

## **Nursing Process Based on Johnson's Behavioral System Model in Patients with Multiple Sclerosis: Case Report**

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Patients with multiple sclerosis need a comprehensive nursing care program because of the chronic and complex nature of the disease. Nursing models can provide a framework and goals for the nursing process to provide more effective and comprehensive clinical care. This study aimed to investigate applying the nursing process based on Johnson Behavioral Model on improving stable behaviors clients with multiple sclerosis (MS). In this case study, the nursing process was presented by a client with multiple sclerosis who met the MS criteria in Hamadan in 2019. In the Nursing assessment and Recognition phase, data were collected based on the "Johnson Behavioral Model scale" by observation, interview, and physical examination. Data sources were the client herself, her family, physician, medical record, and MS staff. Nursing diagnoses were formulated as stable and unstable behaviors. And caring goals were set and shared with the client to increase stable behaviors and reduce or eliminate unstable behaviors. Nursing measures were performed and evaluated to achieve the goals. Data analysis was presented using the table. The study results showed that the client had unstable behaviors in four behavioral subsystems (inefficiency in, Aggressive- protective, Elimination, restorative and sexual subsystems). Unstable behaviors decreased after planned nursing measures. Johnson's behavioral model was useful in modifying and correcting the unstable behavior. So providing care based on nursing models can increase the quality of care and client satisfaction.

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