

Course number	Name of the Course			Japanese Name	
HE40013	Practice of Clinical Hematology			血液検査学実習	
Class	Unit	Module	Week	Time	Room
2/3 year	1 unit	Spring C Autumn A	Thu Thu	4hour 4hour	4B113
Instructors (Office・Tel・email・Office hour)					
H NINOMIYA (4B406) / 13:00-17:00					
Objectives					
○Measuring Hb, Ht, RBC, WBC enumeration, Wintrobe's Index, ESR, WBC differentiation, PB film prep, Romanovsky stain, NAP, MPO, NSE					
○Technique & knowledge to make diagnosis of hematologic disorders (PB, BM film)					
Language: <input checked="" type="checkbox"/> / <input type="checkbox"/> Japanese、 <input type="checkbox"/> English、 <input checked="" type="checkbox"/> Bilingual					
	Date	Name of instructor	Lecture outline		
1	7/5	H NINOMIYA	PB film prep		
2	7/12		RBC, WBC Count, Romanovsky staining		
3	7/19		EBC differentiation		
4	7/26		Hb, Ht		
5	8/2		Cytochemistry of WBC, BM cell differentiation		
6	10/4		NAP, NSE (Cytochemistry)		
7	10/11		Acute leukemia diagnosis according to FAB		
8	10/18		ESR , Reticulocytes		
9	10/25		Diagnosis of hematologic disorders from PB, BM, CBC		
10	11/1		Practice EXAM		
Levels for credit needed	Attendance to the class; report submission; practical exam at end-term				
Text and materials	Clinical & Laboratory Hematology (McKenzie)(Pearson)				
Grade evaluation	Report/Practical Examination				
Remarks :					
Manaba (https://manaba.tsukuba.ac.jp/)					