



Kazmls Bioscience Labs

A Chemist's View for Biological Chemistry...

Head Lice Management

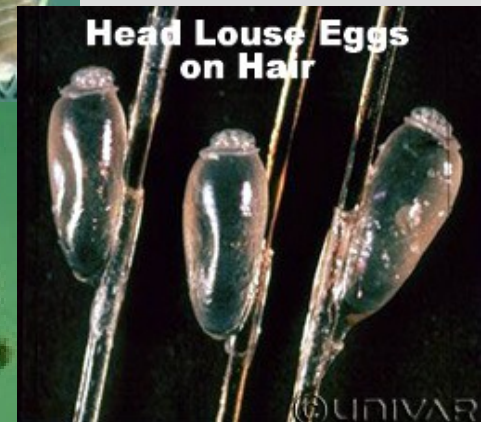
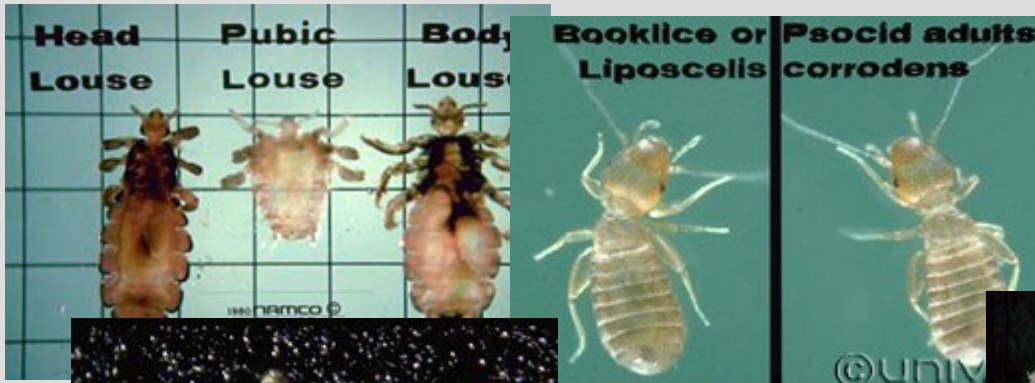
By

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Types of lice



Three Types Louse



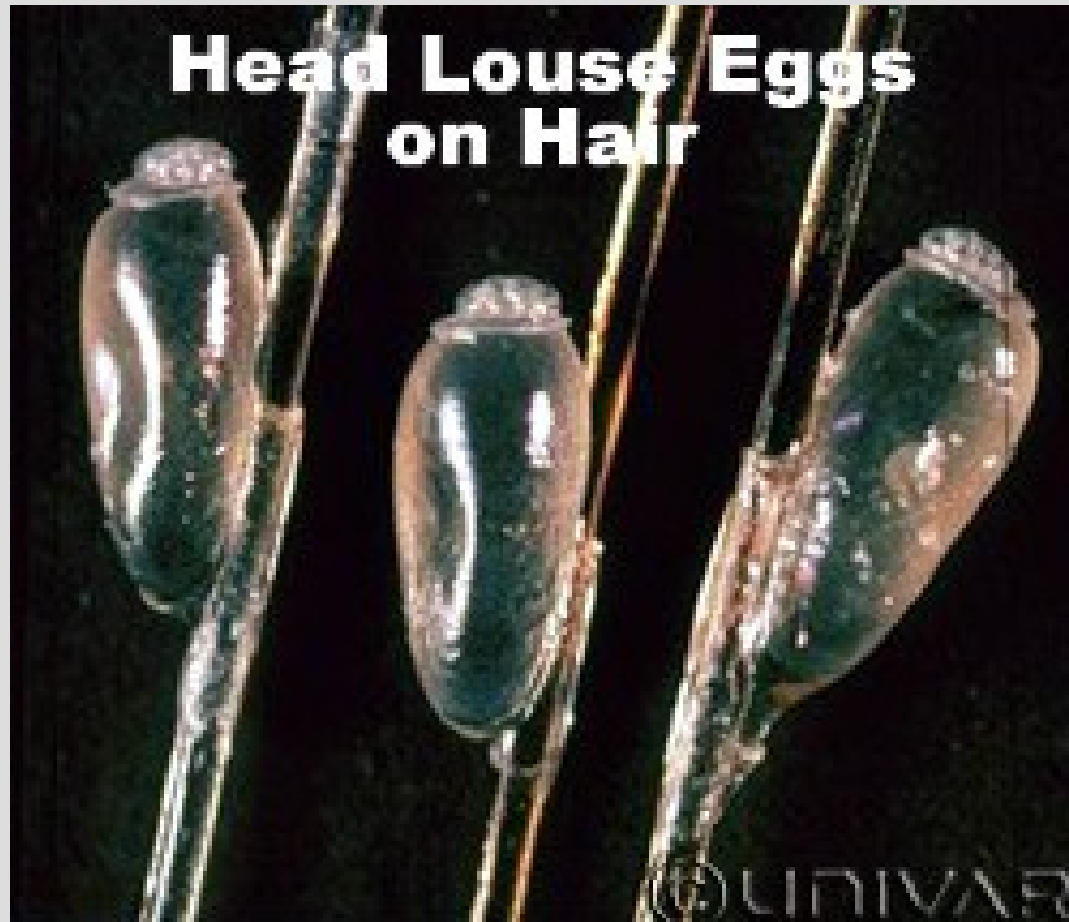
What are head lice, and how do they differ from other lice?

- Head lice (*Pediculus capitis*) are small parasitic insects exquisitely adapted to living mainly on the scalp and neck hairs of their human host.
- Head lice are mainly acquired by direct head-to-head contact with an infested person's hair, but may infrequently be transferred with shared combs

How they survive

- Head lice derive nutrient by blood-feeding once or more often each day, and cannot survive for more than a day or so at room temperature without ready access to a person's blood
- A female louse may deposit more than 100 eggs at a rate of about six eggs each day
- It attains the adult stage about 9-12 days after hatching

Nits (eggs of lice)



Body lice (*Pediculus humanus*)

- As the name implies, body lice generally feed on the body, but may rarely be discovered on the scalp and facial hair.
- They usually remain on clothing near the skin, and generally deposit their eggs on or near the seams of garments.
- Body lice are acquired mainly through direct contact with an infested person or their clothing and bedding,
- A change to clean clothes, and laundering of infested garments are generally effective to eliminate this burden.

Diseases Vector

- Body lice serve as vectors of certain human pathogens
- Head lice or Pubic lice, are NOT a vector of Disease.

Pubic or crab lice

- **Pubic or crab lice** (*Pthirus pubis*) have a short crab-like body easily distinguished from that of head and body lice.
- Pubic lice are most frequently found around the pubic region of the infested person, but may also be found elsewhere on the body (including facial hair and eyelashes).

How to remove lice

- Mechanical
- Nit Comb
- Anti-lice lotion (pediculicide Chemical)

Mechanical removal

- Mechanically removing lice and nits can be an effective but time-consuming method. Because most eggs will be non-viable, their removal is often impractical and unjustified.
- An infestation may be eliminated by combing each day to remove the live lice (including those that have hatched since the previous day).
- Comb daily until no live lice are discovered for about two weeks.

Nit Combs

- Nit combs can be useful in removing lice and eggs
- straight hair is usually readily combed, tight curls may present an impossible and impractical challenge.
- Hair should be cleaned and well-combed or brushed to remove tangles before attempting to use a Nit comb.
- Clean the Nit comb frequently to remove any caught lice or eggs.
- It may require several hours each night for several nights to tackle the problem.

Anti-lice Chemical Lotion- Kazmis Noninit

- This product kills lice but have limited ovicidal (egg-killing) activity.
- A second treatment is often necessary about 10 days later to target lice that hatch after the initial treatment.
- Susceptible lice do not fall from the hair or die immediately upon treatment with Kazmis Nonynit ; one should wait until the next morning to determine the fate of treated lice.
- As is true of any pediculicide, do not remove the eggs from the hair.

Other Methods

(Not Prescribed)

- Essential Oil
- Enzyme treatment
- Antibiotics
- Anti parasitic drugs
- Suffocating agents
- Heat
- Freezing
- Haircut
- Soaps, Dyes & Bleaches

How *Kazmis Noninit* works

- Noninit is a pyretheroid based product especially formulated as per WHO & EPA USA recommendation for hair lice applications
- Noninit is to apply on hair, 10 ml, (*wash the hands immediately with soap*) for 10 minutes, comb the hair with nit comb for 2 minute, and then wash your hair with any good shampoo.
- After 10 days repeat the procedure again
- Your hair will remain clear from lice for one year if you protect yourself properly.

Availability

Kazmis

Noninit

is available

at

KAZMISBIOSCIENCELABS

87 Bhayani Shopping Centre, North Nazimabad, Karachi.

Tel 9221-6670676, 6646291,

Mob: +92321 2121 060

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The End