

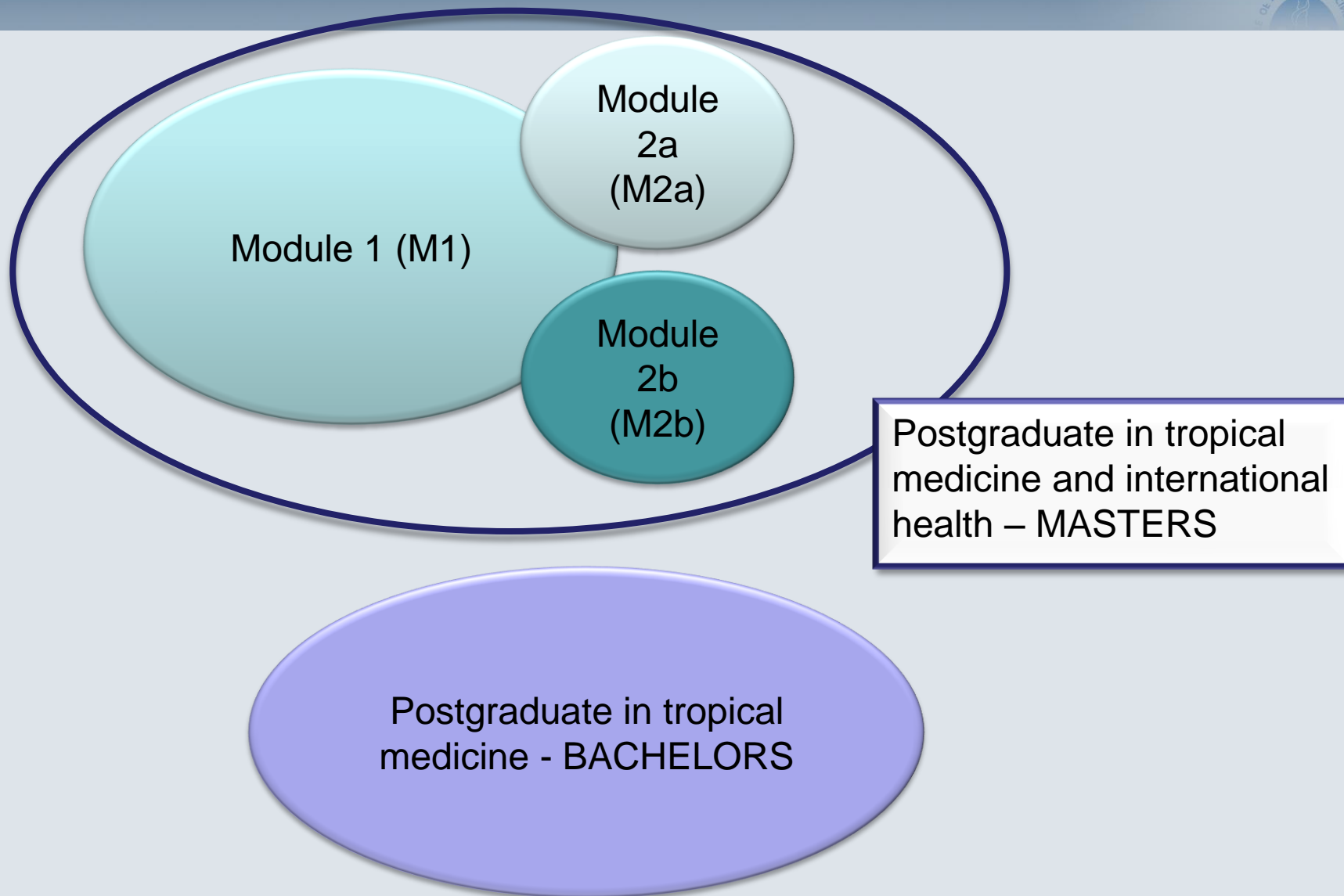


Postgraduate training in tropical medicine and international health

Institute of Tropical Medicine, Antwerpen

www.itg.be – education

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Introduction to international health (M1)



- **Targeting**: Health professionals with master degree
- **Rationale**: Health care provision, health service organisation and disease control in LRS - population level thinking
- **Key features**: Thematic blocks - Integrating disciplines
- **Teaching methods**: State of the art lectures, interactive classes on conceptual models and tools, skills training, group work
- **Core Module** of MIH (tropEd)/MPH (ITM) – 20 credits

- **Thematic blocks:**
 - Health problems:
 - TB
 - HIV/aids
 - Vector-borne diseases
 - Social group
 - Child health and nutrition
 - Maternal health
 - Populations in emergencies
 - Populations in a defined area

Introduction to international health (M1)



WEEK 4

Integrated TB care

Monday 26/09/11	Tuesday 27/09/11	Wednesday 28/09/11	Thursday 29/09/11	Friday 30/09/11
<p>9:00 - 10:00</p> <p>Calculation and interpretation of indicators</p>	<p>9:00 - 10:00</p> <p>Critical reading</p>	<p>9:00 - 11:15</p> <p>Treatment</p>	<p>9:00 - 10:45</p> <p>Control strategies</p>	<p>9:00 - 10:45</p> <p>Preparation exercise</p>
<p>11:15 - 13:00</p> <p>Epidemiology</p>	<p>10:15 - 13:00</p> <p>Descriptive pathology</p>	<p>11:45 - 13:00</p> <p>Public Health</p>	<p>11:15 - 13:00</p> <p>Public Health</p>	<p>11:15 - 12:15</p> <p>Plenary session - synthesis</p>
<p>14:15 - 16:00</p> <p>Microbiology - diagnosis</p>	<p>14:15 - 16:00</p> <p>Labo</p>	<p>14:15 - 16:15</p> <p>Public health</p>	<p>14:15 - 16:30</p> <p>Clinical case discussion</p>	<p>14:15 - 16:30</p> <p>Model for operational analysis</p>

Assessment of diagnostic and therapeutic approaches

Prioritise interventions

Biomedical and clinical sciences of tropical diseases (M2a)



- **Targeting**: Medical doctors
- **Rationale**: clinical decision making for tropical diseases in LRS – individual patient level thinking
- **Content**: descriptive pathology, laboratory, clinical decision-making, specialties
- **Teaching methods**: State of the art lectures, group work, clinical case discussions, laboratory skills training

Biomedical and clinical sciences of tropical diseases (M2a)



Acute upper abdominal pain



Disease	Priority	Confirmers	Excluders
Liver abscess	High		
Pyelonephritis	High		
Pneumonia	High		
Giardiasis	Low		
Dysentery (incl amoebiasis)	High		
Peritonitis	High		
Myocardial infarction	Low		
Diabetic acidosis	High		
Volvulus	High		
Gastric perforation	High		
Aneurysm	Low		
Ascaris migration	High		
Sickle cell anaemia	High		
Gastritis	Low		
Cholangitis	High		
Reflux	Low		
Cholecystitis	High		
Pancreatitis	High		
Biliary colic	Low		

Acute upper Abdominal Pain

Liver abscess

Pyelonephritis

pancreatitis

Pneumonia

cholecystitis

Dysentery
incl amebiasis

cholangitis

peritonitis

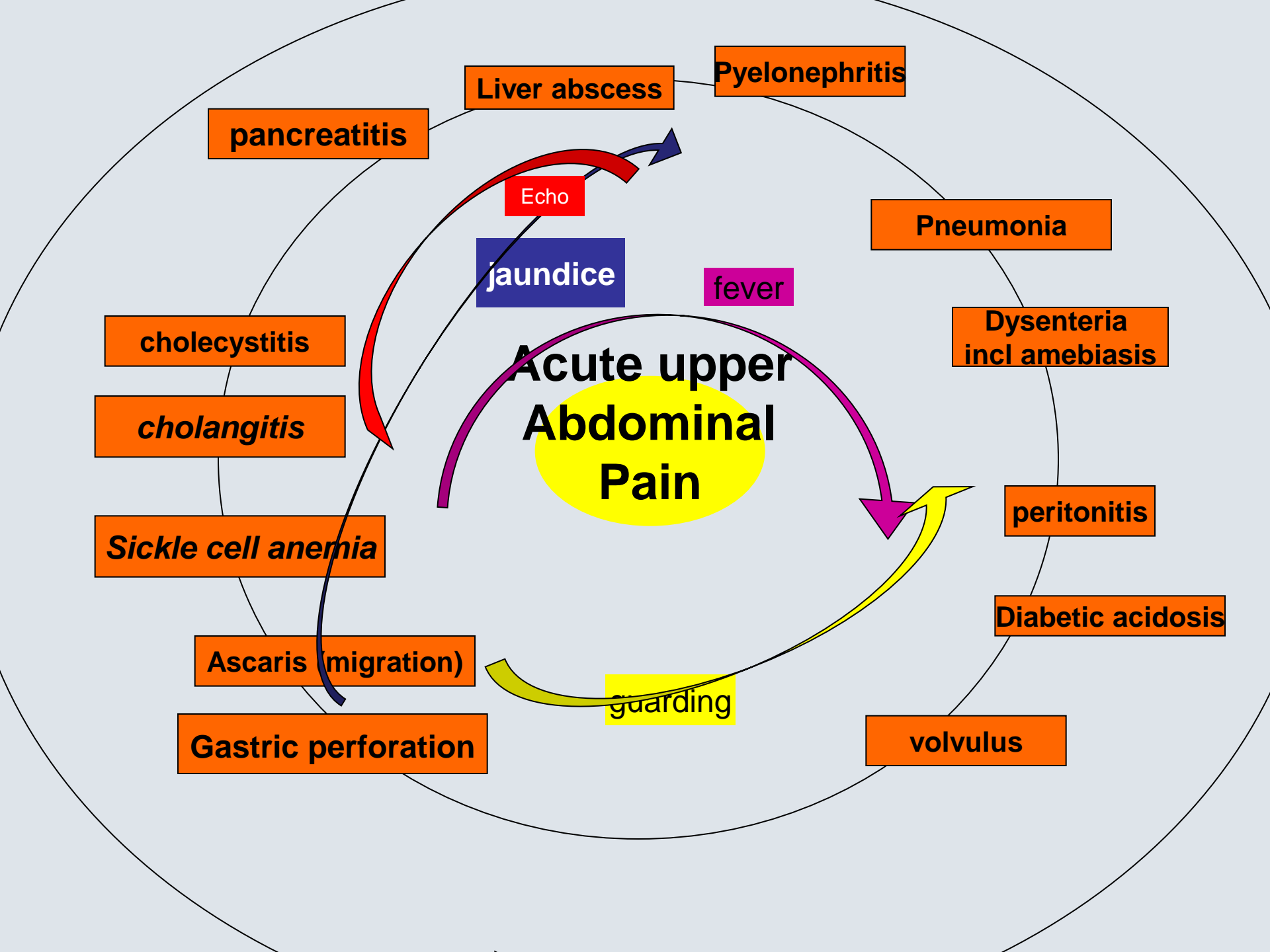
Sickle cell anemia

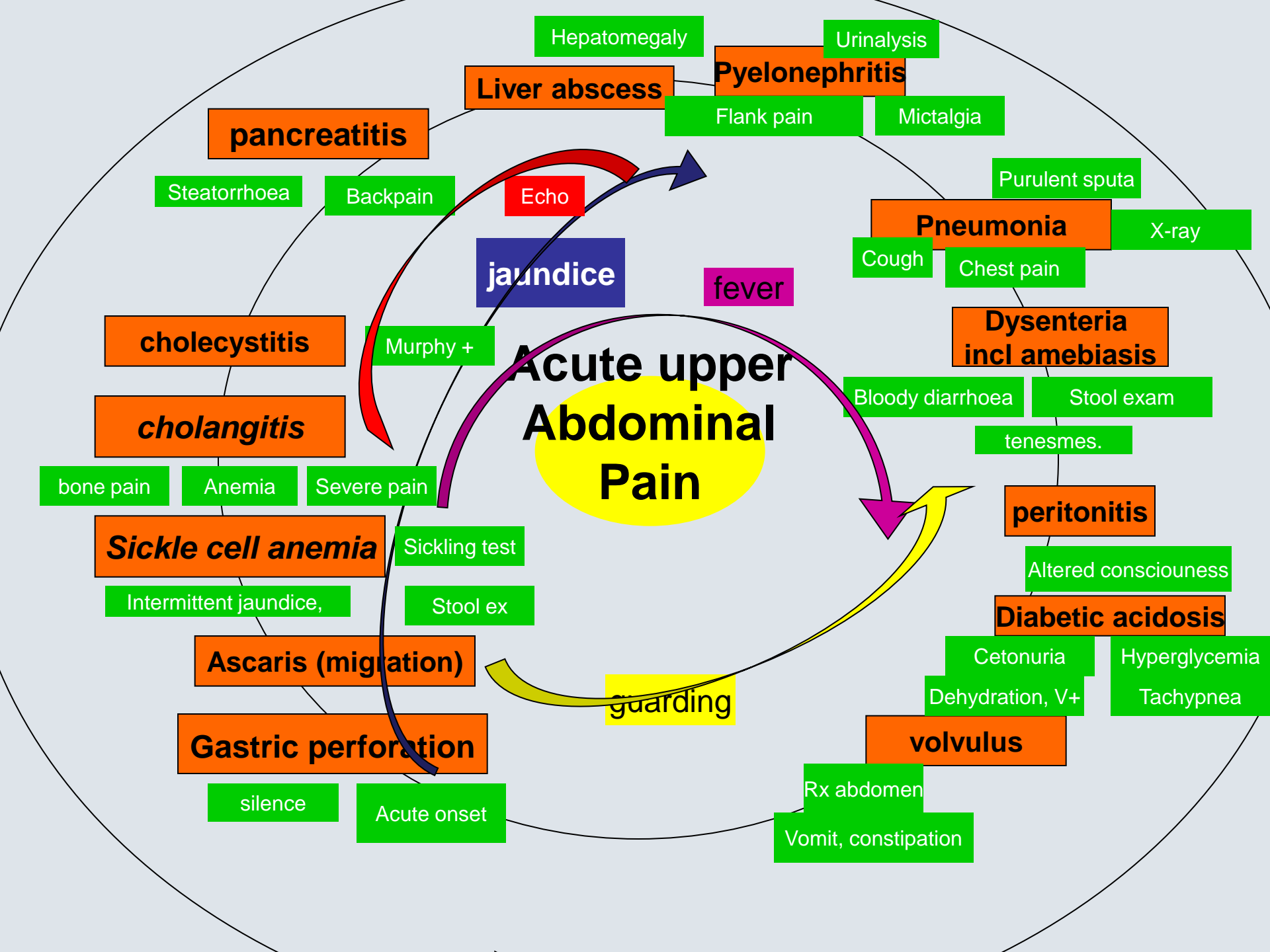
Diabetic acidosis

Ascaris (migration)

volvulus

Gastric perforation





Biomedical and clinical sciences of tropical diseases (M2b)



- **Targeting**: Biomedical/pharmaceutical scientists
- **Rationale**: Managing a district laboratory
- **Content**: tropical medicine, laboratory sciences
- **Teaching methods**: interactive lectures, laboratory skills training, individual assignment

Biomedical and clinical sciences of tropical diseases (M2b)



Renseignement sur test Determine - Message (Plain Text)

File Edit View Insert Format Tools Actions Help
Reply Reply to All Forward

You replied on 27/11/2008 14:00.
This message was converted to plain text.

From: Philippe Travers [coordonateur.m...]
To: Jan Jacobs; pgillet
Cc: Olivier Ricard; 'Agnès Duband'
Subject: Renseignement sur test Determine

Questions from the field: malaria Rapid Diagnostic Test

Bonjour,

J'espère que vous allez bien.

Je suis un ancien étudiant du postgraduate de médecine tropicale (2007-2008) et je me permets de vous contacter pour un renseignement technique.

Je travaille actuellement comme coordonnateur médical de MDH Belgique au Mali. Un de nos programmes appuie des centres de santé dans la mise en place de la PTME. Le problème que nous rencontrons est que beaucoup de centres de santé se trouvent dans des zones reculées et ont plusieurs raisons :

- Les boîtes de test sont souvent en rupture avant la fin de la boîte (apparemment cela raccourcit le temps de validité des tests).
- Les tests sont souvent partagés entre plusieurs centres, et donc certains ne reçoivent pas du tout de tests.

Ma question est : est-ce acceptable et fiable ? A-t-on des raisons de penser que cette méthode est fiable ?

Je vous remercie d'avance pour votre attention et j'en profite pour vous remercier encore une fois pour votre passionnante, a été un vrai plaisir.

Bien cordialement.

Philippe Travers

PS : Philippe, tu as trouvé assez de bénévoles cette année pour la mission trypanosomiase

Can we use water when we are running out of buffer?



Start Internet ... 081127 FA M... 081128 FA M... Bacterio Catalogi Sessi

Malaria Rapid Diagnostic Tests in Practicals



Tests run with distilled water and saline give false-positive results

Postgraduate in tropical medicine



- **Targeting**: Nurses and midwives with bachelor degree
- **Rationale**: Support to the primary care level
- **Content**: tropical medicine and medical care in LRS, health service organisation, management
- **Teaching methods**: Interactive lectures, group work, skills training

Postgraduate in tropical medicine

