Hb 10g/dl TLC 4000/mm3 plt 200,000/mm3 MCV 65fl MCH 30 1. What is the diagnostic approach to this condition? 2. What is the diagnostic approach to this condition? What are the causes of this condition? Lab investigations show: Hb 11g/dl, MCV 110fl, TLC 5000/mm3 What is the diagnosis? What are the causes of this condition? What is the diagnosis? What investigation needs to be done? A mother brings a one year old baby boy to the hospital with the condition? What investigation needs to be done? A mother brings a one year old baby boy to the hospital wirritability, & wealness. ON EXAMINATION: PALLOR + BOSSING OF SKULL	Total Marks: 30 Obtained Marks: Oniplaints of weakness, lethargy 8 Omiplaints of macrocytic A, MCY 71 Morrocytic A, MCY 71 Morrocytic A, MCY 71 Morrocytic A, MCY 8 eg: Megaloblastic An Morrocytic A, MCY 8 eg: Megaloblastic An Morrocytic A, MCY 8 occupation eg: Dron def. 01 Occupation eg: Anemica of complaints of numbness in the righterian for 2 years. 2866 locytes conc. 01 m 900n conc. 02 ic acid conc. 02	BO O-100 emia Arem J chron
Time Allowed: 60 min 1-A 20 year old female comes to the hospital with the coshortness of breath on exertion On examination: Pallor +, Pulse 100/min, Bp 100/80mmHg Hb 10g/dl TLC 4000/mm3 plt 200,000/mm3 MCV 65fl MCH 30 What is the diagnosis? What is the diagnostic approach to this condition? What are the causes of this condition? What are the causes of this condition? What is the diagnosis in the finger. She is purely veget to the hospital with the cosh investigations show: Hb 11g/dl, MCV 110fl, TLC 5000/mm3 What is the diagnosis? What is the diagnosis? What investigation needs to be done? What investigation needs to be done? A mother brings a one year old baby boy to the hospital irritability, & wealness. ON EXAMINATION: PALLOR + BOSSING OF SKULL	Obtained Marks: 30 Obtained Marks: Oniplaints of weakness, lethargy & Oniplaints of mouth A, MCY 71 Morrocytic A, MCY 71 Morrocytic A, MCY 8 eg: Megaloblastic An Movo eg: Dron def. 01 O2 Morrocytic eq: Anemica of complaints of numbness in the rig tarian for 2 years. 2BC Locytes conc. 01 m 900n conc. 02 ic acid conc. 02	80 80 0-100 emia Anem J chroi
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irritability, & wealness. ON EXAMINATION: PALLOR + BOSSING OF SKULL		σ
HB 4G/DL MCV 45FL SERUM IRON NORMAL SERUM FERRITIN NORMAL 1. What is the diagnosis? 2. What is the confirmatory test? Hb elldrophorous low 3. What happens to Total Iron binding capacity (TIBC)?	ather Biopsy X Ray Nanalysis 02	
Q A 38 year old man presents with a few tender, rubbery to the neck.	lymph cervical lymph node limite	V
1. What is the appropriate investigation to perform after the clinical difference between Hodgkin & not seed. Skenbuy Cell	on Hodgkin lymphoma? 03	

5- A 12 years old girl comes to emergency with the complaint of severe pain in the back & abdomen. He also c/o of excessive fatigue & repeated infections On examination: leg ulcer & leg tenderness Labs show: Hb low MCV normal MCH normal. Peripheral picture shows abnormal cells which sichle all Anemia look like spindles 2. What are the causes? GA replaced by Valine on Chr. 6 - point mutation 01 02 3. Classify hemolytic anemias. A 60yrs old female presents with bone pain & generalized weakness. On investigation she has hypercalcemia & also features of renal failure. Protein electrophoresis shows monoclonal immunoglobulin spike (M protein) Urinalysis shows Ig light chains (Bence Jones protein) What is the diagnosis? multiple mycloma 02 What can be probable radiological findings? 02 What is the particular cell seen on the biopsy & its morphological feature? pleus mablast - vesillar sucher chromatin · Prom single rucholus mallinuc. · Sizaer-mulh-nuc cells Prom nucleo Flame alls Dutcher boolies Russel boolies. Hernolytic Anemia Entrocapsulour Introcopsular 1) Hereditary mayme de imbrane abnormality Discreters of hb synthesis