Problems in NPU for patient with mental illness

Handong□Global□University IED□01□Group□8

21800033 권영채 21900075 김나연 21900442 연혜은 22000374 송민영

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1. What□is□NPU(Negative□Pressure□Unit)?



그림 20 배기구 설치 사례(천정 배기)



그림 21 배기구 설치 사례(병상 하부 배기)

1. What□is□NPU(Negative□Pressure□Unit)?



2. Two Types of Problems

- **1. Spatial Constraints**
- 2. Psychological Deterioration

2.1 | Spatial | Constraints

I. It is difficult to get help from caregivers for patients who have difficulties in their daily lives.



2.1 | Spatial | Constraints

II. Some mentally ill people can make sudden acts such as suicide

attempts or threats.



<five stages to get to the isolation room>

(fitting room -> front room -> negative pressure corridor -> front room -> isolation room)

2.1 | Spatial | Constraints

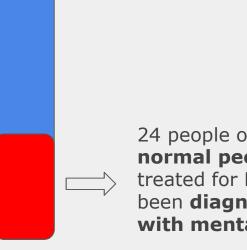
 ${\rm I\hspace{-.1em}I\hspace{-.1em}I}$. Poor communication can lead to problems.



2.2 Psychological Deterioration

I. Psychological anxiety can be deepen.





24 people of 80 normal people treated for NPU have been diagnosed with mental illness

2.2 Psychological Deterioration

 $\ensuremath{\mathbb{I}}$. Counseling treatment for mental illness may be limited.





Conclusion

1. Spatial Constraints

- I. It is difficult to get help from caregivers.
- Π . Some mentally ill people can make sudden acts.
- ■. Poor communication can lead to problems.

2. Psychological Deterioration

- I. Psychological anxiety can be deepen.
- II. Counseling treatment for mental illness may be limited.

Reference Material

Image

Ministry of Health and Welfare, 2018, Architectural Guidelines for the Design of Healthcare Facilities

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Q&A

