	Lecture contents	Lecturer
1	Osteoporosis and vitamin D	Yutaka Taketani
2	Regulation of phosphate homeostasis and disease	Yutaka Taketani
3	Nutrition support of liver cirrhosis	Hisami Okumura
4	Endoplasmic Reticulum Stress and diseases.	Masashi Masuda
5	Early enteral nutrition	Hiroshi Sakaue
6	Diarrhea	Hiroshi Sakaue
7	Nutritional management in critically ill patients	Rie Tsutsumi
8	Energy homeostasis and Obesity	Masashi Kuroda
9	Diarrhea-1	Akira Takahashi
10	Diarrhea-2	Akira Takahashi
11	Hospital-acquired infection	Akira Takahashi, Takaaki Shimohata
12	Intestinal flora	Akira Takahashi, Takashi Uebanso
13	Nutritional management in patients with chronic kidney disease	Yasuhiro Hamada
14	Nutritional assessment in cancer patients	Sonoko Yamada
15	Bariatric surgery and nutrition	Hideya Kashihara
16	Perioperative care and nutrition	Hideya Kashihara