A Project for Reducing the Incidence of Pressure Injuries in the General Ward
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Background
- The incidence of pressure injuries is a quality indicator, it reflects the quality of clinical nursing. Pressure injuries may yield pain and infection, reduce the quality of life for inpatients, increase the length of stays and medical costs.
- The incidence of pressure injuries in this general ward of medical center showed an upward trend year by year from 2015 to 2018. The incidence in January 2018 was 0.348%, it exceeded the threshold 0.128%. The implementation rate of pressure injury prevention was only 5.9% among high-risk inpatients (Braden scale ≤18) in April, 2018.

Purpose
- Improve the implementation rate of pressure injury prevention
- Reduce the incidence of pressure injuries

Methods
- The project team conducted literature review, direct observation, brainstorm, investigation, interview, and examination of knowledge and skill.
- According to the Plato chart (Figure 1), on the basis of 80/20 rules, the main 80% causes from most to least was lack of knowledge, negligence of changing position, incomplete hand-off about risk factors and precautions, and misunderstanding of duties to change position.

Results
- The accuracy rate of nurse staff’s knowledge and skill increased from 62.5% to 83.5% and 50% to 78% respectively. (Figure 5)
- The implementation rate of pressure injury prevention increased form 5.9% in April to 84.2% in September. And it maintained to 83.8% in October, 2018. (Figure 5)
- The incidence of pressure injuries was both 0% in September and October, 2018. (Figure 6)

Conclusion
- This project could serve as a reference for clinical care units to improve the implementation of pressure injury prevention and reduce the incidence of pressure injuries.