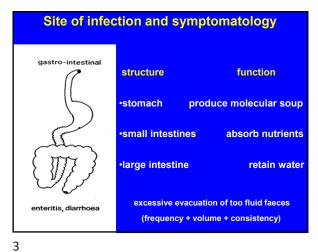


## Parasitology re-defined!

I am a COPROLOGIST proud to study ..IT. **Not Information Technology** nor International Trade More like Internal Trafficking of digesta previously made.

I revel in the baseness, the beauty of the beasts, the cunning little parasites indulging in my feasts.

1 2



**Diarrhoea** 

## Five main types

- secretory
- osmotic
- exudative

4

- malabsorptive
- deranged motility

scours



Coprological techniques

**Clinical score** (volume/composition) **Stained smear** (low sensitivity) (increased sensitivity) Concentration

sedimentation (worm eggs)

- floatation (protozoan cysts) (fat)

filtration (worm larvae) (f-I) (? specificity) **Immunodiagnosis** 

- immuno-label (IMS)

copro-Ab+Ag (IgA; parasite extracts)

Molecular diagnosis (? specificity)

- PCR amplification (parasite DNA/RNA)

**Concentration techniques** <u>sedimentation</u> water eggs/cysts sink floatation salt/sugar solution eggs/cysts float (high specific gravity)

5 6

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