

Problems of patients with mental illness in NPU

Team 5

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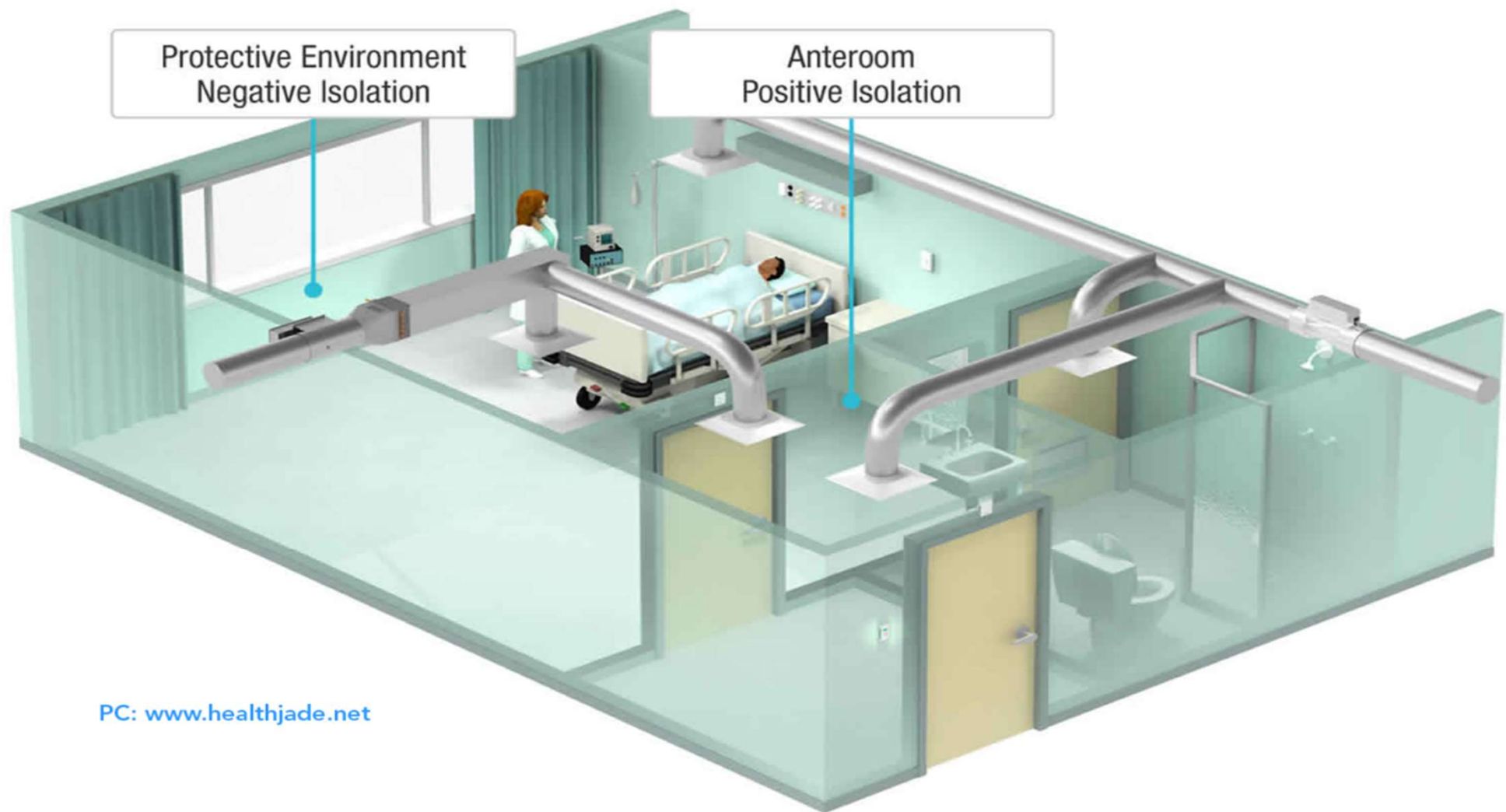
What is NPU?

- **NPU?**

- Negative Pressure Unit.
- Special hospital room for the isolation of infectious disease patients.
- Use pressure to isolate and prevent infection between room.

- **Features**

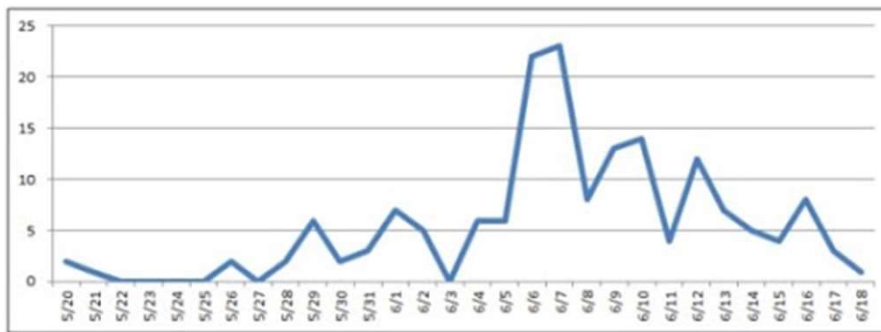
- Single room, fully sealed.
- Restricted Entrance
- Complex entry system



PC: www.healthjade.net

Why we use NPU?

- Many infectious diseases are transmitted through the air.
- EX) COVID-19
 - can be infected by the virus in tiny droplets or particles
- NPU => treat with minimal threat of further infection.



The number of person infected with MERS in KOREA, 2015

<https://www.yna.co.kr/view/AKR20150611106500052?input=1195m>

NPU constraints

- **Physical constraint**
 - restriction of radius of action
 - constraint of basic desires
 - Food, Sex, Sleeping environment
- **Mental constraint**
 - difficulty in relieving stress
 - social impossibility
 - a break in human relations and communication
 - fear of uncertainty



Cause of Mental Illness

- **Depression**

Why?? => A basic symptom of mental illness.

Where social disconnection affects depression
ex) Covid Blue



What cause problems to patients in NPU?

- **Restriction of radius of action**
 - decreased activity => increased depression
 - Increase hysteric stress
 - It can cause another mental illness.
- **Restrictions on access of menta medica staffs.**
 - Non-face-to-face counseling(Not effective)
 - Emergent situation
 - More stresses
 - Using mental illness treatment devices