

PARASITIC INFECTION

Q56. Which disease is caused by the following parasite?



1. Pediculosis corporis
2. Pediculosis capitis
3. Pediculosis pubis
4. Scabies

PEDICULOSIS

- Parasitic infection of skin caused by Lice

- Three type

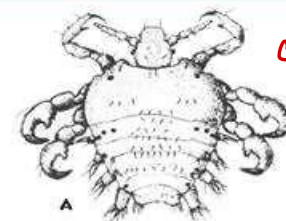
A. *Pediculosis capitis* → scalp hair

B. *Pediculosis corporis* → Body Hair

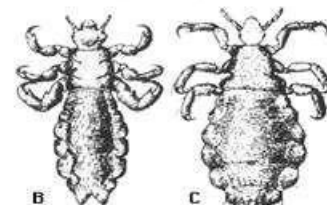
C. *Pediculosis pubis* → pubic Hair

- Clinical feature

➤ Itching
Hypersensitivity Reaction to
the bite (saliva)



CRAB LOUSE
P. pubis



P. capitis

P. corporis

PEDICULOSIS CAPITIS

Parasitic Infection on scalp hair

C/F Itching & 2° Infection

Pustules, regional L-N enlargement

Nits: small, white, tightly adhere Nodule on the hair

(Tx) Permethrin 1% Lotion / Shampoo



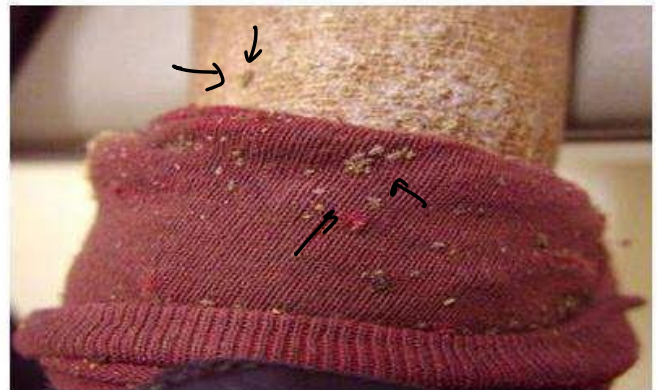
PEDICULOSIS CORPORIS

Parasitic Infection of the body hair

aka VAGABOND DISEASE

Lice remain on the clothing

Tx DC: Disinfecting the clothes.



PEDICULOSIS PUBIS

sexually Transmitted
Infection

CRAB LOUSE :- short/
Broad

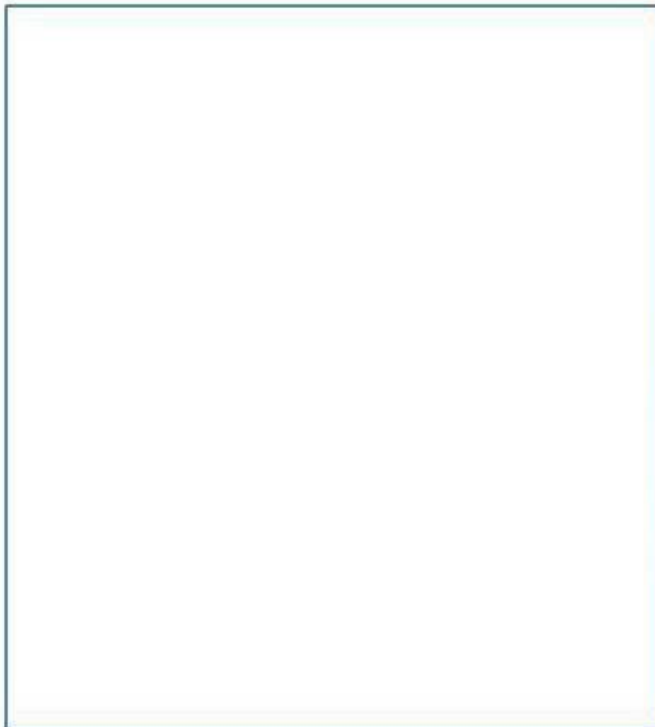


Maculae Circulares

Bluish Discolouration
on the body.



PTHIRIUS PALPEBRUM



Q57. Vagabond's disease is?

1. Pediculosis corporis
2. Scabies
3. Eczema
4. Ringworm

Q58. TOC for pediculosis corporis is:

1. 3 application of BHC
2. 4 application of BHC
3. Disinfection of all cloths and beddings
4. DDT application

scabies

water washed disease

TRIGGER:- poor local hygiene
over crowding
Low socio-economic status.

C/F Nocturnal Itching.

positive family of scabies/similar complaints

Q59. A 6month old female presented with multiple papules & exudative lesions on the face, scalp, trunk and few vesicle on palms and soles for 2 week. His mother has h/o itchy lesions. The most likely diagnosis is:

1. Scabies
2. Infantile eczema
3. Infantile seborrheic dermatitis
4. Impetigo contagiosa

SCABIES

- Parasitic infection/ Water washed disease
- Caused by : *Sarcoptes scabiei*
- Predisposing factors:
 - a) poor local hygiene
 - b) over crowding
 - c) Low socio economic status
- IP- 2-4 wk
- Symptoms:
 - a) Nocturnal Itching
 - b) similar complain in family.



SCABIES ON EXAMINATION

Burrow: Tract in
str. corneum



Papule, pustule

Nodules : scrotum/
penile shaft



Excoriation

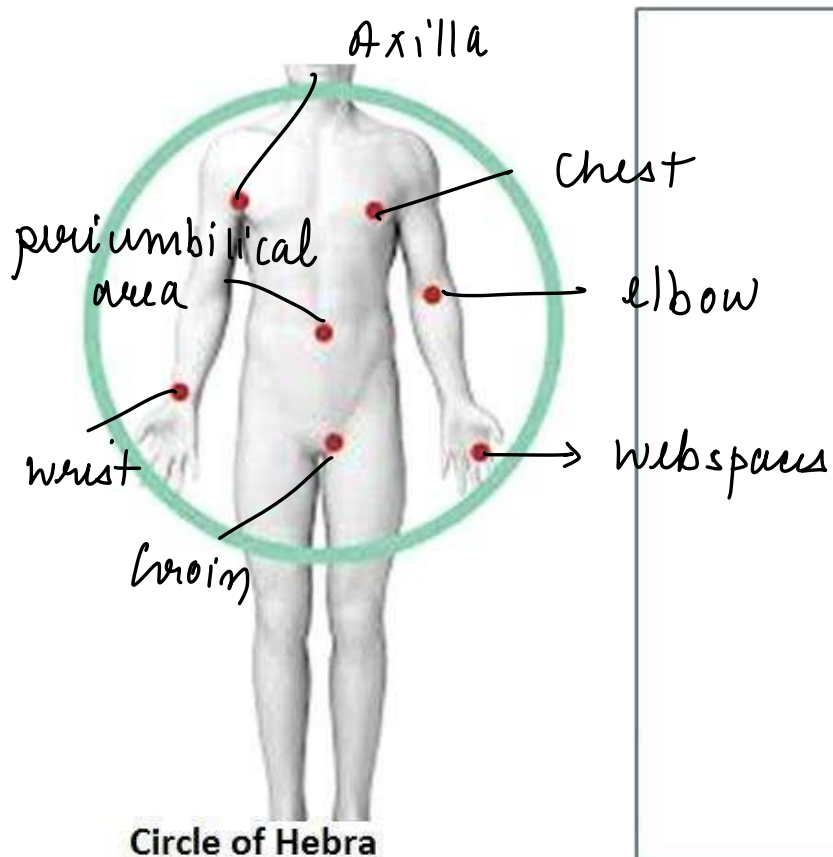


ECZEMA TITZATION

children = Involvement
of whole body



SITE



scalp + Face
spread



sebum → Antiscabetic

VARIANTS

1. Norwegian scabies: / CRUSTED SCABIES

- Severe form

- Occurs in:

- Mentally Ill
- Immuno compromised
- Elderly bedridden

- C/F-

Crusted lesion all over
The bodies



2. Scabies Incognito

2^o steroid
Abuse

TREATMENT

- Principles-

✓ Treat all the affected individual together

✓ Wash all the cloths and bedding

- Drugs → topical

① Permethrin 5%. TOC
MOA: Na⁺ channel on parasite nerve

② GBL (Gamma Benzyl hexa
chloride)
or LINDANE
MOA: Cholinesterase Inhibitor

C/I children, pregnant,
Lactating ♀

③ potassium sulphur
MOA: Keratolytic drug.

systemic (oral)

Ivermectin

MOA: GABA gated
Chloride channel

C/I children
pregnant/
Lactating ♀