

# Study on a Nursing Support Program to Alleviate Reality Monitoring Error in Schizophrenic Patients

Hitomi ASANUMA, RN, PHN, PhD<sup>1)</sup>, Tomokazu SUGAYA, RN, PhD<sup>2)</sup>, Chizuru MORI, RN, PhD<sup>2)</sup>

1) Showa University, Department of Nursing, School of Nursing and Rehabilitation Sciences, Japan

2) University of Tsukuba, Faculty of Medicine,

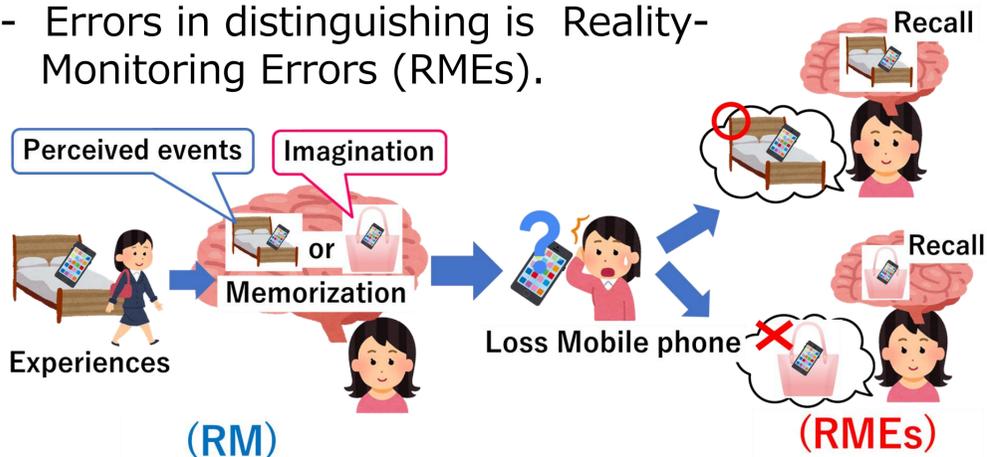


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## Introduction・Purpose

### Reality Monitoring (Fig.1)

- Reality monitoring (RM) is a function to determine own experiential memory [1].
- Errors in distinguishing is Reality-Monitoring Errors (RMEs).



<Fig.1 Reality Monitoring and Errors>

### Schizophrenic Patient's RM

- More prone to errors than healthy individuals [2].
- Positive symptoms affect RMEs in schizophrenic patients.

### Problems

- It is likely that RMEs in schizophrenic patients affect how they understand themselves (Meta Cognition).

### Purpose

- To develop and to verify its effectiveness a nursing support program to improve for RMEs in schizophrenic patients.

## Method

### Survey Target

- Hospitalized schizophrenic patient.

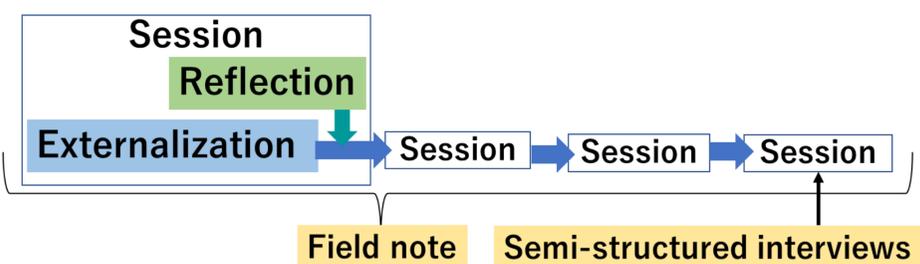
### Reality Monitoring Improvement Program

- It created a program of four sessions for each patient.
- The program is based on the experiential memory of patient's own illness [3][4].

### Intervention Survey (Fig.2)

#### Background Data

Age, Sex, Length of hospitalization, Treatment status, Symptoms



<Fig.2 Intervention Survey>

## Results

### Back Ground (Table 1)

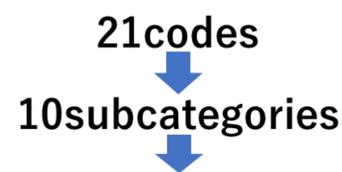
- 4 patients (2 males, 2 females)

<Table1. Background of Patients> n=4

	M	SD
Age	47.8	6.7
Hospitalization at started intervention (day)	20.8	4.0
Number of hospitalizations	3.3	3.9
Antipsychotic dose (mg) (CP equivalent)	500.0	565.7

### Effectiveness of the program (Fig.3)

- The second session showed a change in the way we perceive experiential memories.



3categories
"Understanding reality monitoring errors"
"Changes in perception of one's own condition"
"Changes in perception of one's experience of being admitted to the hospital"

<Fig.3 Result of Semi-structured Interviews>

## Conclusion

- Examined a nursing support program to improve RMEs in schizophrenic patients.
- Created a program consisting of four individual sessions.
- It was shown that there was some change in the way patients perceive their illness by the program.

## Reference

- [1] Johnson, M.K., & Raye, C.L. (1981) . Reality Monitoring. *Psychological Review*, 88 (1) , 67-85.
- [2] Eriko Nakata & Taisuke Morita, (2005) . A Critical Review of Source Monitoring Paradigm. *Educational sciences seminary*, (36), 57-69.
- [3] Futoshi Okumura. (2002) . Recognition of Current Situation and Discharge in Schizophrenia Patients under Long-term Hospitalization, Who Desire to Return to Live in Society, *Bulletin of Nagoya City University School of Nursing*, 2, 47-55.
- [4] Rika Ninomiya. (2015) . Effects of making a presentation twice followed by reflection : An analysis based on self-regulated learning theory, *Journal of Global Education*, (6) , 31-44.