

2020 IED TEAM PROJECT

NPU for Patient With Mental Illness

Group 1

21700045 권동성
21700302 박준석
21900055 금아현
21900740 최동희

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What is NPU?

NPU



Negative Pressure Unit
: an **isolated room** that
prevents cross-contamination
from room to room

최1

NPU에 대한 간략한 설명

최동희, 2020-10-17

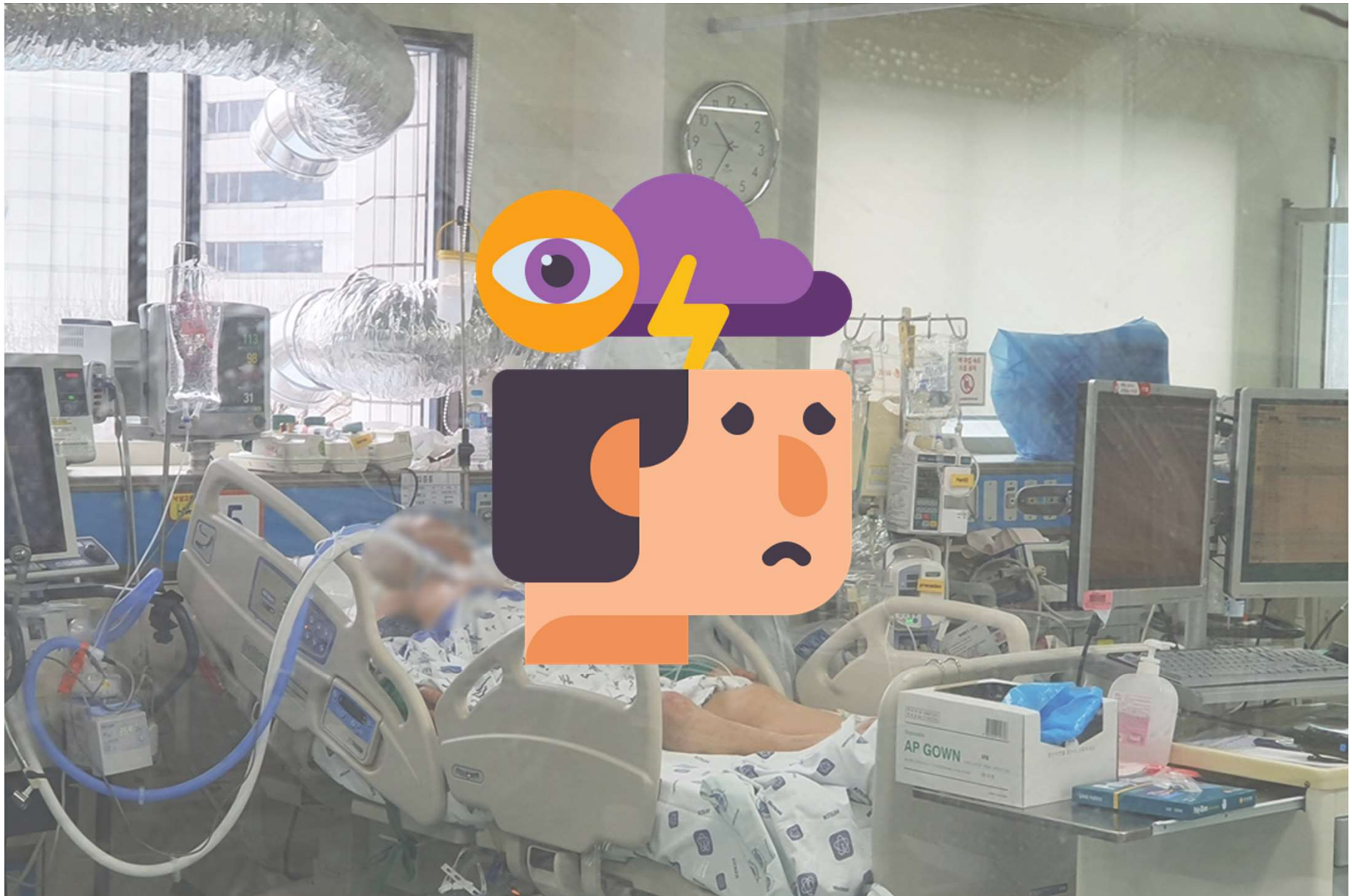


Slide 4

최2

현재 일반 환자들을 위한 음압 병실은 존재하지만

최동희, 2020-10-17



Slide 5

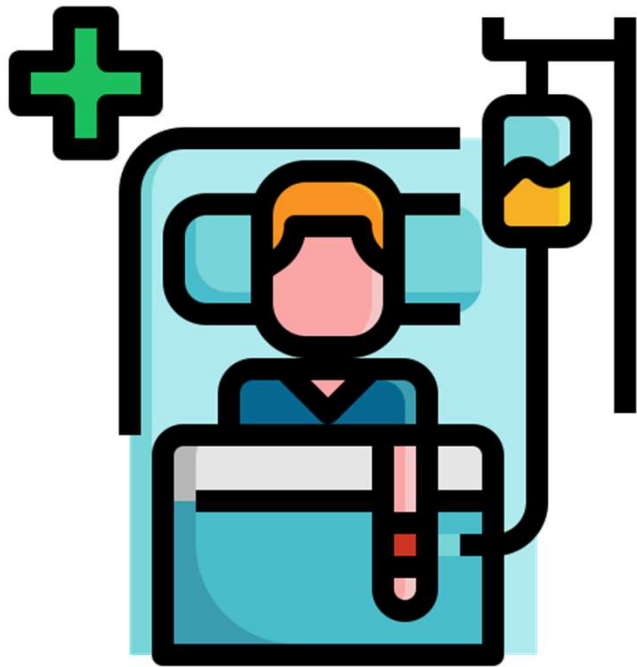
최3

정신질환자들을 위해 특수 설계된 음압 병실은 존재하지 않는다.

최동희, 2020-10-17

Introduction

Specify Users



최4 먼저, 사용자들을 세분화해보았을 때, (정신질환) 환자와 의료진이 있다.
최동희, 2020-10-17

Research

Articles

- Cost
- How they communicate



Slide 7

KA1

동성학우님께서 찾으신 내용 넣으면 될거 같아요. 비용에 대한 자료도 찾으면 좋을 거 같아요.

Kum Ahhyun, 2020-10-17

Research

Interview with a potential user



They are **emotionally unstable**.
Emotional support is therefore essential.

Slide 8

최5 실제로 현직 간호사에게 질문했더니, 정신질환자들은 일반환자보다 정서적으로 많이 불안하므로 정신적 지지가 필수적이라고 답변하였다.

최동희, 2020-10-17

KA2 Q. 정신질환자들이 일반환자와 다른 점은?

A. 정서적으로 불안정하다.

Kum Ahhyun, 2020-10-17

KA3 Q. 격리되었을 때 무엇을 고려해야하는가?

A. 불안함을 느낄 수 있다. 그럴수록 정서적 지지가 필요하다

Kum Ahhyun, 2020-10-17

Problems



Cost

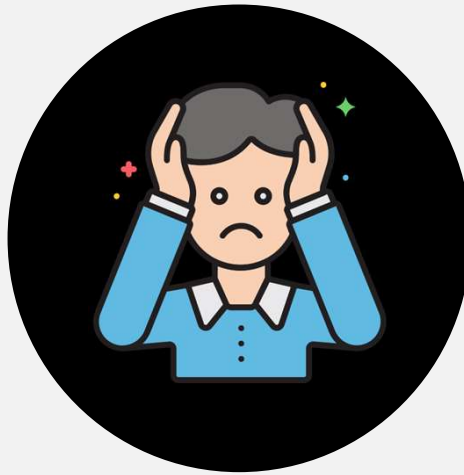
- Installation cost
- Maintenance cost

Problems



Cost

- Installation cost
- Maintenance cost



Anxiety

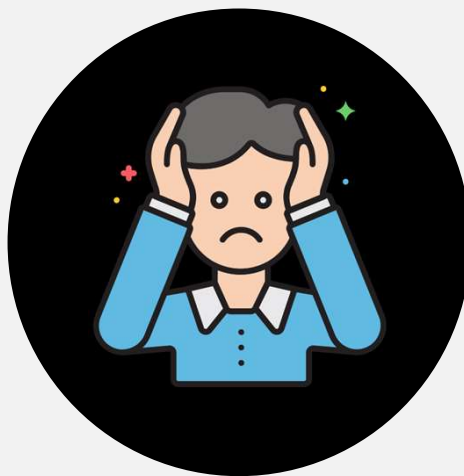
Environmental changes

Problems



Cost

- Installation cost
- Maintenance cost



Anxiety

Environmental changes



Communication

- Absence of mental support
- Lack of direct communication

최6

따라서 우리는 문제점을 크게 비용, 심리적인 불안함, 그리고 인터폰의 사용으로 잡았다.

최동희, 2020-10-17

Conclusion

Prioritization

Goals	Cost	Communication	Anxiety	Sum/Win
Cost	....	1+1+1+1	1+1+1+1	8
Communication	0+0+0+0	....	0+0+0+0	0
Anxiety	0+0+0+0	1+1+1+1	....	4
Sum/Lose	0	8	4	....

Conclusion



Conclusion

Question

Would there be any method to figure out the amount of pain if patients with mental illness cannot express it themselves?

Source

<https://www.flaticon.com/>

http://ojsfile.ohmynews.com/PHT_IMG_FILE/2020/0310/IE002614208_PHT.jpg

<https://www.kha.or.kr/main>

<https://www.pharmnews.com/news/articleView.html?idxno=100043>

Thank You!