

## BIRCHWOOD MEDICAL PRACTICE

### Travel Health Advice Leaflet

The following information will help you to stay healthy on your trip.  
Please make sure you read it following on from your appointment with us.

#### **WATER**

Diseases can be caught from drinking contaminated water, or swimming in it.

Unless you know the water supply is safe where you are staying,

ONLY USE (in order of preference)

1. Boiled water
2. Bottled water or canned drinks
3. Water treated by a sterilising agent.

This includes water used to make ice cubes in drinks and water for cleaning your teeth

#### **SWIMMING**

It is safer to swim in water that is well chlorinated. If you are travelling to Africa, South America or some parts of the Caribbean, avoid swimming in fresh water lakes and streams. You can catch a parasitic disease called schistosomiasis from such places. This disease is also known as Bilharzia. It is also wise never to go barefoot, but to wear protective footwear when out, even on the beach. Other diseases can be caught from sand and soil, particularly wet soil.

#### **FOOD**

Contaminated food is the commonest source of many diseases abroad. You can help prevent illness by following these guidelines for advice on consuming food and beverages:

Category	SAFE	PROBABLY SAFE	UNSAFE
<b>Beverages</b>	<ul style="list-style-type: none"> <li>• Carbonated soft drinks</li> <li>• Carbonated water</li> <li>• Boiled water</li> <li>• Purified water (iodine or chlorine)</li> </ul>	<ul style="list-style-type: none"> <li>• Fresh citrus juices</li> <li>• Bottled water</li> <li>• Packaged (machine - made ice)</li> </ul>	<ul style="list-style-type: none"> <li>• Tap water</li> <li>• Chipped ice</li> <li>• Unpasteurized milk</li> </ul>
<b>Food</b>	<ul style="list-style-type: none"> <li>• Hot thoroughly grilled, boiled</li> <li>• Processed and packaged</li> <li>• Cooked vegetables and peeled* fruits</li> </ul>	<ul style="list-style-type: none"> <li>• Dry items</li> <li>• Hyperosmolar items (such as jam and syrup)</li> <li>• Washed vegetables and fruit</li> </ul>	<ul style="list-style-type: none"> <li>• Salads</li> <li>• Sauces and 'salsa'</li> <li>• Uncooked seafood</li> <li>• Raw or poorly cooked meats</li> <li>• Unpeeled* fruits</li> <li>• Unpasteurized dairy products</li> <li>• Cold desserts</li> </ul>
<b>Setting</b>	Recommended restaurants	Local homes	Street vendors
<p><b>Reference:</b> Ericsson CD. Prevention of Travelers Diarrhea in: Keystone J, Freedman D, Kozarsky P, Connor B and Nothdurft H. Eds. Travel Medicine 3rd Edition. Saunders, an imprint of Elsevier Inc; 2013. p. 191 -196</p>			

\* **Peeled** fruits for example bananas:  **Unpeeled** fruits for example, raspberries, strawberries.

Another source of calories is alcohol! If you drink to excess, alcohol could lead you to become carefree and ignore these precautions.

#### **PERSONAL HYGIENE**

Many diseases are transmitted by what is known as the 'faecal-oral' route. To help prevent this, always wash your hands with soap and clean water after going to the toilet, before eating and before handling food. Using hand gel is another sensible option.

## **TRAVELLERS' DIARRHOEA**

This the **most common illness** that you will be exposed to abroad and there is **NO vaccine against it**. Diarrhoea is caused by eating and/or drinking food and water contaminated by bacteria, viruses or parasites. Risk of illness is higher in some countries than others.

**High risk areas** include North Africa, sub-Saharan Africa, the Indian Subcontinent, S.E. Asia, South America, Mexico and the Middle East.

**Medium risk areas** include the northern Mediterranean, Canary Islands and the Caribbean Islands.

**Low risk areas** include North America, Western Europe and Australia

You can certainly help **prevent** travellers' diarrhoea in the way you **behave** - make sure you follow the food, water and personal hygiene guidelines already given.

### **What is travellers' diarrhoea?**

Travellers' diarrhoea is 3 or more loose stools in a 24 hour period often accompanied by stomach pain, cramps and vomiting. It usually lasts 2-4 days and whilst it is not a life threatening illness, it can disrupt your trip for several days. The main danger of the illness is **dehydration**, and this, if very severe, can kill if it is not treated. **Treatment** is therefore **rehydration**. In severe cases and particularly in young children and the elderly, commercially prepared rehydration solution is extremely useful.

### **Travel well prepared**

A good tip is to take oral rehydration solutions with you. These can be bought over the counter in a chemist shop, available in tablet or sachet form — for example:

**DIORALYTE or ELECTROLADE or DIORALYTE RELIEF**. (The latter is a formula containing rice powder which also helps to relieve the diarrhoea, particularly useful in children). Prepare according to instructions. Take care regarding their use in very small children and seek medical advice where necessary.

**Anti diarrhoeal tablets** can be used for adults but should NEVER be USED in children under 4 years of age, and only on prescription for children aged 4 to 12 years. Commonly used tablets are loperamide and bismuth subsalicylate - ask your pharmacist for advice about them.

**None of these tablets should ever be used if the person has a temperature or blood in the stool.**

### **Do contact medical help if the affected person has:-**

- A temperature
- Blood in the diarrhoea
- Diarrhoea for more than 48 hours (or 24 hours in children)
- Becomes confused

In some circumstances, antibiotics are used as a standby treatment for travellers' diarrhoea. Such medication is not usually available on the NHS in anticipation of you being ill when away and needs to be prescribed. A woman taking the oral contraceptive pill may not have full contraceptive protection if she has had diarrhoea and vomiting. Extra precautions must be used - refer to your 'pill' information leaflet. If using condoms, take a supply of good quality ones with you which are CE approved.

## **HEPATITIS B and HIV INFECTION - these diseases can be transmitted by**

- Blood transfusion
- Medical procedures with non-sterile equipment
- Sharing of needles (e.g. tattooing, body piercing, acupuncture and drug abuse)
- Sexual contact — Sexually transmitted infections or STIs are also transmitted this way

### **Ways to protect yourself**

- Only accept a blood transfusion when essential
- If travelling to a resource poor country, take a sterile medical kit
- Avoid procedures e.g. ear and body piercing, tattooing & acupuncture
- Avoid casual sex, especially without using condoms

**Remember!** Excessive alcohol can make you carefree and lead you to take risks you otherwise would not consider.

### **INSECT BITES**

Mosquitoes, certain types of flies, ticks and bugs can cause many different diseases. e.g. malaria, dengue fever, yellow fever. Some bite at night, but some during daytime so protection is needed at all times.

#### **Avoid being bitten by:**

- Covering up skin as much as possible if going out at night, (mosquitoes that transmit malaria bite from dusk until dawn). Wear loose fitting clothes, long sleeves, trousers or long skirts.
- Use insect repellents on exposed skin. (DEET containing products are the most effective. A content of up to **50% DEET** is recommended for tropical destinations). Clothes can be sprayed with repellents too or clothing specific sprays .g. permethrin. Check suitability for children on the individual products. If using sunscreen always apply first, followed by an insect repellent spray on top.
- If room is not air conditioned, but is screened, close shutters early evening and spray room with knockdown insecticide spray. In malarious regions, if camping, or sleeping in unprotected accommodation, always sleep under a mosquito net (impregnated with permethrin). Avoid camping near areas of stagnant water, these are common breeding areas for mosquitoes etc.
- Electric insecticide vaporisers are very effective as long as there are no power failures!
- There is **no scientific evidence** that electric buzzers, savoury yeast extract, tea tree oil, bath oils, garlic and vitamin B are effective.
- Homeopathic and herbal medications should NEVER be used as an alternative to conventional measures for malaria prevention.

### **MALARIA**

Malaria is a disease spread by mosquitoes, there is no vaccine yet available. If you are travelling to a malarial country, the travel adviser will have given you a separate leaflet with more details, please read it. Remember malaria is a serious and sometimes fatal disease. If you develop flu like symptoms, including fever, sweats, chills, feeling unwell, headaches, muscle pains, cough, diarrhoea – then seek medical help immediately for advice and say you've been abroad. This is VITAL, don't delay.

Remember the ABCD of malaria prevention advice:

**A**wareness of the risk

**B**ite prevention

**C**hemoprophylaxis (taking the correct tablets)

**D**iagnosis (knowing the symptoms and acting quickly)

### **ZIKA VIRUS**

Zika virus disease is mainly spread by mosquitoes. For most people it is a very mild infection and isn't harmful. However, it may be more serious for pregnant women, as there's evidence it causes birth defects – in particular, abnormally small heads (microcephaly).

If you plan to travel to an affected area, seek travel health advice before your trip. Travel advice is tailored to you and based on the level of risk (high, moderate or low) for the country you're travelling to.

**Pregnant women** should: postpone non-essential travel to areas at high risk of Zika virus transmission and consider postponing non-essential travel to areas at moderate risk of Zika virus transmission until after pregnancy

**Couples planning pregnancy:** Consistent use of effective contraception is advised to prevent pregnancy and barrier methods (e.g. condoms) for vaginal, anal and oral sex during and after travel is advised to reduce the risk of conception and the developing fetus being exposed to Zika virus. These measures should be used even in the absence of symptoms while travelling in a high or moderate risk area and if:

- Both partners travelled, for 3 months after return or after last possible Zika virus exposure (i.e. return from these areas or unprotected sexual contact with a potentially infectious partner)
- Male traveller only, for 3 months after return or after last possible Zika virus exposure
- Female traveller only, for 8 weeks after return or after last possible Zika virus exposure

Following this, attempts to conceive can resume.

### **DENGUE FEVER**

Dengue is a viral infection spread by mosquitoes. It's widespread in many parts of the world. In most people the infection is mild and passes in about a week without causing any lasting problems. But in rare cases it can be very serious and potentially life threatening.

There's no specific treatment or widely available vaccine for dengue, so it's important to try to avoid being bitten by mosquitoes when visiting an area where the infection is found.

### **JAPANESE ENCEPHALITIS**

Japanese encephalitis is a type of viral brain infection that's spread through mosquito bites. It's most common in rural areas throughout South East Asia, the Pacific islands and the Far East, but is very rare in travelers.

The virus is found in pigs and birds, and is passed to mosquitoes when they bite infected animals. It's more common in rural areas where there are pig farms and rice fields. It can't be spread from person to person.

The best way to prevent Japanese encephalitis is to be vaccinated against the infection before you visit a part of the world where there's a risk of catching it. The risk is greater if you're planning to visit rural areas or go hiking or camping.

### **ANIMAL BITES**

Rabies is present in many parts of the world. If a person develops rabies, death is 100% certain.

### **THERE ARE 3 RULES REGARDING RABIES**

1. Do not touch any animal, even dogs and cats
2. If you are licked on broken skin, scratched or bitten by an animal in a country which has rabies, wash the wound thoroughly with soap and running water for 10 - 15 minutes, then apply an antiseptic solution if possible e.g. iodine or alcohol. Such precautions also apply if you are licked by the animal with their saliva coming into contact with your eyes or inside your mouth (essentially any mucous membranes)
3. Seek medical advice **IMMEDIATELY**, even if you have been previously immunised, **this is absolutely essential**

### **OUTDOOR AIR POLLUTION**

In many parts of the world, poor air quality is a significant public health problem.

Travellers' with respiratory and cardiovascular conditions should consider whether a particular destination is appropriate for them if pollution levels are known to be high during their planned stay.

### **In areas where poor air quality is a concern, all travellers' should:**

- On a day to day basis, check the local air quality data and adjust activities to help plan their outdoor activities e.g. avoid exercising outdoors when pollution levels are high, avoid pollution hot spots if possible such as busy roads/junctions, rush hours, keep external doors and windows closed when air pollutant levels are high
- Take notice of any Health Advisories published by the Local Ministry of Health and Department of Environment, and follow the guidance provided

It is unclear if **face masks** are beneficial at reducing exposure and may make breathing more difficult for those with pre-existing lung conditions. Those who choose to use a mask should make sure that it fits well and know how to wear it properly.

### **ACCIDENTS**

Major leading causes of death in travellers abroad are due to **accidents**, predominantly road traffic accidents and swimming/water accidents. You can help prevent them by following sensible precautions

#### **PRECAUTIONARY GUIDELINES**

- ✓ Avoid alcohol and food before swimming
- ✓ Never dive into water where the depth is uncertain
- ✓ Only swim in safe water, check currents, sharks, jellyfish etc.
- ✓ Avoid alcohol when driving, especially at night
- ✓ Avoid hiring motorcycles and mopeds
- ✓ If hiring a car, rent a large one if possible, ensure the tyres, brakes and seat belts are in good condition
- ✓ Use reliable taxi firms, know where emergency facilities are

#### **PERSONAL SAFETY AND SECURITY**

The Foreign and Commonwealth Office (FCO) provide excellent information about this. They have information for many different types of travel and also advise on travel to specific destinations in times of political unrest and natural disasters. Please go to their website for more information at <https://www.gov.uk/government/organisations/foreign-commonwealth-office>

#### **INSURANCE COVER**

- Take out adequate insurance cover for your trip. This should possibly include medical repatriation as without it, this service is extremely expensive if needed.
- If you have any pre existing medical conditions, make sure you inform the insurance company of these details and check the small print of the policy thoroughly.
- If you travel to a European Union country, make sure you have obtained an EHIC card before you travel which takes some time to obtain. Further information about the EHIC is found at <http://www.nhs.uk/NHSEngland/Healthcareabroad/EHIC/Pages/Applyingandrenewing.aspx>
- Please note, additional travel insurance is still advised even if you have an EHIC card.

#### **AIR TRAVEL**

It is sensible on any long haul flight to be comfortable in your seat. Exercise your legs, feet and toes while sitting every half an hour or so and take short walks whenever feasible. Upper body and breathing exercises can further improve circulation. Drink plenty of water and be sensible about alcohol intake which in excess leads to dehydration. Further information can be obtained from the websites detailed at the end of this leaflet with more specific advice and information on travel-related deep vein thrombosis.

#### **SUN AND HEAT**

Sunburn and heat-stroke cause serious problems in travellers but in the long term can be a serious cause of skin cancer. There is no such thing as a safe suntan, but the following advice should be taken:

## **PRECAUTIONARY GUIDELINES**

- Increase sun exposure gradually, with a 20 minute limit initially.
- Use sun blocks which contain both UVA and UVB protection and sufficient sun protection factor (SPF) and a minimum of SPF 15. Children under 3 years should have a minimum of SPF 25 and babies under 6 months should be kept out of the sun at all times. Reapply often and always after swimming and washing. Read manufacturer instructions
- Always apply sunscreen first followed by an insect repellent spray on top
- Wear protective clothing – sunhats, T shirts and sunglasses etc.
- Avoid going out between 11am - 3pm, when the sun's rays are strongest
- Take special care of children and those with pale skin/red hair
- Drink extra fluids in a hot climate – be aware alcohol can make you dehydrated

## **CORONAVIRUS (COVID-19)**

If you are travelling from the UK, check the up to date guidance from gov.uk website

For information on any travel restrictions, Foreign and Commonwealth Office (FCO) foreign travel advice.

**Here are some examples of interesting website addresses for more information:**

<b>Name/description</b>	<b>Web address</b>
<ul style="list-style-type: none"><li>• <b>Easy to access resources in one place from Jane Chiodini</b> (author of this leaflet)</li></ul>	<a href="http://www.janechiodini.co.uk/news/help/tar">www.janechiodini.co.uk/news/help/tar</a>
<ul style="list-style-type: none"><li>• <b>Fit for Travel</b> - Scottish NHS public travel site for general advice on all aspects of travel and country specific information, including malaria maps</li></ul>	<a href="http://www.fitfortravel.nhs.uk">www.fitfortravel.nhs.uk</a>
<ul style="list-style-type: none"><li>• <b>NaTHNaC</b> - National Travel Health Network and Centre England based, with similar information to above</li></ul>	<a href="http://travelhealthpro.org.uk/">http://travelhealthpro.org.uk/</a>
<ul style="list-style-type: none"><li>• <b>NHS Choices</b> – look at travel health in the 'A-Z' section and also travel health in the 'Live Well' section (these are both different). Excellent general website also.</li></ul>	<a href="http://www.nhs.uk">www.nhs.uk</a>
<ul style="list-style-type: none"><li>• <b>FCO</b> - Foreign &amp; Commonwealth Office, especially useful for safety and security and specific pages for types of travellers, e.g. gap year, responsible tourism. Also look at 'Our Publications'</li></ul>	<a href="http://www.gov.uk/government/organisations/foreign-commonwealth-office">www.gov.uk/government/organisations/foreign-commonwealth-office</a>
<ul style="list-style-type: none"><li>• <b>Sunsmart</b> - is the Cancer research website providing information about skin cancer and sun protection advice</li></ul>	<a href="http://www.sunsmart.org.uk">www.sunsmart.org.uk</a>
<ul style="list-style-type: none"><li>• <b>Travel health products</b> to take away with you – these are just a small selection of many resources available. Please note the Village Medical Centre is not endorsing such items, merely providing information.</li></ul>	<a href="http://www.lifsystems.co.uk">www.lifsystems.co.uk</a> <a href="http://www.nomadtravel.co.uk">www.nomadtravel.co.uk</a> <a href="http://www.safariquip.co.uk">www.safariquip.co.uk</a> <a href="http://www.travelpharm.com">www.travelpharm.com</a>
<ul style="list-style-type: none"><li>• <b>Medex</b> – Useful advice booklet on 'travelling at high</li></ul>	<a href="http://www.medex.org.uk">www.medex.org.uk</a>

altitude'	
<ul style="list-style-type: none"> <li>• <b>Medic Alert®</b> - life-saving identification system for individuals with hidden medical conditions and allergies</li> </ul>	<a href="http://www.medicalert.org.uk">www.medicalert.org.uk</a>
<ul style="list-style-type: none"> <li>• <b>Kids Travel Doc™</b> - a paediatrician's guide to travel and outdoor recreational activities</li> </ul>	<a href="http://www.kidstraveldoc.com">www.kidstraveldoc.com</a>
<ul style="list-style-type: none"> <li>• <b>Diabetes UK</b> – information specific for those with diabetes who wish to travel – go to 'Guide to diabetes' then to the 'living with diabetes' section then go to 'travel'</li> </ul>	<a href="http://www.diabetes.org.uk">www.diabetes.org.uk</a>
<ul style="list-style-type: none"> <li>• <b>Global travel clinic locator</b> from the International Society of Travel Medicine</li> </ul>	<a href="http://www.istm.org">www.istm.org</a>
<ul style="list-style-type: none"> <li>• <b>IAMAT</b> – International Association for Medical Assistance to Travellers (IAMAT)</li> </ul>	<a href="http://www.iamat.org/doctors_clinics.cfm">www.iamat.org/doctors_clinics.cfm</a>
<ul style="list-style-type: none"> <li>• <b>Google translate</b> – Free online translation service</li> </ul>	<a href="http://translate.google.com">http://translate.google.com</a>

**Have a good, but safe and healthy trip!**