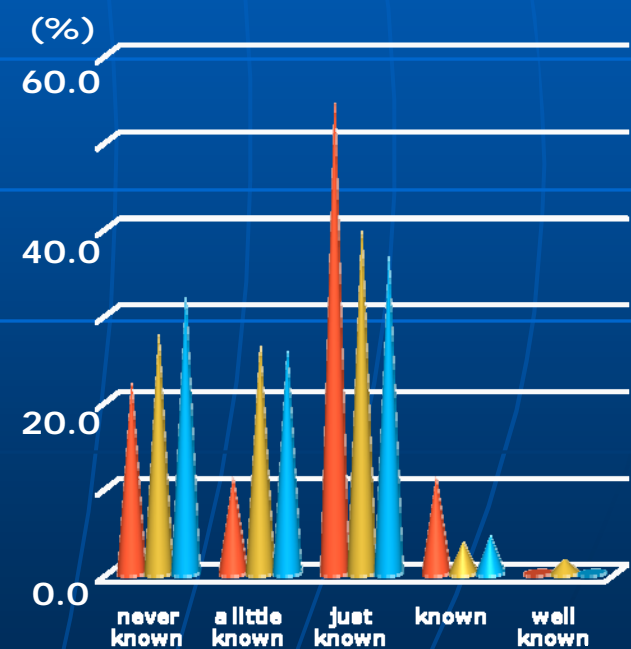
■ high school
■ undergraduate
■ graduate school



p : 0.001

Economic status

■ high ■ middle ■ low



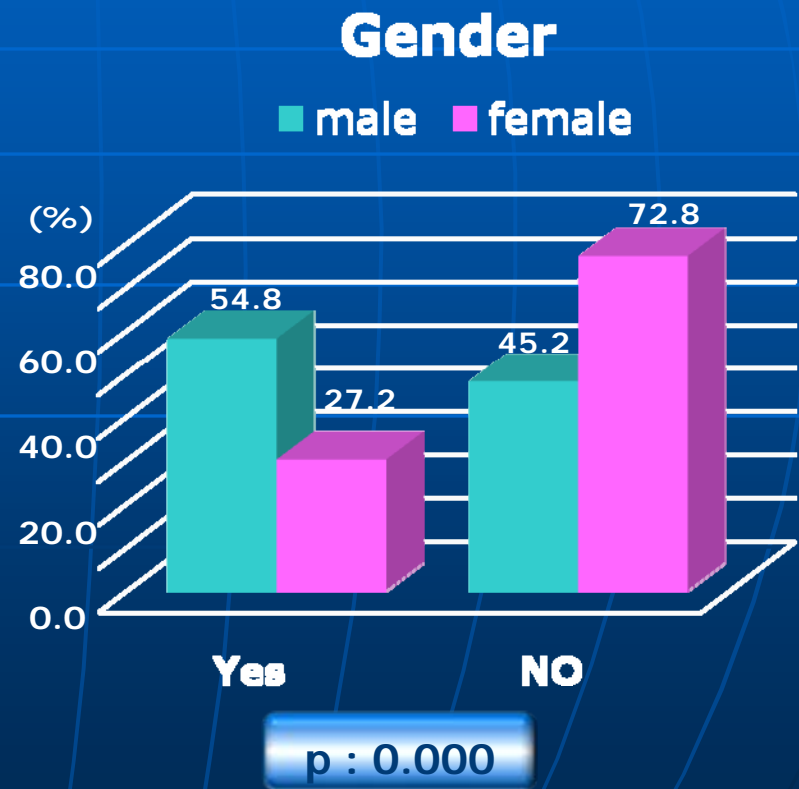
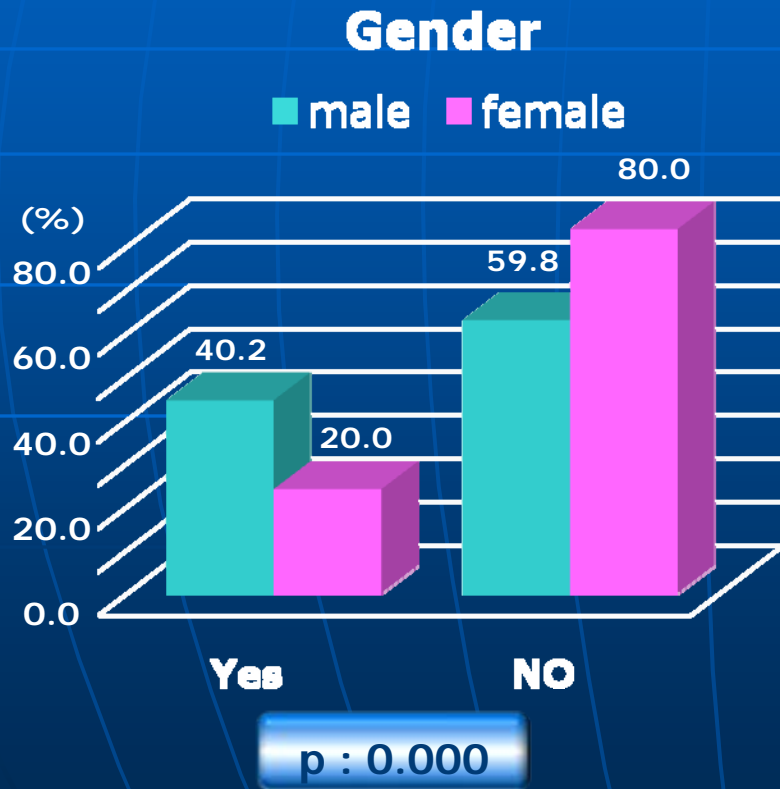
p : 0.856

Understanding of **Clinical Trial**



Q : Asking others to be subject? Yes or No

Q : Intention to be the subject? Yes or No

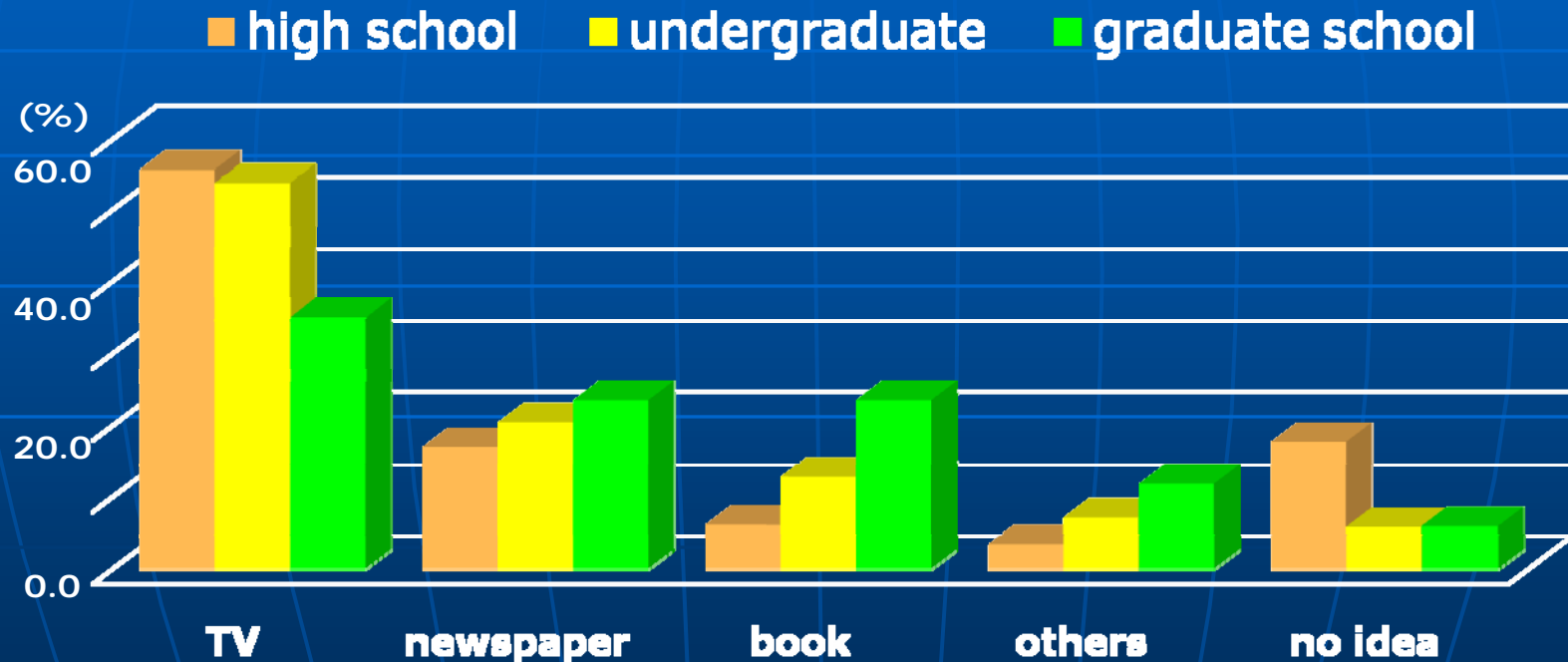


Understanding of Clinical Trial



Q : How did you get to know?

Education level



p : 0.002

Factors to show statistical significance

- Between gender
 - Intention to be subject again
 - Asking others to be subject
 - Female show more negative response rate
- Education level
 - As education level is higher concept of clinical trial is better recognized and well known.
 - More interested in getting new information on media

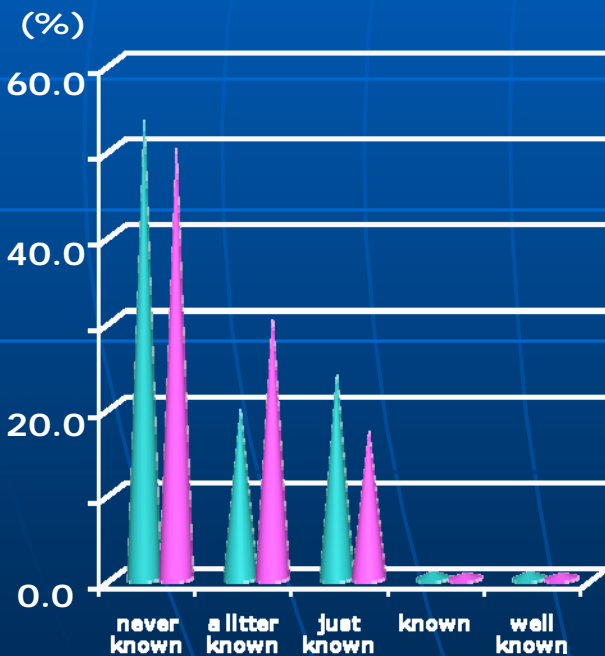
Understanding IRB Concept



Q : How much do you know and understand?

Gender

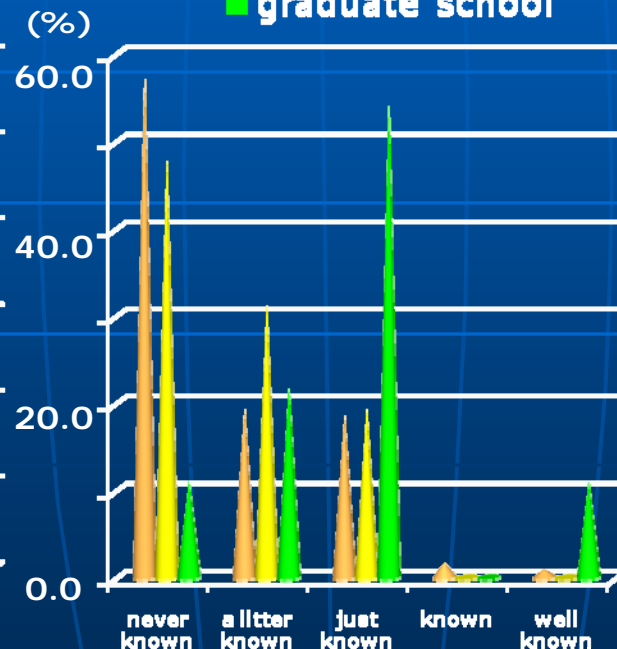
■ male ■ female



p : 0.270

Education level

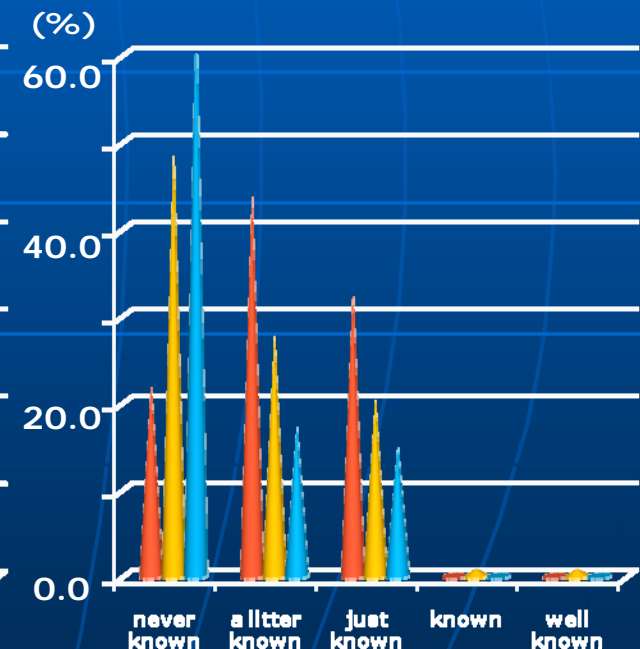
■ high school
■ undergraduate
■ graduate school



p : 0.000

Economic status

■ high ■ middle ■ low



p : 0.357

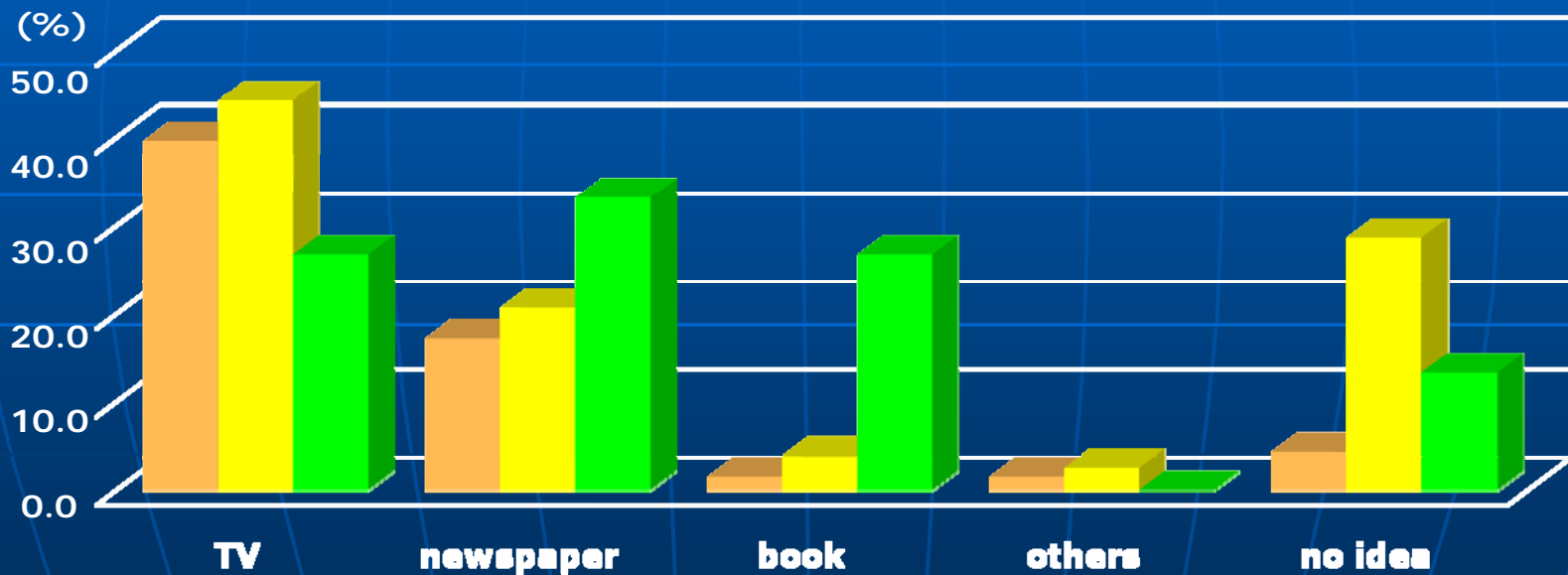
Understanding of IRB Concept



Q : How did you get to know?

Education level

■ high school ■ undergraduate ■ graduate school



p : 0.000



Factors to show statistical significance

- Education level
 - As education level is higher, concept of IRB is better recognized well known.
 - More interested in getting new information on media
- Economic status
 - As economic status is higher, more interest in getting new information from media

Suggestions

- Much more continuous concern on lower educated class
- New bright and systematic plan centering on lower educated class
- Empower positive mind for female
 - ➔ Should be considered to understand clinical trial and IRB concept better



Thank you