

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

Pediatric archive (first group 27/8/2024)

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Q1. 8 months baby come to the clinic complains from pallor and blood film show this

*What is the finding seen in blood film

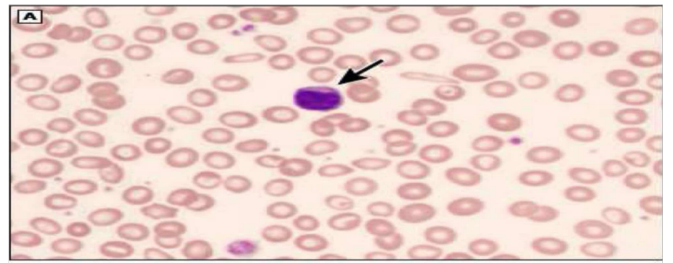
Microcytic hypochromic RBCs

*Write two differential diagnosis

1. Iron deficiency anemia

2. Thalassemia

Heme



Q2. Baby come with this non-blanchable rash on glass test

Write two differential diagnosis

1. HSP

2. ITP

What is the most important test to differentiate between DDX

CBC

Heme



Q3. Write two indications for this formula



GERD



GIT

Galactocemia

GIT

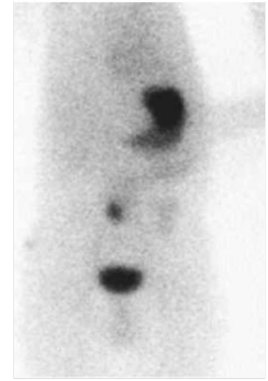
Q4. Baby complain from painless lower GI bleeding

What is the name of of this study

Meckels scan (technetium 99)

What is the traetment of chose

Surgical excision



Q5. CS baby ,his birth weight 4 kg , lethargic and delay passage of meconum assoiated with abnormal movement (jitteriness)

What is the condition present in this image

Short left colon sundrome

What is the cause of jitteriness

Hypoglycemia

Hypocalcemia



Neonate

Q6 Baby come with this lesion present on MRI

What is the diagnonsis

Subgaleal hematoma

What is the complications

Jaunidce

Anemia



Neonate

Q7 Child come with this presentation

Mention three test to confirm your differential diagnosis

Nephro

24 hours urine collection

Lipid profile

Albumin serum level

Mention two complication

Infection

Thrombosis



Q8. Mention two skills

Symbolic play Kissing

What is the developmental age

18 months



Developmental assesment

Q9. Mention two skills present in this image

Responsive smile Fix and follow 180

What is the developmental age

Six weeks

Mention skill in prone postion

Raise head to 45

Developmental assesment



Q10. CSF gram staining for 6 weeks baby show this organism

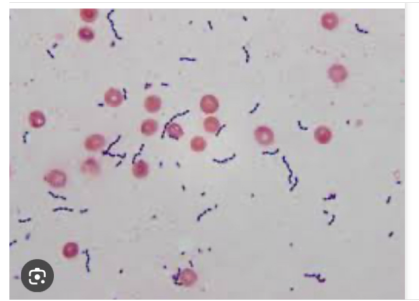
Nuro

What is the causative agent

GBS

What is the duration of treatment

14 days



Q11. VUR image for baby complain from fever

Nephro

Mention two findings on urine analysis support the UTI

Leukocyte esterase

Nitrate

Mention two complications

Recurrent UTI

Reflex nephropathy



Q12. 2 weeks old baby present with fever, lethargy

What is the lab investigation to diagnose

17 hydroxy progesteron level

11deoxycorticosterone and corticosteron

Karyotype, SRY gene, electrolytes

Mention two lines of treatment

High level of corticosteroid (hydrocortisone)

Calcium gluconate if present with (hyperkalemia)

Endo



OSCE

Video station

Baby with stridor and barking cough , mention :

What is the findings in this video

Respiratory distress signs

What is the physical exam can do

Investigations

Finding out CXR

History

One year old infant presented with history of vomiting and diarrhea

Note :

The doctor ask about management if the baby hypotensive and lethargic + signs and symptoms of dehydration

How to calculate the maintenance and deficit fluid

Analysing vomiting					
Asking about onset	0	1			
Asking about frequency (or number)	0	1			
Asking about Character (forceful, projectile)	0	1			
Asking about content of vomitus/ bile or blood in vomitus	0	1			
Asking about relation to meals	0	1			
Analysing diarrhoea					
Asking about onset	0	1			
Asking about frequency (or number)	0	1			
Asking about amount of stool (large stools, watery, bulky)	0	1			
Asking about the presence of mucous	0	1			
Asking about the presence of blood	0	1			
Asking about associated symptoms					
Appetite/ food intake	0	1			
Activity	0	1			
Fever	0	1			
Abdominal pain/ colic/ crying episodes	0	1			
Asking about exposure to contaminated water or food	0	1			
Jaundice	0	1			
Respiratory/ viral symptoms (cough, runny nose)	0	1			
Seizure or abnormal movements	0	1			
Change of urine color or smell	0	1			
Asking about symptoms of dehydration					
Thirst	0	1			
Urinary amount and frequency	0	1			
Past history questions					
Previous history of vomiting and diarrhea	0	1			
Ask about family history					
Asking about contact with sick family members	0	1			
Asking about going to day care or not	0	1			
Drug history (antibiotics)					
	0	1			
<i>After 6 minutes of history taking, please stop the student and ask: If this infants examination was normal, what diagnostic investigations on the stool sample would you like to obtain?</i>					
Answer: Stool for Rotavirus, ova and parasite, and culture	0	1	2	3	4
Overall (organization, systematic, polite, good communications skills..)	0	1	2	3	4