

# Problems in NPU for patient with mental illness

Handong Global University  
IED 01 Group 8

21800033 권영채  
21900075 김나연  
21900442 연혜은  
22000374 송민영

# Contents

- 1. What is NPU(Negative Pressure Unit)?**
- 2. Two Types of Problems**
- 3. Conclusion**
- 4. Reference Material**
- 5. Q&A**

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



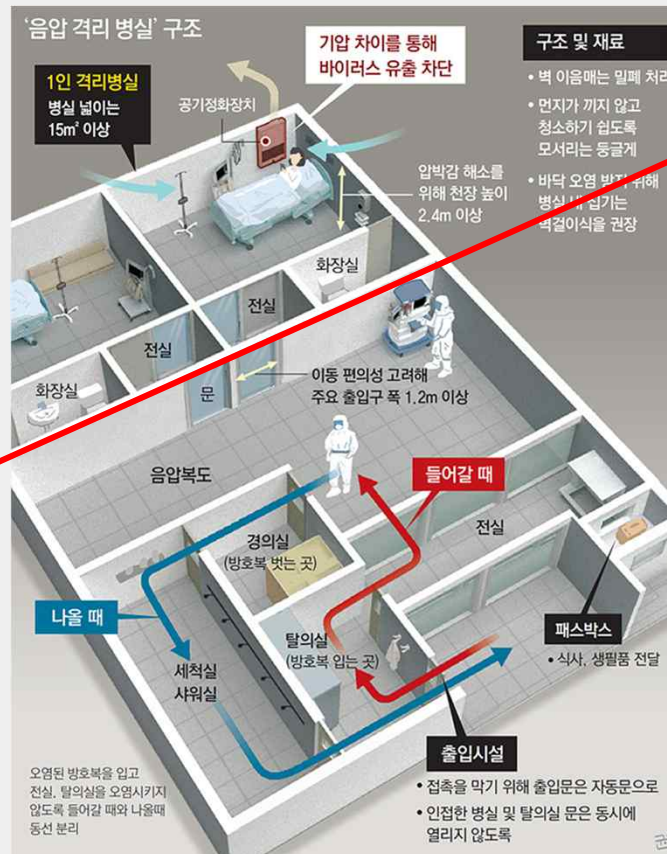
그림 20 배기구 설치 사례(천정 배기)



그림 21 배기구 설치 사례(병상 하부 배기)

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

negative pressure zone



non-negative pressure zone

## 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

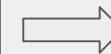
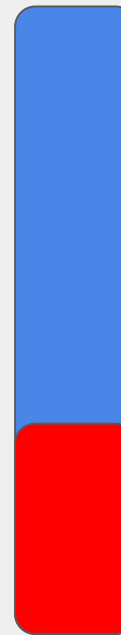
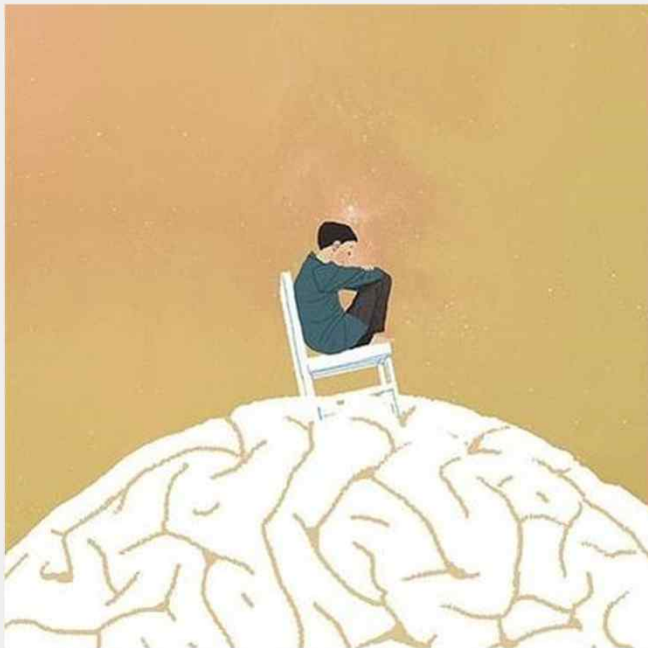
III. Poor communication can lead to problems.





## 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

II. Counseling treatment for mental illness may be limited.



# Conclusion

## **1. Spatial Constraints**

- I . It is difficult to get help from caregivers.
- II. Some mentally ill people can make sudden acts.
- III. 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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## Document

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Q&A

THANK YOU