

Category (科目区分)	Specialized subjects / Oncology Specialist Training System		
Course Title (授業科目名)	precision medicine, rare cancer, therapy and care for children and the aged		
Instructors (担当者名)	Hiroyuki Shibata	Academic Year (配当年次)	All grades
Required Course / Elective Course (必修/選択)	Selective	Credits (単位数)	2
Class Format (授業形態)	Web class		
Schedule (開講期間)	2023 April-2024 March		
Class Date/Period (開講曜日・時間)	――		
Course Outline/ Course Objectives (授業の概要・到達目標)			
It is very important to treat cancer patients based on the precise information obtained from cancer genome analysis. We call it precision medicine. It is matched to the theory of cancer biology. It leads to the personalized treatment. This method is also good to control adverse events. Team treatment is a good solution of the complicated cancer treatment and care. This lecture is very useful for the doctors in the future.			
Course Planning (授業計画)			
	Course Outline/ Course Objectives(授業の概要及び到達目標) (Contents of Class) (授業内容)	Instructor (担当教員名)	Department (講座名) Class Room [実施場所]
1	Cancer rehabilitation	Yoshishige Abe	Chiba Prefectural University of Health Science
2	Care for cancer children	Michihiro Yano	Dept. Pediatrics
3	How to be a cancer pharmaceutical specialist	Jyunya Sato	International University of Health and Welfare
4	treatment for rare cancer and sarcoma	Eisuke Kobayashi	National Cancer Center
5	Palliative care for cancer patients in rural region	Yusuke Kimura	Iwate medical University
6	Treatment for the aged	Fumio Nagashima	KyorinUniversity
7	Renal cancer	Kazuyuki Numakura	Dept. Urology
8	Hereditary gynecological cancers	Naoki Sato	Dept. Gynecology
9	Palliative care in the home of the cancer patients	Toshiaki Ichikawa	Ryujinkai M.O.
10	Treatment for GIST	Hiroyuki Shibata	Dept. Clinical Oncology
11	Cancer of unknown primary	Hiroyuki Shibata	Dept. Clinical Oncology
12	Surgery for bone metastasis	Hiroyuki Nagasawa	Dept. Orthopedics
13	HDAC inhibitor for lymphoid malignancies	Hiroyuki Tagawa	Kohoku clinic.
14	Chronic myelogenous leukemia	Naoto Takahashi	Dept. Hematology
15	Roles of cancer nurse specialists	Maiko Konno	Dept. Nursing
16	Nutritional support of cancer patients	Hideaki Ando	Dept Clinical nursing
17	Oncologic emergency	Hiroyuki Shibata	Dept. Clinical Oncology
18	Surgical treatment for cancer children	Hiroaki Yoshino	Dept children surgery
19	immunotherapy for malignant melanoma	Shinichi Osada	Dept. Dermatology
20	Impact of cancer immunotherapy	Hiroyuki Shibata	Dept. Clinical Oncology
Grading Criteria (成績評価の基準と方法)			
submission of the report			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
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Coment (その他特記事項)			
Self education by using web classes			