

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	4,5hour 4,5hour	4B113
Instructors (Office・Tel・email・Office hour)					
H NINOMIYA (4B406) / 13:00-17:00 Y KOZUMA					
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	7/6	H NINOMIYA & Y KOZUMA	PB film prep		
2	7/13		RBC, WBC Count, Romanovsky staining		
3	7/20		EBC differentiation		
4	7/27		Hb, Ht		
5	8/3		Cytochemistry of WBC, BM cell differentiation		
6	10/5		NAP, NSE (Cytochemistry)		
7	10/12		Acute leukemia diagnosis according to FAB		
8	10/19		ESR , Reticulocytes		
9	10/26		Diagnosis of hematologic disorders from PB, BM, CBC		
10	11/2		Practice EXAM		
Levels for credit needed	Minimal requirement for credit grant (criteria common to all practical subjects of Sch. Med. Sci.): 1) At least 2/3 attendance to the class, and 2) Submission of reports evaluated as Grade C or higher.				
Text and materials	Clinical & Laboratory Hematology (McKenzie)(Pearson)				
Grade evaluation	In addition to performance in the class and the report evaluation, examinations may be underwent for particular subjects. For this subjected, evaluation is made by 【 Report/Practical Examination】				
Remarks : Manaba (https://manaba.tsukuba.ac.jp/)					