



Nightingale's Environmental Theory

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TOPIC

1. Major concepts of Nightingale's theory

2. Assumptions Nightingale's
environmental theory

3. Application of Nightingale theory
in nursing process



Nightingale Statue, London Road,
Derby

Nightingale's History

Major concepts as defined in Nightingale's model

Metaparadigm	Definition
Person	Recipient of nursing care Holistic view of people
Environment	External (Temperature, bedding, ventilation) Internal (food, water, and medications)
Health	"Not only to be well, but to be able to use well every power we have to use" (Nightingale, 1969, p.24)
Nursing	To alter or manage the environment to implement the natural laws of health Natural laws.

2. Assumptions Nightingale's environmental model of nursing

- 1. Natural laws:-...based on the laws of health**
- 2. Mankind can achieve perfection**
- 3. Nursing is calling**
- 4. Nursing is an art and a science**
- 5. Nursing is achieved through environmental alteration**
- 6. Nursing requires a specific educational base**
- 7. Nursing is distinct and separate from medicine**

***Notes on Nursing:
What it is and what it is not***

(Nightingale, 1992)

VENTILATION AND WARMING

HEALTH OF HOUSES

PETTY MANAGEMENT

NOISE

VARIETY

TAKING FOOD

WHAT FOOD?

BED AND BEDDING

LIGHT

CLEANLINESS OF ROOMS AND WALLS

PERSONAL CLEANLINESS

CHATTERING HOPES AND ADVICES

OBSERVATION OF THE SICK

The components in Nightingale's Model

List	Description
1. Ventilation and warming	Patient's room: ventilated, free of odors Room's temperature-warm
2. Health of houses	Up to 1) Pure water, 2) Pure air, 3) Efficient drainage, 4) Cleanliness, and 5) Light (Nightingale, 1860).
3. Petty management	Continuity of care
4. Noise	Sound/ music/song/be quiet
5. Variety	Patient's room facilities (avoid boredom, depression)

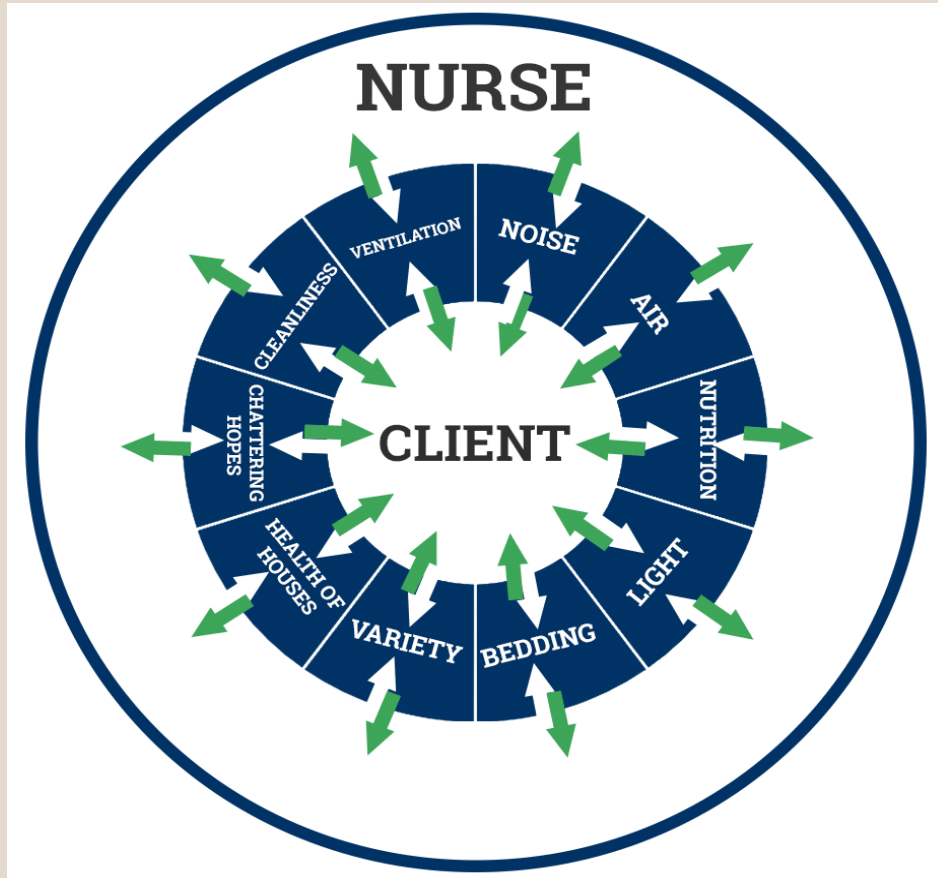
The components in Nightingale's Model

List	Description
6. Food intake	Record amount of eating/problems
7. What food	Food preference
8. Bed and bedding	Cleanliness, dry & wrinkle free
9. Light	Adequate light through the pt's room

The components in Nightingale's Model

List	Description
10. Cleanliness of rooms and walls	Keeping the environmental clean.
11. Personal cleanliness	Personal hygiene (clean & dry)
12. Chattering hopes and advices	Giving fact with benefit
13. Observation of the sick	Making observations and documentations

Nightingale's Model



Physical environment

Psychological environment

Social environment

Philosophy of nursing

3. Steps of nursing process & Nightingale's ENV. T

1. Health Assessment

2. Nursing diagnosis

3. Planning and expected outcome of nursing

4. Implementation

5. Nursing evaluation



Source <https://nurseslabs.com/nursing-process/#h-nursing-process-steps>

The background features a light grey base with several organic, overlapping shapes in muted green and brown. A white silhouette of a pine branch is visible in the upper left. A white line with a wavy, organic path curves across the bottom right. The text 'CASE STUDY' is centered in a bold green font within a brown circular area.

CASE STUDY

Summary: Nightingale Theory

: Built environment on health

: ...To be well but to be able to use
well every power we have...



Source: McEwan, M., & Wills, E. M. (2021). *Theoretical basis for nursing*. 5th Ed. Lippincott Williams & Wilkins.



Thank you
for your attention

Q&A