

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					
<ul style="list-style-type: none"> ○ 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: <input checked="" type="checkbox"/> / <input type="checkbox"/> Japanese、 <input checked="" type="checkbox"/> English、 <input type="checkbox"/> Bilingual					
	Date	Name of instructor	Lecture outline		
1	1/7	H. Ninomiya	31) Primary hemostasis		
2	1/7	H. Ninomiya	32) Secondary hemostasis and fibrinolysis		
3	1/15 Tue	H. Ninomiya	33) Disorders of primary hemostasis		
4	1/15 Tue	H. Ninomiya	34) Disorders of secondary hemostasis		
5	1/23Tue	H. Ninomiya	35) Thrombophilia		
6	1/23Tue	H. Ninomiya	36) Hemostasis: Laboratory testing and instrumentation		
7	1/28	H. Ninomiya	37) Hematology procedures		
8	1/28	H. Ninomiya	38) Bone marrow examination		
9	2/4	H. Ninomiya	39) Automation in hematology		
10	2/4	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)					