

EBD Journal Club
CEU Verification Form & Quiz



To earn AIA Continuing Education Units, purchase a CEU Management fee, complete the verification form and quiz questions and Catherine Ancheta at cancheta@healthdesign.org

Participant Name: _____

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Provider Name: **The Center for Health Design**

Provider Number: **Z009**

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Attended	AIA	Webinar Title	LU Hours	HSW
Yes <input type="checkbox"/> No <input type="checkbox"/>	EBDCLUB37	EBD Journal Club: Built Environment Design Interventions at the Exits of Secured Dementia Care Units: A Review of the Empirical Literature	1.0	Yes

1. Which of the following have been found to *lessen* the behavior of “walking with purpose” based on known literature (select all that apply):
 - a. Environments with limited stimulation
 - b. Higher levels and variations of sound levels
 - c. Spaces with more social interaction
 - d. Rooms with a designated purpose including engaging activities
 - e. Brightly lit areas

2. In what instances within the literature did the use of floor grid patterns increase or fail to decrease exiting attempts (select all that apply):
 - a. Glass windows in doors with views to the outside
 - b. Beige masking tape applied to the floor in horizontal strips
 - c. High contrast red or black tape applied to the floor in a horizontal strips
 - d. Presence of a shiny metallic panic bar on the exit door
 - e. Mainly in those with known Alzheimer’s disease versus other types of dementia (Parkinson’s, vascular dementia)

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3. In the study by Hussian and Brown (1987), which *horizontal* tape floor pattern intervention was found to be the most successful?
- 8 strips flush with the hallway end
 - 8 strips not flush with the hallway end (i.e.: final tape 3 feet from the end of the hallway)
 - 3 strips not flush with hallway end
 - 4 strips not flush with hallway end
 - 6 strips not flush with hallway end
4. The most successful design intervention to eliminate egress at exit doors within secured dementia care units, based on available empirical data, includes:
- Horizontal floor grid pattern
 - Painting a mural over the door
 - Mini-blinds covering door windows
 - Concealment of doorknob with a cloth covering
 - Camouflage of doorknob with a doorknob cover or paint
5. What is the best hypothesis as to why these design interventions reviewed are successful in the setting of dementia?
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6. In deciding to cover the door hardware with a cloth, which of the following would be the best option for success in limiting exiting in a secured dementia care unit?
- A green patterned cloth covering
 - A beige cloth covering
 - A green unpatterned cloth covering
 - Color and pattern of the cloth does not matter
 - A beige unpatterned cloth covering

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7. What explains the answer choice above regarding color discrimination in the setting of dementia?
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8. Which are the two methods explained in the discussion section as to why an arts-based intervention is likely successful in lessening exit attempts?
- Painting with certain colors can deter those with dementia from approaching
 - Provides a diversion
 - Counteracts banal institutional environments
 - Increases the level of sensory stimulation in the environment
 - Provides some level of camouflage for door hardware
9. Which of the following mechanisms is explained in the paper around the effect observed with the grid pattern techniques?
- Vascular dementia
 - Posterior cortical atrophy as a visual variant of Alzheimer's
 - General brain atrophy or shrinkage
 - Stage of severity of any dementia / only very severe stages
 - Stroke
10. Which of the following reasons is postulated in the paper as to why there are no recent experimental papers for visual design interventions at exit doors within secured dementia care units?
- Rates of dementia are decreasing in the general population leading to less need for dementia care units
 - All dementia care units have "wandering paths" and "wandering gardens" so exit door design interventions are no longer needed
 - The use of evidence-based design literature on design for dementia has not been a rising trend
 - An alternative to implementing design interventions that serve as barriers to exiting is for designs to accommodate exit attempts in a safe way, promoting additional autonomy

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