

[Academics] Ken Terui (Part-time Lecturer) , Hideya Kokubun (Part-time Lecturer),Yoko Tsukamoto

[Course aims]

The home use of drugs with major side effects, such as anticancer drugs, narcotic analgesics, and interferons, has been increasing alongside the progress in home treatment. Thus, we will cover the pharmacological effects, the side effects, the perspectives, and the problems for the self-management of these drugs and discuss supporting the promotion of adherence.

[Course objectives]

The goals of this course are for the student to be able to:

1. Understand drug treatment methods associated with the progress in home care based on institutions.
2. Explain pharmacological effects, pharmacokinetics, and adverse effects.
3. Understand the concept of providing support for promoting patient adherence during home care.

[Course content]

Class	Theme	Content	Academics
1	1. The role of nurses in drug administration for cancer patients being treated at home	1) An overview of a patient-centered Home Care Model 2) The value of drug treatments for cancer patients being treated at home, and the role of nurses	Yoko Tsukamoto
2 { 3	2. Progression and the system of treatment at home. Expansion of usable drugs and the associated systems (consultancy fee for drug control by visiting home care patients, consultancy fee for self-administration to home care patients) 3. Problems in self-administration (support to promote adherence to treatment)		Ken Terui Hideya Kokubun
4 { 7	4. Pharmacological action, pharmacokinetics, side effects, and precautions for the use of drugs at home	1) Analgesics (opioid, non-opioid) 2) Steroids, immunosuppressive drugs, anticancer agents 3) Antibiotics	Ken Terui Hideya Kokubun
8	5. The present situation of drug treatment methods for cancer patients being treated at home	General drug treatment methods for the management of symptoms: Case-based discussion	Yoko Tsukamoto

[Grading policies]

Evaluated is based on the graduate school grade evaluation standard.

[Remarks]

Textbook: Designated as needed.

[Preparation for course]

Carefully read the documents pertinent to the teaching unit before arriving.