

## Appendix 1. Assessment of Teachers' Knowledge About What to Do During a Seizure in Patients with Epilepsy Before and After First Aid Training

### Pre-Test Questionnaire

#### What is your age?

Please specify: \_\_\_\_\_

#### What is your gender?

- A. Female
- B. Male

#### What type of school do you teach at?

- A. Public
- B. Private

#### What is the educational level of the institution where you work?

- A. Preschool / Kindergarten
- B. Primary School
- C. Middle School
- D. High School

#### What is your teaching subject (branch)?

- A. Primary School Teacher
- B. Social Studies Teacher
- C. Turkish Language Teacher
- D. Mathematics Teacher
- E. Science Teacher
- F. Physics Teacher
- G. Biology Teacher
- H. Chemistry Teacher
- I. History Teacher
- J. Geography Teacher
- K. Philosophy Teacher
- L. Religious Culture and Ethics Teacher
- M. Psychological Counseling and Guidance
- N. English Teacher
- O. German Teacher
- P. Physical Education Teacher
- Q. Preschool Teacher
- R. Visual Arts Teacher
- S. Technology and Design Teacher
- T. Turkish Language and Literature Teacher
- U. Music Teacher
- V. Computer Teacher
- W. Health Sciences Teacher
- X. Arabic Teacher
- Y. Other (please specify):

#### How many years have you been working in the teaching profession?

Please specify: \_\_\_\_\_ years

#### Do you have epilepsy?

- A. Yes
- B. No

#### Do any people you live with or close relatives have epilepsy?

- A. Yes
- B. No

#### Is there a student in the school where you teach who you know has been diagnosed with epilepsy?

- A. Yes
- B. No

#### What kind of disease is epilepsy?

- A. Psychological
- B. Supernatural
- C. Neurological
- D. Contagious
- E. I do not know
- F. Other: \_\_\_\_\_

#### Is epilepsy a treatable disease?

- A. Yes
- B. No

#### How would you describe an epileptic seizure?

(You may select more than one option.)

- A. Staring blankly at a fixed point and appearing as if daydreaming
- B. Involuntary facial expressions and movements, such as lip biting
- C. Stiffening and shaking of the whole body
- D. Stiffening and shaking in a single limb of the body
- E. Incoherent speech and repetitive movements
- F. Memory loss severe enough to disrupt attention
- G. None of the above
- H. All of the above
- I. I do not know
- J. Other: \_\_\_\_\_

**Have you previously received first aid training?**

- A. Yes
- B. No

**If your answer is “Yes,” which of the following sources did you use to obtain information about first aid?**

- A. Television / Radio
- B. Self-learning via the Internet
- C. Informal information (word of mouth)
- D. Face-to-face training / course
- E. Online training / course

**If you have received first aid training, how long ago did you receive it?**

- A. Less than 1 year ago
- B. Between 1–5 years ago
- C. Between 5–10 years ago
- D. More than 10 years ago
- E. Other: \_\_\_\_\_

**Do you think your knowledge of first aid is sufficient?**

- A. Yes
- B. No
- C. Partially

**Please write the emergency phone number that should be called in a medical emergency.**

(Leave blank if you do not know.)

**Have you ever witnessed someone having an epileptic seizure?**

- A. Yes
- B. No

If your answer is “No”:

**If you were to witness someone having an epileptic seizure, how do you think you would feel?**

(You may select more than one option.)

- A. I would feel afraid
- B. I would panic
- C. I would leave the environment
- D. I would try to help
- E. I would do nothing
- F. I would immediately call emergency services (112)
- G. Other: \_\_\_\_\_

If your answer is “Yes”:

**When you witnessed the seizure, how did you feel?**

(You may select more than one option.)

- A. I felt afraid
- B. I panicked
- C. I left the environment
- D. I helped
- E. I did nothing
- F. I immediately called emergency services (112)
- G. Other: \_\_\_\_\_

**Have you ever had to perform a first aid intervention?**

- A. Yes
- B. No

**If yes, please indicate how many times you have performed a first aid intervention:****Which of the following actions should be taken to ensure a safe position for a person experiencing an epileptic seizure?**

(You may select more than one option.)

- A. Move the person to a safe location
- B. Turn the person onto their left side to facilitate breathing
- C. Turn the person onto their left side to prevent aspiration if vomiting occurs
- D. Remove restrictive clothing such as ties and fragile items such as glasses
- E. Position the person with their head down and legs raised
- F. Place a soft cushion under the head
- G. Leave the person where they are; do nothing
- H. All of the above
- I. I do not know / Not sure

**If the person experiencing a seizure has a locked jaw, what actions should be taken?**

(You may select more than one option.)

- A. Attempt to open the mouth using objects such as a fork or spoon
- B. Attempt to open the mouth using fingers
- C. Immediately call an ambulance
- D. Ensure a safe position and wait for the seizure to end
- E. All of the above
- F. I do not know / Not sure

**Which of the following statements regarding interventions for a person experiencing a seizure are correct?**

*(You may select more than one option.)*

- A. Make the person smell onion or garlic
- B. Make the person smell cologne or perfume
- C. Slap the person
- D. Shake the person's body
- E. Give the person sugar water orally
- F. Pour water over the person
- G. Perform cardiac massage
- H. Perform artificial respiration
- I. Ensure a safe position and wait for the seizure to end
- J. All of the above
- K. I do not know / Not sure

**Under which condition(s) would you call an ambulance when witnessing a person experiencing a seizure?**

*(You may select one or more options.)*

- A. Immediately
- B. Never
- C. If the seizure lasts more than 5 minutes
- D. If the person's skin turns blue or purple
- E. If consciousness and breathing do not return to normal after the seizure ends
- F. If the person experiences another seizure without regaining consciousness after the first
- G. If confusion or disorientation continues one hour after the seizure
- H. If the person is seriously injured during the seizure

## Appendix 2

The video associated with this article is available online at the following link: <https://drive.google.com/file/d/1qfONuBMNaqST4oCdrbTvI8Auof3aAQZ/view>