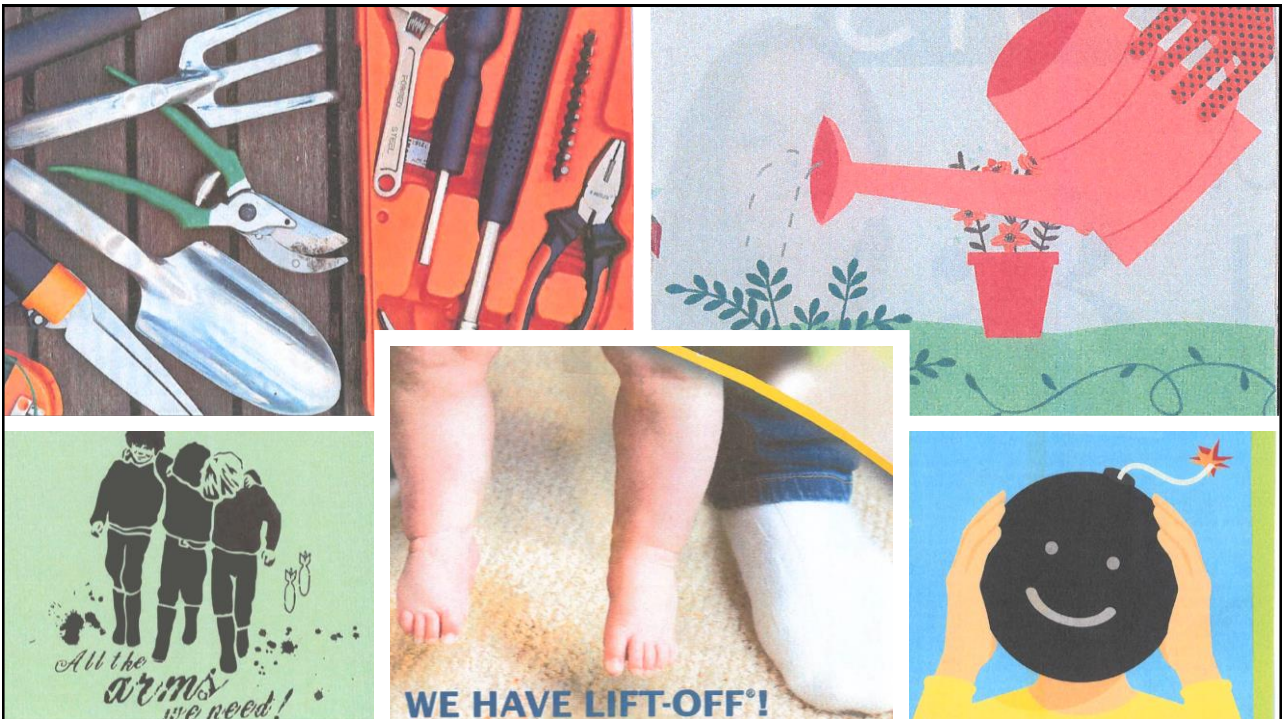


# Ben-Gurion University of the Negev Simulation Research IDEAS Talk

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## A pilot study comparing art enhanced simulation debriefing with traditional debriefing



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### Background

The use of art during debriefing may help deepen self reflection and add a new and heretofore unexplored dimension to simulation

**Purpose:** To evaluate the use of 5x7 pictures and words from magazines mounted on cards to help students with their reflections on "clinical takehome", after a medical surgical simulation compared to a similar scenario not using enhanced debriefing

**Question:** Is there a qualitative difference in the words used by learners with and without cards?

**Theoretical framework:** Simulation and art therapy are rooted in experiential learning. In art therapy reflecting on knowledge and experience gained from self-reflection facilitates understanding and assist participants to articulate their thoughts.<sup>1</sup> Art based research uses expressive qualities of form to convey meaning.<sup>2</sup> Images convey meaning forming memories are hard to erase.<sup>1,2,3</sup>

### Methodology and methods:

- Quasi-experimental design
- Students served as their own control
- One simulation and one without use of CARDS
- Card chosen from an array on the debriefing table
- Debriefings recorded and transcribed verbatim
- Words used to describe participant 'clinical take home' messages were evaluated

**Sample:** Forty-two (42) nursing students participated in two medical surgical scenarios.

**Qualitative analysis:** 3 key themes when cards used in for 'take home messages'

### Channels feelings examples



• I chose number 16 again because I love this picture, and I want to frame it in my room. It is just like the embodiment of me...just like always smiling but ready to blow up at any moment, not in a mean way but in an anxious way" (13:12:P16).



• "I chose 25. I feel I always get overwhelmed and there is a lot of information I don't know. It's all in the tools. I know how to do a bunch of things but then when it's all together, I don't know which one to choose" (14:3:25).

### Making sense



• My picture is 11. I picked this one because there is a lot going on in it and I feel like that when I walk into certain situations in clinical simulation. There is so much going on...I just need to look it up and figure out what's going on" (12:2:P11).



• "I chose card 8. People with shirts that say "why"? I feel like this represents the debriefing we have where you ask us questions and help us critically think and try to improve" (13:2:P8).



• "I choose 13 again because no one really likes to come to sim because you are afraid to make up. I still feel that I just need to figure out a good order of focused assessment

### Facilitates 'becoming'



• "I picked number 20. It's a picture of a guy jumping across a creek. I chose this because I feel like I'm going through but I wanted to take that leap" (11:2:P20).



• "I'm choose number 3. It says "we have lift off"! I kind of feel like we are taking more steps in the right direction, we're all growing, and I just feel like this represents progress, we are kind of ascending" (14:1:P3).

### Channels feelings

Cards provide a means to manage emotion. Emotion/ feelings are the catalyst or driving force behind making sense of the simulation experience

- Assists making sense
- Facilitates becoming
- Channel feelings



**Conclusion:** Art enhanced debriefing may help students to integrate learning and emotions in new ways and reinforce understanding

### References:

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2. Fish, B. J. (2017). *Art-based supervision*. Routledge: Taylor & Francis Group Publishers, New York.
3. Knowles, J. G. & Cole, L. (2008). *Handbook of the Arts in Qualitative Research: Perspectives, methodologies, examples and issues* (1<sup>st</sup> ed.). SAGE Publications: Los Angeles

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See: <https://www.cqu.edu.au/about-us/structure/schools/nm/simulation/ttpps>

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CLECS 2.0 outcomes-Clinical learning environment comparison (traditional, screen-based, and manikin-based sim)

<https://sites.google.com/view/evaluatinghealthcaresimulation/home?authuser=0>

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