

Course number	Name of the Course			Japanese Name	
HE40141	Coagulation & Fibrinolysis			凝固・線溶学	
Class	Unit	Module	Week	Time	Room
3,4 year	1 unit	Autumn C	Mon	4&5 hour	4B-209
Instructors (Office・Tel・email・Office hour)					
Haruhiko NINOMIYA, MD, PhD (4B-406) (pm 1:00 - pm 5:00)					
Objectives					
To understand the regulatory mechanisms of coagulation and fibrinolysis. To understand the condition of the bleeding and thrombotic disorders due to the disruption of the hemostasis. To understand the diagnostic tests and techniques to diagnose the disruption of the hemostasis.					
Language: ☒ / ☐ Japanese、 ☒ English、 ☐ Bilingual					
	Date	Name of instructor	Lecture outline		
1	1／9 Tue	H. Ninomiya	31) Primary hemostasis		
2	1／9 Tue	H. Ninomiya	32) Secondary hemostasis and fibrinolysis		
3	1／17 Wed	H. Ninomiya	33) Disorders of primary hemostasis		
4	1／17 Wed	H. Ninomiya	34) Disorders of secondary hemostasis		
5	1／22	H. Ninomiya	35) Thrombophilia		
6	1／22	H. Ninomiya	36) Hemostasis: Laboratory testing and instrumentation		
7	1／29	H. Ninomiya	37) Hematology procedures		
8	1／29	H. Ninomiya	38) Bone marrow examination		
9	2／5	H. Ninomiya	39) Automation in hematology		
10	2／5	H. Ninomiya	40) Flow cytometry		
Levels for credit needed	moderate				
Text and materials	Clinical Laboratory Hematology (McKenzie & Williams) 3 rd ed. (Pearson)				
Grade evaluation	End-term examination				
Remarks : e-learning assist via “manaba” (https://manaba.tsukuba.ac.jp/)					
Auto-video recording system-equipped classroom (4B-209)					