



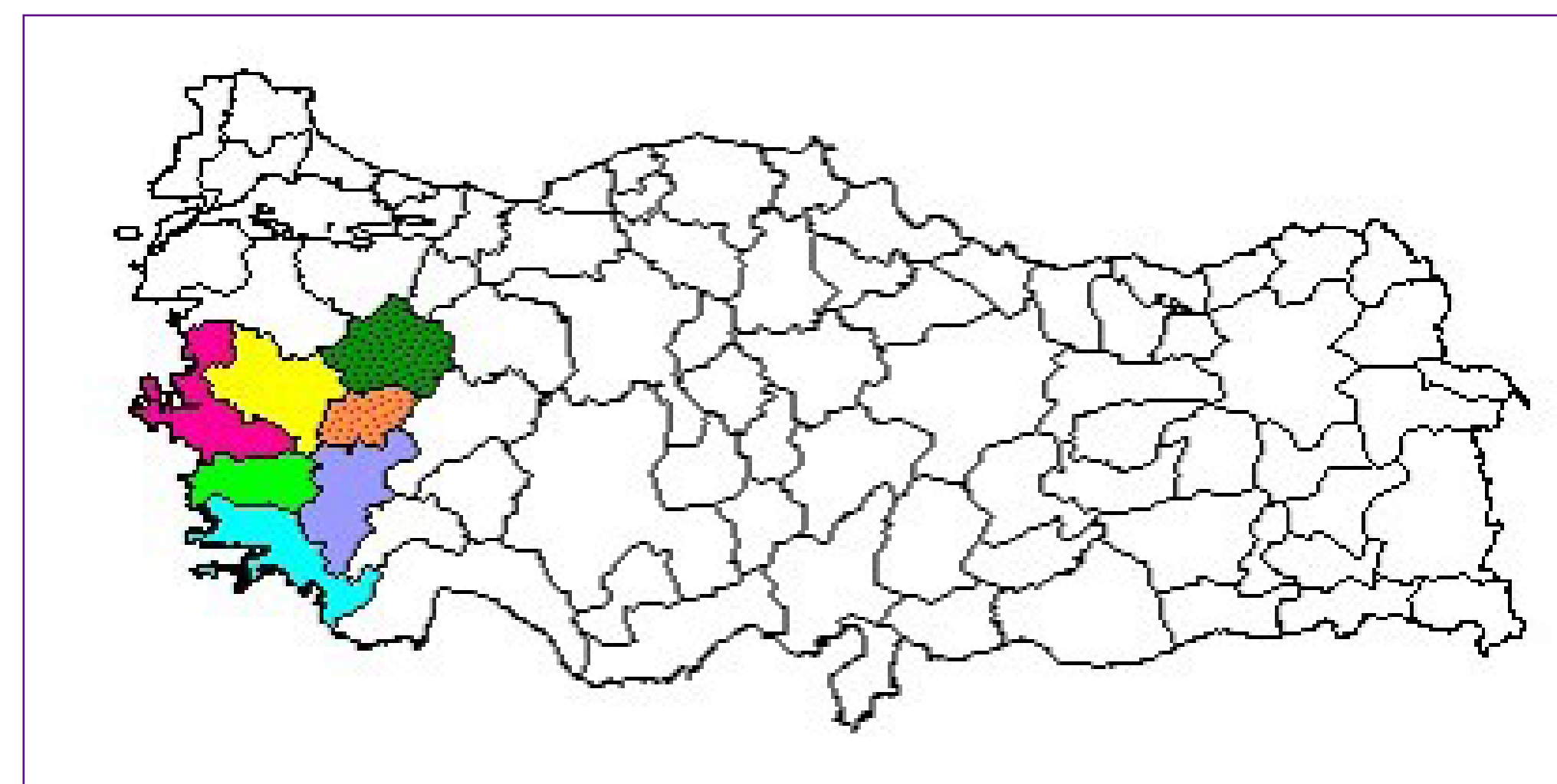
# Establishment and Training of Biorisk Management Committee for the Izmir Bornova Veterinary Control Institute



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## Background

- BVKE is responsible for diagnosis and control of animal and zoonotic diseases in the Aegean region
- The BVKE annually processes more than 160,000 samples including high risk pathogens
- Biorisk Management (BRM) is relatively new to the BVKE and other veterinary control institutes in Turkey
- At the start of this project, there were only two employees at BVKE who had received any BRM training, there is no risk assessment process, and no BRM manual



## Objectives

- This project will establish a BRM Committee at the BVKE with defined roles and responsibilities
- The members identified to serve on the committee will be trained in BRM
- The BRM Committee will be essential in the future development of a BRM manual and risk assessments at the BVKE

## Methodology

- Approval of Project
- Preparation of BRM Charter
- Awareness Meeting (Pre and Post questionnaire)
- Selection of Participants for BRM Training
- BRM Training (Pre and Post questionnaire)
- Establishment of BRM Committee
- Approval of Charter by Committee
- BRM Implementation

## Resources

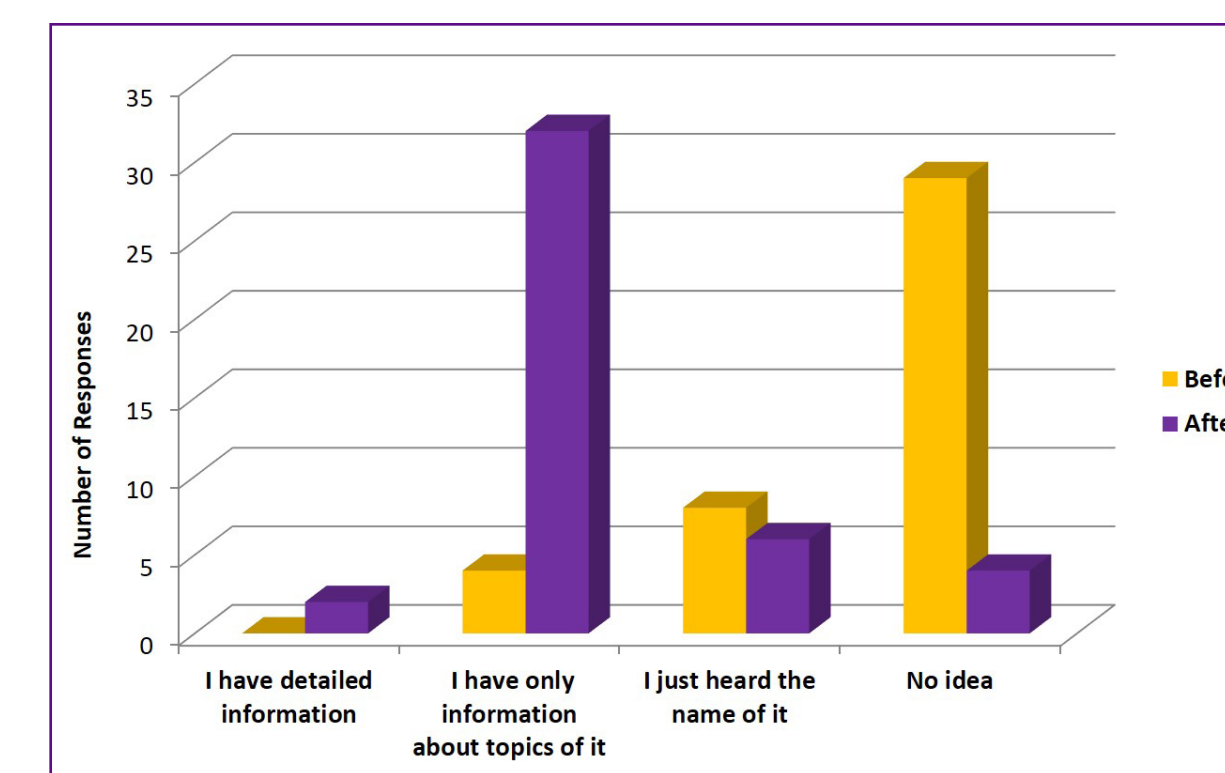
- CWA 15793 section 4.4.1; Roles, responsibilities and authorities
- Other parts of CWA 15793
- Related National Legislation
- Institutional needs
- Future Goals

## Results

- Awareness meetings were held
- BRM training was conducted
- Charter was written and approved
- BRM Committee was established
- Committee will implement BRM activities

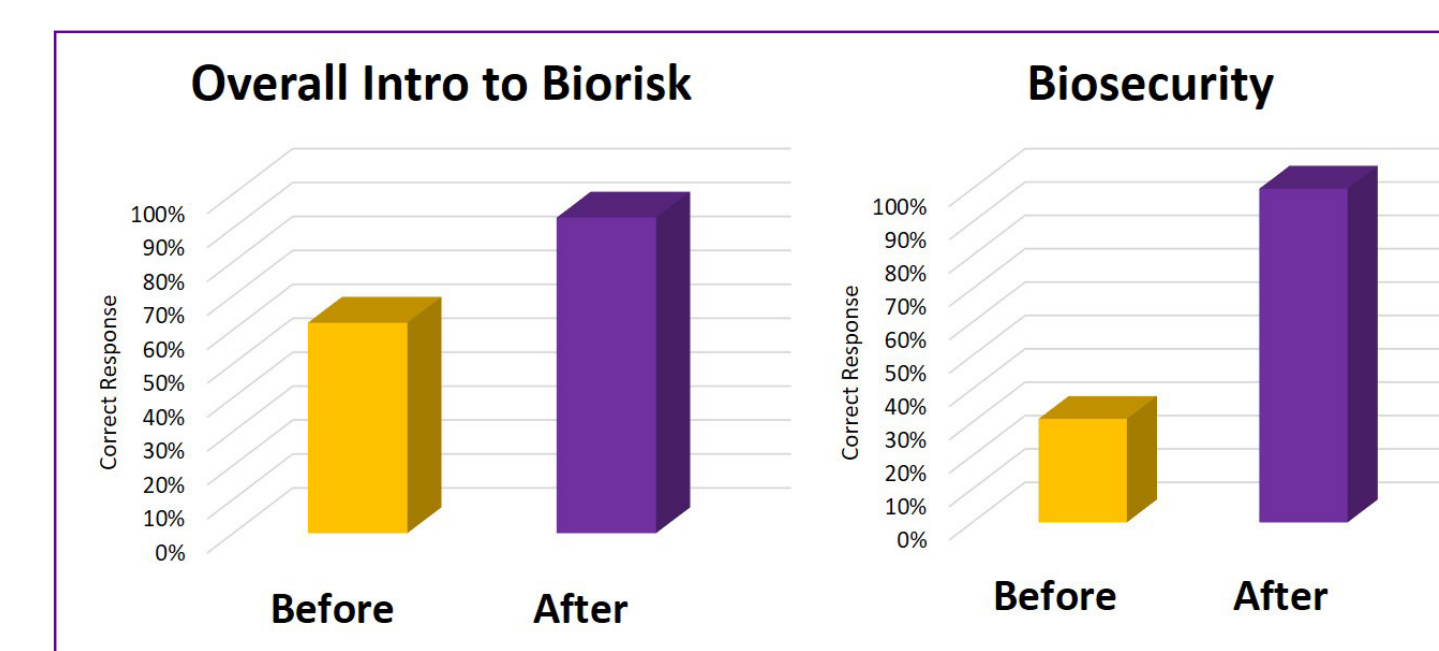
## Results

### 1 - Awareness Meetings - What is Biosafety, Biosecurity, Biorisk, CWA-15793



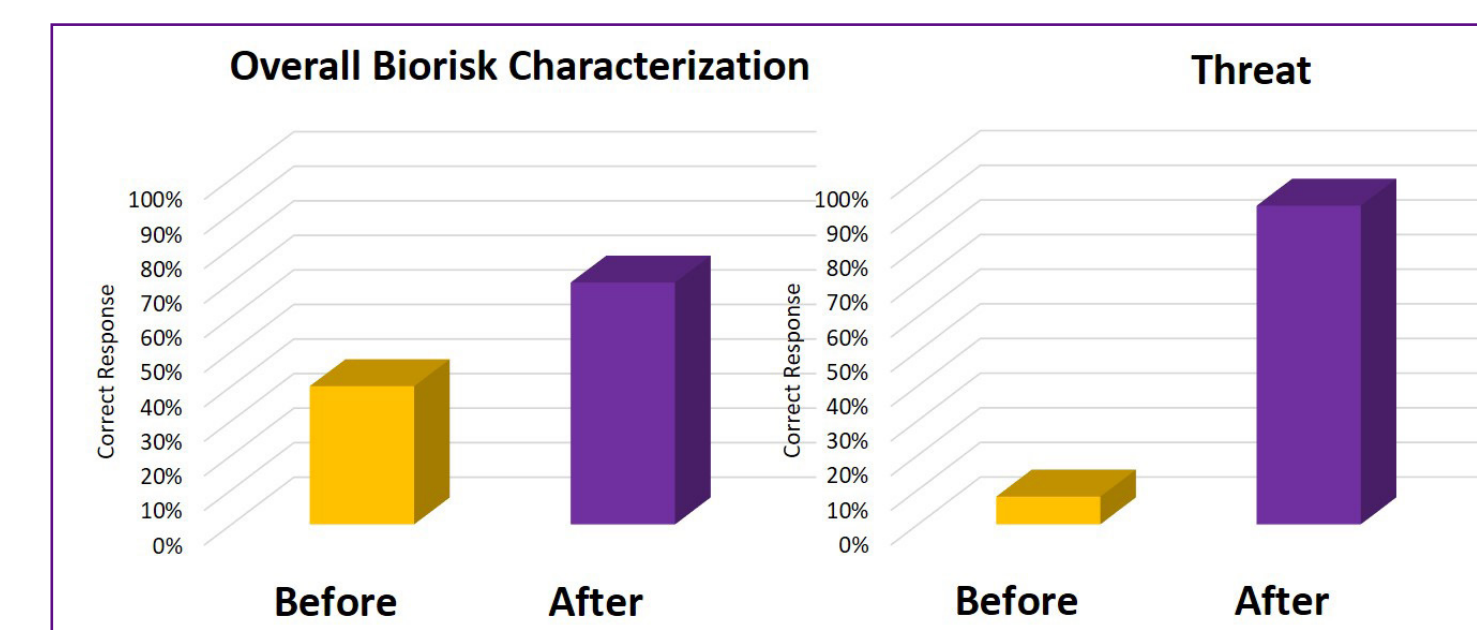
The most striking difference at the end was awareness of the CWA-15793.

### 2 - Introduction to Biorisk Management



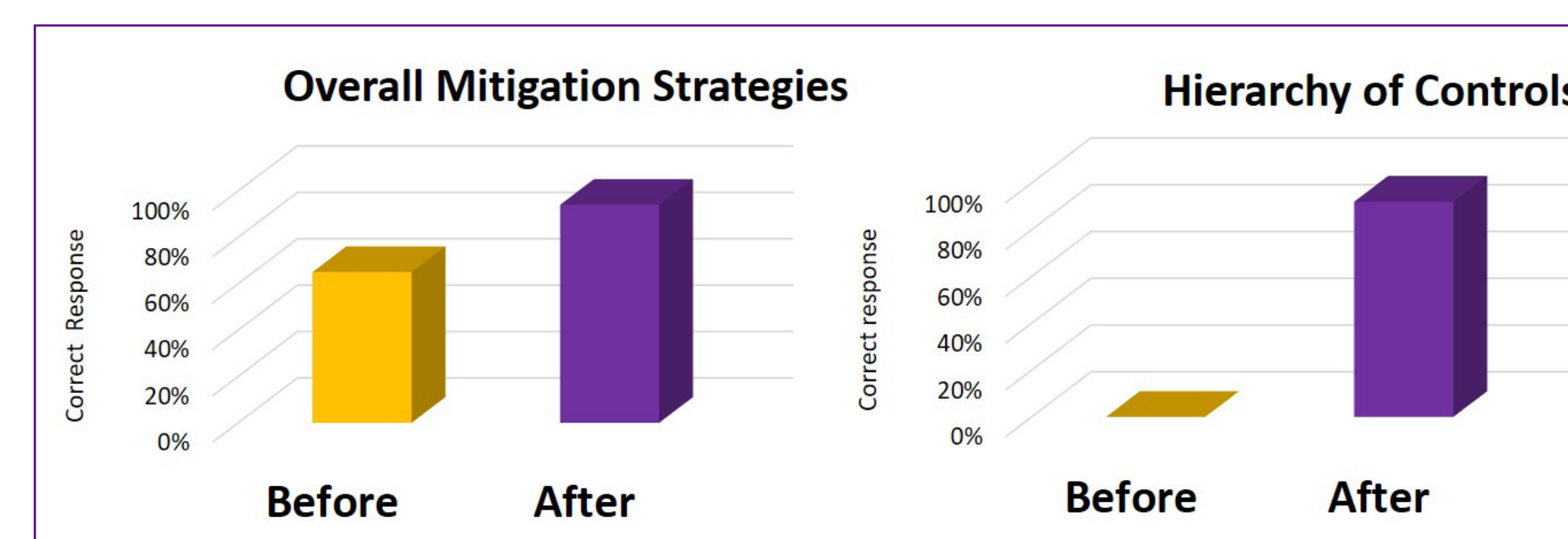
Overall results improved. The most striking difference at the end of training were related to biosecurity components

### 3 - Biorisk Characterization & Evaluation



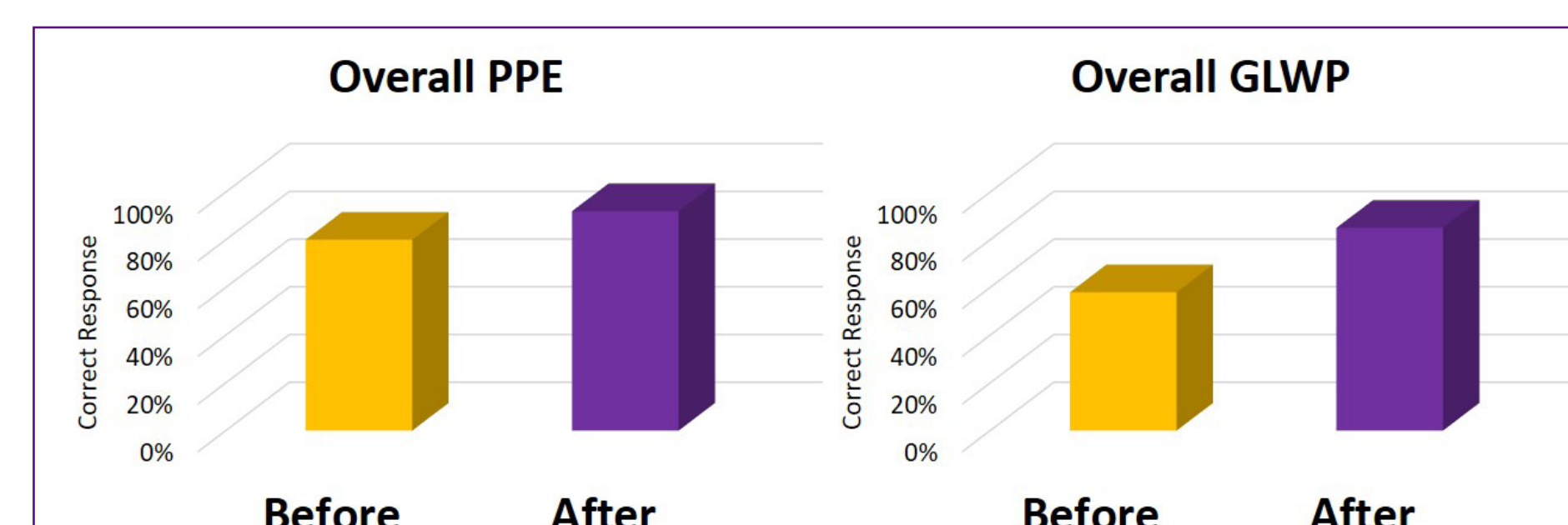
Overall results improved. The most striking difference at the end of training were related to threats

### 4 - Biorisk Mitigation Strategies



Overall results improved. The students had never seen the hierarchy of controls before. As expected, most chose PPE as first measure since they are most familiar with this control

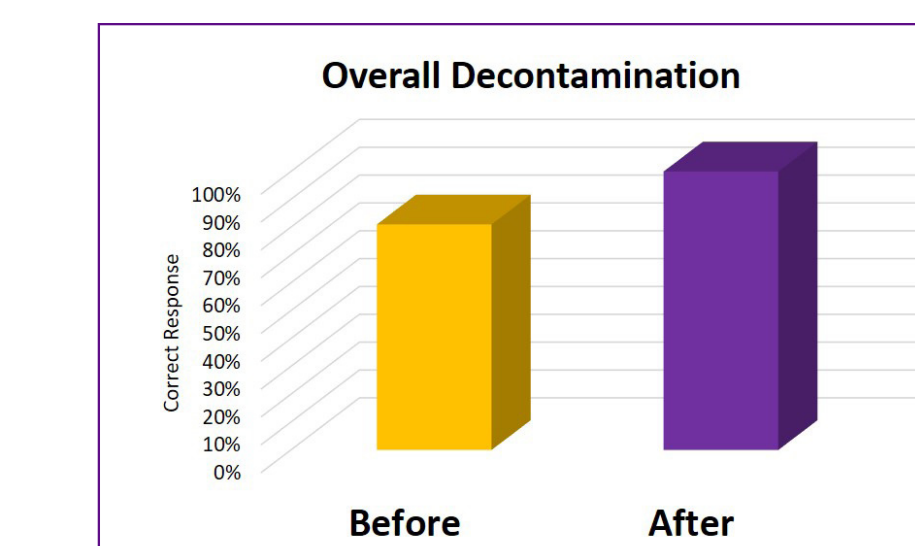
### 5 - Personal Protective Equipment (PPE); 6 - Good Laboratory Work Practices (GLWP)



While overall results improved, the pre- and post-training results were not as drastic. Results may be similar due to the fact that they were the most familiar PPE and GLWP

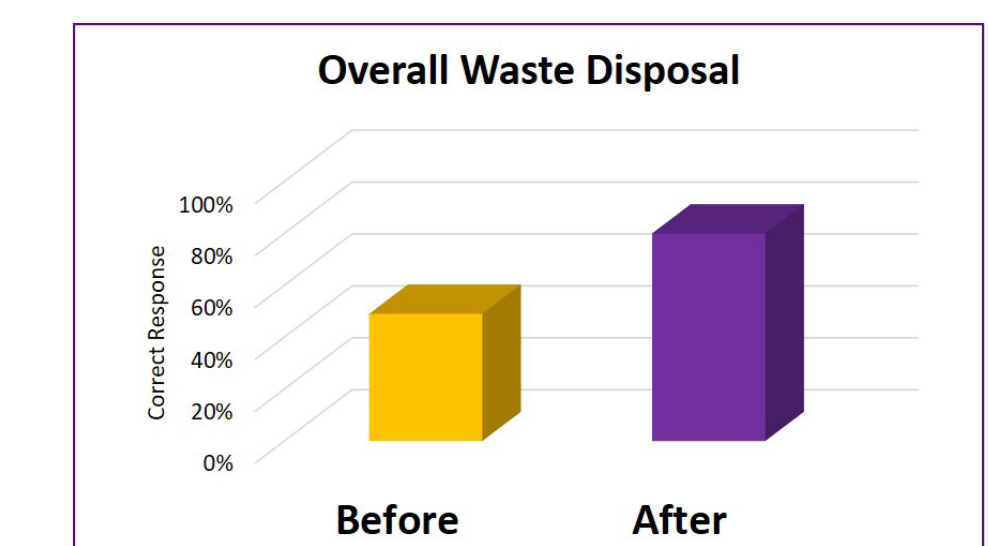
## Results (continued)

### 7 - Decontamination



The decontamination course was one of the most effective courses. Participants gave the correct answer to the entire questionnaire at the end of the training.

### 8 - Waste Disposal



Overall results improved. Students were not as familiar with waste streams and waste management steps.

## Conclusions

- 75 staff members of BVKE received awareness training
- 13 participants received 4 days of BRM Training
- Questionnaire results showed an increase in BRM understanding
- The BVKE BRM Committee was established
- The BVKE BRM Charter was approved
- All staff are expected to perform BRM practices from now on enhancing biosafety and biosecurity at the BVKE
- The Institute administration has expressed many plans for BRM
- The quality policy of the Institute has improved

## Lessons Learned

- This was the first Committee established with BRM Authority in Turkey
- There are many more BRM trained people in Turkey
- There is much more awareness about BRM in Turkey
- There are high expectations about BRM
- Everyone in the project was very understanding and helpful
- The Institute Administration and central authority supported all project steps

## Moving Forward

Planning in the Institute:

- Risk Assessments of the priority departments
- Prepare BRM Manuals
- New and improved BRM Training

Planning in Turkey:

- Project report was sent to General Directorate
- Same concept may be implemented in the other Veterinary Control Institutes
- Charter may be adopted throughout the country within MoFAL

## Acknowledgements

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- Director of Izmir/Bornova Veterinary Control Institute