Travel Medicine Resources

PHARMAC Travel Medicine Seminar
8th July 2016
Practicing Travel Medicine

- accurate risk assessment of travellers
- need to aware of current travel related hazards
- Many (but not all) hazards are related to infectious disease - epidemiology subject to change
- emergence of new and re-emergence of old infectious disease
- travel medicine advice is given in response to changing epidemiology
“Do I need antimalarial’s”?

O Is malaria endemic in India? Yes? No?
O If so, what is its distribution within India?
O Are some geographical areas higher risk than others?
O Does it follow seasonal trends?
O Are there any current outbreaks?
O Where in India are they going?
O How long for?
O What type of accommodation are they staying in?
Google? Any Good?

Now what?
Travel Medicine Resources

Before you assume, there's this thing called asking.

HgtLyrika.com
Getting to the Source

- Don’t use and trust everything you read on the internet - wikipedia is not a valid source
- Don’t assume the first person who answers the question is correct or the travel company has the right information regarding vaccination requirements and travel health advice
Travel Medicine Resources

**Electronic:**
- World Health Organisation
- Centre for Disease Control and Prevention (CDC)
- NaTHNaC, Fit for Travel
- UpTo Date
- BPAC NZ
- NZ MFaT
- Shoreland

**Publications:**
- Research Reviews
- MIMS Travel Medicine Guide

**Affiliations:**
- ISTM, NZSTM
International travel can pose various risks to health, depending on the characteristics of both the traveller and the travel. Travellers may encounter sudden and significant changes in altitude, humidity, microbes, and temperature, which can result in ill-health. In addition, serious health risks may arise in areas where accommodation is of poor quality, hygiene and sanitation are inadequate, medical services are not well developed and clean water is unavailable.

General Information
- Prevention of foodborne disease: five keys to safer food
- FAQs on ultraviolet radiation
- Vaccines and travel
- Ebola travel advice

Technical Information
- Microcephaly/Zika virus emergency
- Advisory Group on Geographical Yellow Fever risk mapping
- Traveller vaccinations
WHO: International Travel and Health - country list

BRAZIL

Yellow fever (2014)
Country requirement: no
Yellow fever vaccine recommendation: yes
Recommended for travellers over 9 months of age (Goiás, Maranhão, Mato Grosso, Mato Grosso do Sul)
Not recommended for travellers whose itineraries are São Paulo (Map).

Malaria: In the states outside the administrative region (86%), P. falciparum (13%), mixed infections (1%) – Amapá, Amazonas, Maranhão (western part), Mato Grosso. Transmission intensity varies from one municipality to some peripheral urban areas of Cruzeiro do Sul, Marabá, Rio Branco and Santarém.
Recommended prevention in risk areas: C

Federal (including the capital city of Brasília), and designated areas (Map) of the following or travellers visiting Iguazu Falls:
Fortaleza, Recife, Rio de Janeiro, Salvador and

eligible or non-existent. Malaria risk – P. vivax the nine states of the Amazon region (Acre, Amazonas, Roraima and Tocantins (western part)). Urban settlements, in indigenous areas and in large cities such as Boa Vista, Macapá,
Centers for Diseases Control and Prevention

Travelers' Health

VACCINES. MEDICINES. ADVICE.

Do you have questions about Zika virus and travel?

For Travelers

For Clinicians

Where are you going?

Traveler destination
Malaria

Areas with malaria: States of Acre, Amapá, Amazonas, Maranhão, Mato Grosso, Para, Rondonia, Roraima, and Tocantins. Also present in urban areas, including cities such as Belem, Boa Vista, Macapa, Manaus, Maraba, Porto Velho, and Santarem. Rare cases in Cuiaba City. No transmission at Iguaçu Falls (see Map 3-22).

Estimated relative risk of malaria for US travelers: Low.

Drug resistance: Chloroquine.

- Malaria species: P. vivax 85%, P. falciparum 15%.

Recommended chemoprophylaxis: Areas with malaria except Cuiaba City: Atovaquone-proguanil, doxycycline, or mefloquine. Cuiaba City: Mosquito avoidance only.
Protecting the Health of British Travellers

The National Travel Health Network and Centre (NaTHNaC) promotes standards in travel medicine, providing travel health information for health professionals and the public.

NaTHNaC is commissioned by Public Health England.

IMPORTANT NOTICE -

We are no longer maintaining this site for news & outbreaks

Please visit our new TravelHealthPro site a brand new website from NaTHNaC to serve both healthcare professionals advising travellers and travellers themselves from the UK.
The National Travel Health and Network Centre

http://www.nathnac.org/

"Fit for Travel"

http://www.fitfortravel.scot.nhs.uk/

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**News**

- 23 Jun 16 - Zika Virus in Anguilla
  - On 17 June 2016, the Anguilla Ministry of Health received notification from ...more

- 22 Jun 16 - Zika Virus Advice for Travellers

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**Travel Health Advice**

- General Travel Health Advice
- Disease Prevention Advice
- Malaria
- Yellow Fever
INTRODUCTION

Medical advice for travelers should include evaluation of the risk for adverse outcomes based on itinerary, anticipated activities, and potential exposures [1]. Risks of illness associated with travel include:

- Development of illness while in transit [2]
- Exposure to infections endemic to areas visited
- Environmental exposures associated with travel

The pretravel evaluation should provide advice about the risks for vaccine-preventable diseases, prophylaxis against travelers’ diarrhea and malaria [3]. It should also include advice about specific exposures.
Shoreland - software package for Travel Health professionals (called Travax Encompass) there is a subscription fee.

http://www.shoreland.com
Travel consultations involve discussions on the risk of diseases and helping the traveller minimise them. This may include advising the patient is taking medicines at the right time and helping prevent the spread of disease. Treatment for overseas healthcare and a lack of medication can be a problem for many patients.
UEFA Euro 2016 and Tour de France 2016
Posted: 13 June 2016, 15:16 NZST

Planning on travelling to France to follow your team at UEFA Euro 2016 or Le Tour de France? The 2016 UEFA European Championship (UEFA Euro 2016) is under way from 10th June – 10th July 2016. The championship is hosted by France in 2016 with matches taking place...
Travel Medicine

Travel Medicine Research Review with Dr Joan Ingram

This Review features key medical articles from global travel medicine journals with commentary from Dr Joan Ingram. The Review covers topics such as meningitis, hepatitis A, typhoid, yellow fever, cholera, traveller’s diarrhoea, malaria prophylaxis and hyperbaric medicine.

Research Review publications are free to receive for all NZ health professionals. Sign Up Here to receive the publication on a regular basis.

View back issues of Travel Medicine Research Review publications here. Also below are reviews of recent international medical conferences, new medicines, speaker events and other relevant publications.
Welcome to the thirtieth issue of Travel Medicine Research Review.

Travel Medicine is making the headlines in the media currently as the number and scope of outbreaks appear to be ever increasing. One that does not seem to be publicised is that dengue cases are up in Cambodia, Vietnam, the Philippines and Sri Lanka currently. In NZ we have seen an increase in dengue cases so far this year reflecting this. It is exciting that the first dengue vaccine is being used among school children in the Philippines.

I hope you are finding Travel Medicine Research Review helpful in your everyday practice. I am always interested to hear your thoughts and suggestions, so feel free to contact me via the email address below.

Kind regards
Dr Joan Ingram
joan@researchreview.co.nz

Another pandemic disaster looms: yellow fever spreading from Angola

Author: Woodall JP

Summary: This editorial discusses the growing risk of a yellow-fever virus infection pandemic following the recent outbreak in Angola. The author advises that all suspected cases should be reported. He also discussed vaccine availability, detailing the difficulties faced by the vaccine’s manufacturers to keep up with demand, but he also makes reference to recent research suggesting that an adult can be fully protected by one-fifth of the dose of current vaccines, which are manufactured over-strength. He cautions that all regions in urban Africa where Aedes mosquitoes (the virus’s primary vector) are found are under threat. Mosquito control is also discussed, as is the potential threat...
Society Membership

- International Society of Travel Medicine – subscription fee (travel medicine journal included in subscription. The site has alerts and some general information about Travel Medicine topics, accessing clinics, list serve

- New Zealand Society of Travel Medicine - free membership, members have access to travel medicine resources. Hold annual conferences