

Fall Video Analysis Questionnaire (FVAQ) – Short Form Version

Question 1. Video details.

Record the following details on the video.

- (a) Video identification code: _____
- (b) Location of fall (facility): _____
- (c) Date of fall: _____
- (d) Date of analysis: _____
- (e) Team members: _____
- (f) Team leader: _____

Question 2. Cause of fall.

Describe the primary biomechanical cause of imbalance. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Slip
- ii. Trip/stumble
- iii. Hit/bump
- iv. Fell asleep/legs collapsed/loss of consciousness
- v. Incorrect transfer/shift of body weight
- vi. Loss of support with external object

Probability: _____

Question 3. Activity at time of fall.

Describe what the person was doing when he or she lost balance and fell. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Lost balance while transferring from standing
- ii. Lost balance while transferring from a sitting or lying position
- iii. Lost balance while seated/wheeling in wheelchair
- iv. Lost balance while walking
- v. Lost balance while standing

Probability: _____

Question 4. Mobility aids.

Describe whether a mobility aid was present at the time of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Cane in use
- ii. Wheelchair in use
- iii. Walker in use
- iv. Crutch in use
- v. Cane visible (suspected to belong to the individual) but not being used
- vi. Wheelchair visible (suspected to belong to the individual) but not being used
- vii. Walker visible (suspected to belong to the individual) but not being used
- viii. Crutch visible (suspected to belong to the individual) but not being used
- ix. None visible belonging to the individual

Probability: _____

Question 5. Initial fall direction.

Describe the initial direction of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Primarily forward
- ii. Primarily backward
- iii. Primarily sideways
- iv. Straight down

Probability: _____

Question 6. Landing configuration.

Describe the configuration of the body at landing from the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Primarily forward
- ii. Primarily backward
- iii. Primarily sideways

Probability: _____

Question 7. Floor material.

Describe the type of floor surface the individual landed on. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Carpet
- ii. Concrete
- iii. Linoleum or vinyl tile
- iv. Padded mat/ compliant flooring
- v. Did not land on floor

Probability: _____

Question 8. Perceived site of greatest energy absorption.

Identify the body part that absorbed the majority of energy/contact force during the impact stage of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Head
- ii. Pelvis/torso/buttocks
- iii. Upper limb
- iv. Lower limb

Probability: _____

Question 9. Perceived injury risk/ impact severity.

Identify the body part that appeared to be the greatest risk for injury during the impact stage of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Head
- ii. Pelvis/torso/buttocks
- iii. Upper limb
- iv. Lower limb

Probability: _____

Question 10. Head impact.

Did impact occur to the head during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 11. Pelvis impact.

Did impact occur to the pelvis during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 12. Torso impact.

Did impact occur to the torso during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 13. Hand/ wrist impact.

Did impact occur to the hand(s)/wrist(s) during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 14. Elbow/ forearm impact.

Did impact occur to the elbow(s)/ forearm(s) during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 15. Knee impact.

Did impact occur to the knee(s) during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 16. Shoulder impact.

Did impact occur to the shoulder(s) during the fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 17. Stepping responses.

Did the individual attempt to recover balance by taking one or more steps? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 18. Held objects.

Was the individual carrying or grasping an object at time of fall? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 19. Reach-to-grasp responses.

Did the individual attempt to recover balance by reaching to grasp an external object? Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes
- ii. No

Probability: _____

Question 20. Height of fall.

Describe the height of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Standing height
- ii. Lower than standing height
- iii. Greater than standing height

Probability: _____

Question 21. Footwear.

Describe the footwear worn by the resident at the time of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Shoes
- ii. Socks
- iii. Slippers/ sandals
- iv. Bare feet

Probability: _____

Question 22. Floor conditions (Wet/Dry).

Describe whether the floor was wet or dry at the site of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Wet
- ii. Dry

Probability: _____

Question 23. Floor conditions (Transition).

Describe whether there were transitions in the colour, pattern, texture, or height of the floor at the site of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Yes, there were transitions in the colour, pattern, texture, or height of the floor at the site of the fall
- ii. No, there were no apparent transitions in the colour, pattern, texture, or height of the floor at the site of the fall

Probability: _____

Question 24. Lighting.

Describe the general lighting conditions at the site of the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Well lit (bright light)
- ii. Poorly lit (dark or dim lighting)

Probability: _____

Question 25. Contribution of clutter.

Describe the apparent contribution of clutter (surrounding objects, furniture, or people) in causing the fall. Select the best answer among those listed. Estimate the percent probability (1-100%) of your answer being correct at the bottom.

- i. Clutter contributed to the cause of the fall
- ii. Clutter had little contribution to the cause of the fall

Probability: _____