



Lice - A Challenging Pest

(Insert presenter's name)





Public Health and Head Lice in Winnipeg

- Standardize practice
- Develop research- based guidelines
- Problem solving tools





Head Lice Facts

- Are endemic like the common cold
- On the increase since the 70s' in North America
- Occur 12 months of the year



Head Lice Facts



- Head lice prefer clean heads and are not an indication of poor hygiene
- Do not fly or jump!
- Do not cause or carry disease



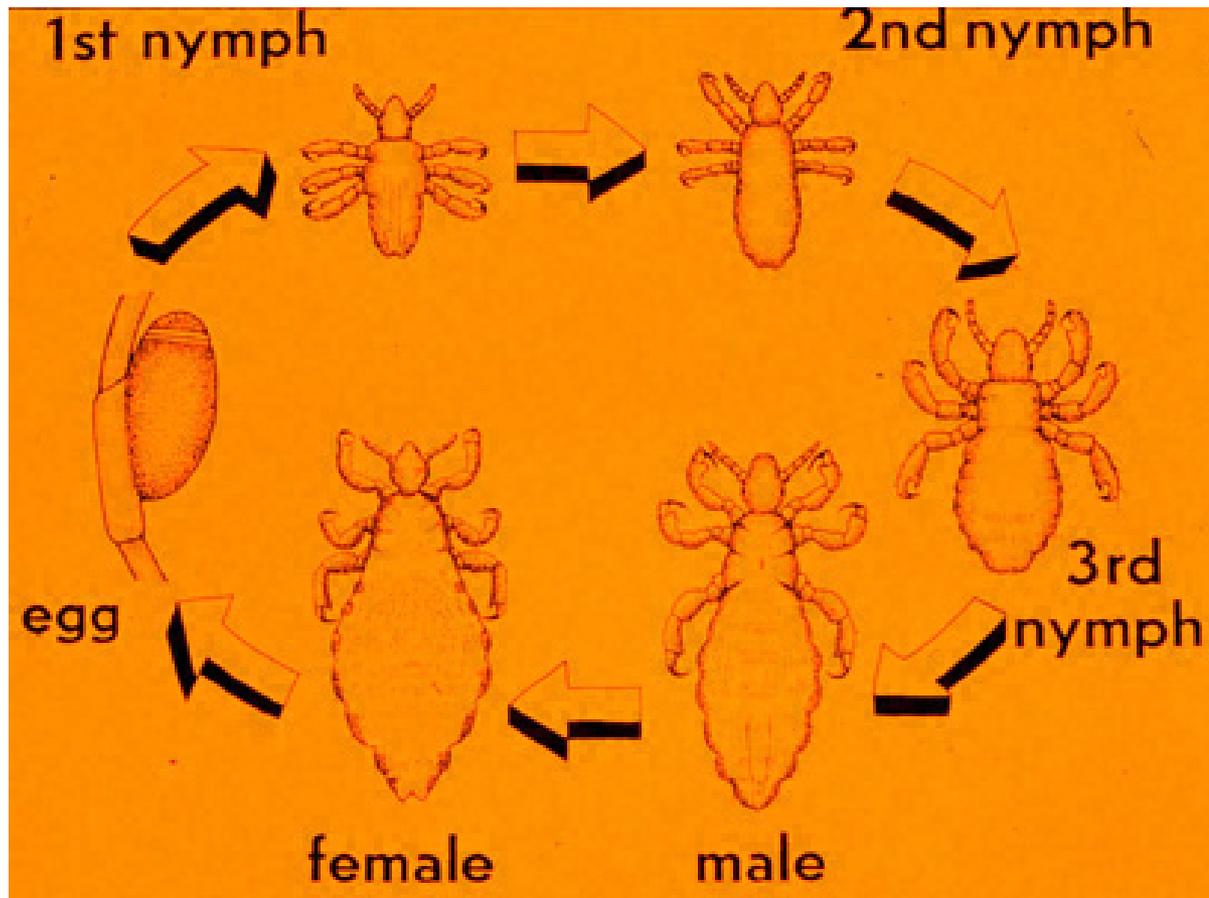
Head Lice Detection



- Parents/Guardian are the best persons to screen their children for head lice on a regular basis.
- A designated head lice person in school, day care is not an effective control method



Head Lice Life Cycle





Adult Louse and Nymphs



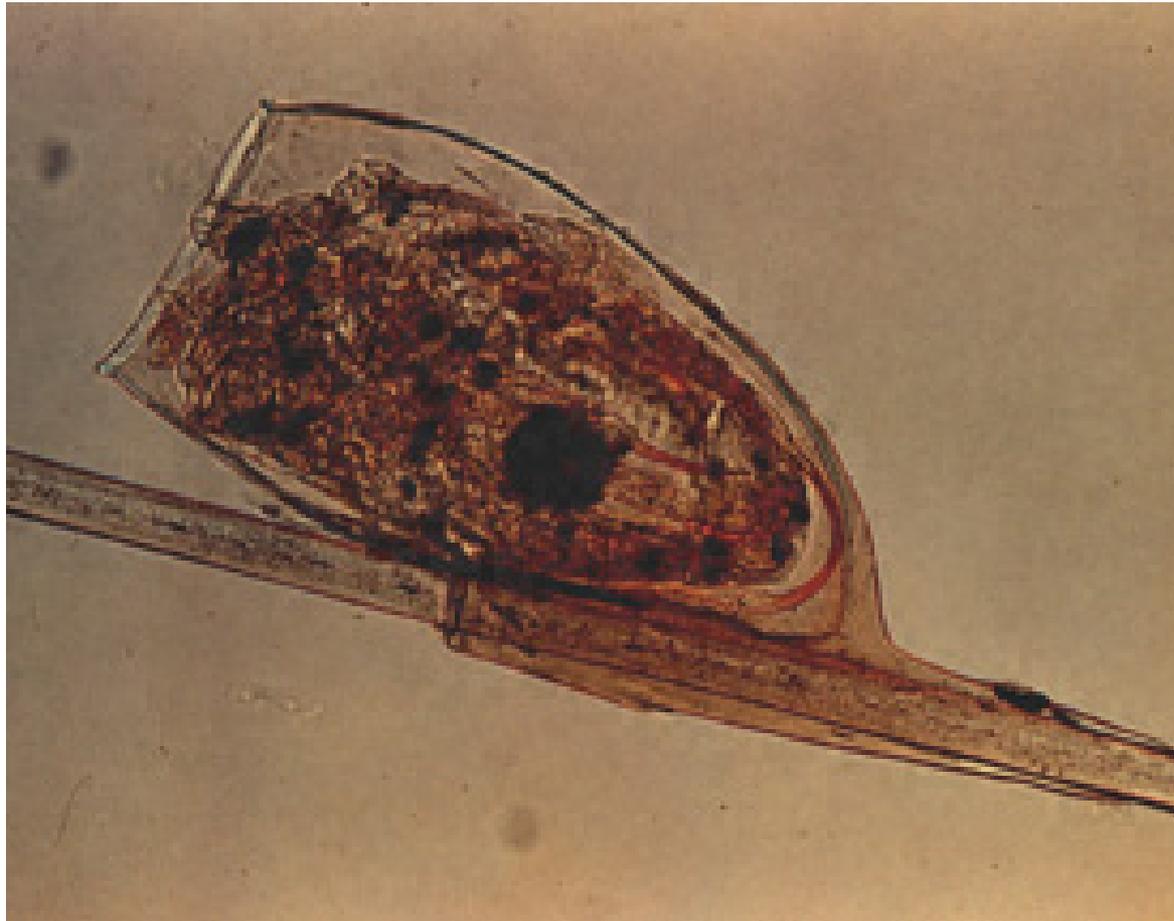


Adult Louse and Nymph



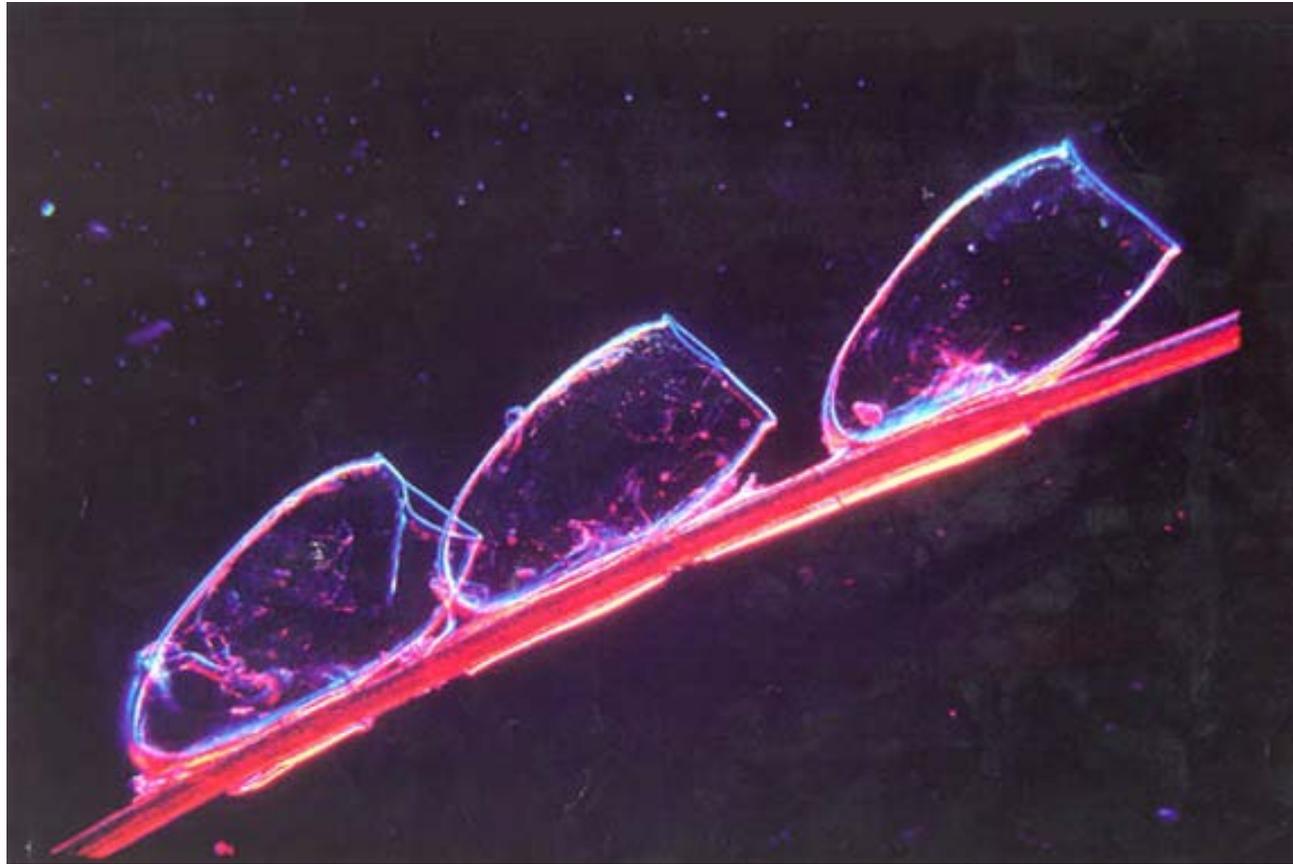


Head Louse Nit (Viable)





Empty (non-viable) Nits





Head Lice Nits





Pre-Treatment Tips

Allow Time-there's no short cut!



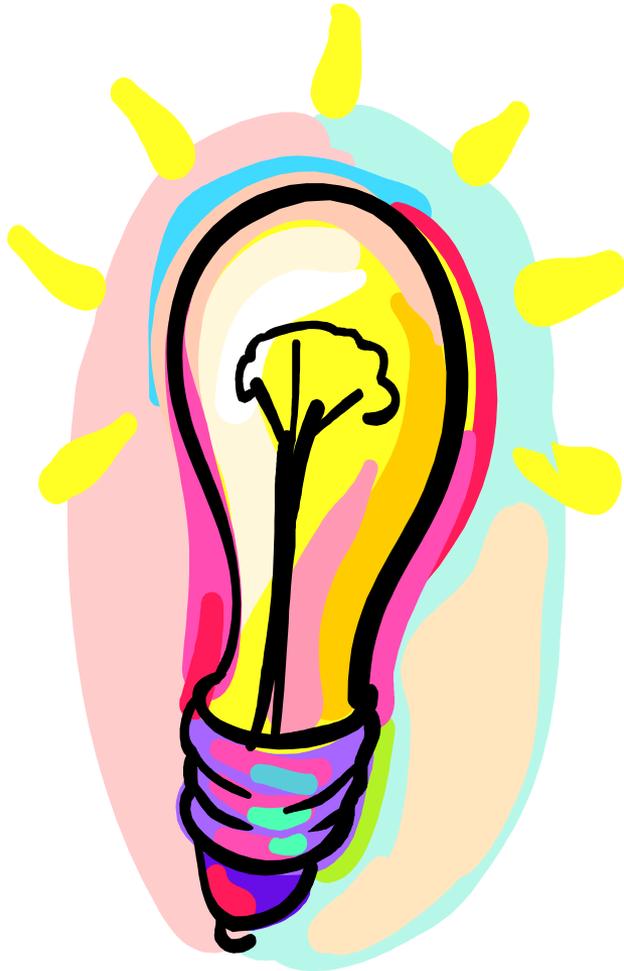
Assemble supplies

Wash hair with plain shampoo or dishwashing detergent before treatment

Notify school, contacts



Pre-Treatment Tips



Brush hair vigorously over a white towel

Pick nits*****

Read product instructions carefully

Make sure you use enough product -may require more for longer thicker hair



Treatment

Pediculocides

NIX, Kwellada-P (permethrin)

R+C- pyrethrin

Other treatments –vaseline, olive oil, tea tree oil
(research lacking re: effectiveness)

Resultz- new product, non-pediculocide-research
not complete but looks promising.



Treatment Tips

No pediculocide is 100% ovicidal
therefore NITPICKING is important

Repeat treatment in 7 days

Only treat those infested with lice in a
family-check the rest daily for 2 weeks.



Environmental Cleaning

Major household cleaning not necessary

Do not use sprays

Clean items that come in contact with the
head and neck.



Head Lice Resistance to Pediculocide

Can be seen after numerous applications
with the same product during that
current infestation



Exclusion Policies

Manitoba Health Pediculosis protocol states “ that children may return to school after the first treatment has been completed and as many nits as possible removed.”



“No nit” policy

Not effective
according to research

Disruption of school ,
home and work life





WRHA Strategy



Education +++ with
effective resources

Partnerships with
stakeholders

Problem Solving
Methods to manage
complex issues