



## SUGGESTED VACCINATIONS FOR FOREIGN TRAVEL

No. 27b, 2018

| EUROPE:                | Grp 1 | Grp 2 | Grp 3               | Grp 4                 |
|------------------------|-------|-------|---------------------|-----------------------|
| Albania                | A     | A     | A                   | ABs                   |
| Belarus                | A     | A     | ABf                 | ABfrs                 |
| Bosnia/Herzegovina     | A     | A     | ABf                 | ABfs                  |
| Bulgaria               | A     | A     | ABf                 | ABfrs                 |
| Croatia                |       | A     | Af                  | ABfs                  |
| Czech Republic         |       | A     | Af                  | ABf                   |
| Estonia                |       | A     | Af                  | ABfrs                 |
| Hungary                |       | A     | Af                  | ABfs                  |
| Latvia                 |       | A     | Af                  | ABfrs                 |
| Lithuania              |       | A     | Af                  | ABfrs                 |
| Macedonia              |       | A     | Af                  | ABfs                  |
| Moldova                | A     | A     | ABf                 | ABfrs                 |
| Montenegro             |       | A     | ABf                 | ABfs                  |
| Poland                 |       | A     | Af                  | ABfrs                 |
| Romania                | A     | A     | ABf                 | ABfrs                 |
| Russia                 | A     | A     | Aj <sup>7</sup> 9Bf | Aj <sup>7</sup> 9Bfrs |
| Serbia                 |       | A     | ABf                 | ABfs                  |
| Slovakia               |       | A     | Af                  | ABfs                  |
| Slovenia               |       | A     | Af                  | ABf                   |
| Turkey                 | A     | A     | A                   | ATBrs                 |
| standard tourist areas | A     | A     | A                   | ATBs                  |
| Ukraine                | A     | A     | ABf                 | ABfrs                 |

| THE CARRIBEAN:           |      |      |       |           |
|--------------------------|------|------|-------|-----------|
| Anguilla (UK)            | A    | A    | A     | ATB       |
| Antigua and Barbuda      | A    | A    | A     | ATB       |
| Aruba                    | A    | A    | A     | ATB       |
| Bahamas                  | A    | A    | A     | ATB       |
| Barbados                 | A    | A    | A     | ATB       |
| Bermuda (UK)             | A    | A    | A     | ATB       |
| Cayman Islands (UK)      | A    | A    | A     | ATB       |
| Cuba                     | A    | A    | A     | ATBr      |
| Dominica                 | A    | A    | A     | ATB       |
| Dominican Republic       | Av   | Av   | ABv   | ATBrsv    |
| Dutch Antilles           | A    | A    | A     | ATB       |
| Grenada                  | A    | A    | A     | ATB       |
| Guadeloupe (FR)          | A    | A    | A     | ATB       |
| Haiti                    | AX/N | AX/N | ABX/N | ATBrsvX/N |
| Jamaica                  | A    | A    | A     | ATB       |
| Martinique (FR)          | A    | A    | A     | ATB       |
| Montserrat               | A    | A    | A     | ATB       |
| Puerto Rico (US)         | A    | A    | A     | ATB       |
| Saint Kitts and Nevis    | A    | A    | A     | ATB       |
| Saint Lucia              | A    | A    | A     | ATB       |
| Saint Vincent/Grenadines | A    | A    | A     | ATB       |
| Trinidad and Tobago      | Ag*  | Ag*  | Ag*   | Ag*TB     |
| Turks and Caicos (UK)    | A    | A    | A     | ATB       |
| Virgin Islands (UK & US) | A    | A    | A     | ATB       |

| CENTRAL AND SOUTH AMERICA:                      |       |       |        |            |
|---|-------|-------|--------|------------|
| Argentina                                       | A     | A     | A      | ATBs       |
| Border districts: Brazil,<br>Bolivia & Paraguay | A     | AG*V  | AG*V   | AG*TBsv    |
| Belize  | Av    | Av    | Abv    | ATBrsv     |
| Bolivia   | Agv   | Agv   | AgBv   | AgTBrsv    |
| Amazonas  | AGX/N | AGX/N | AGBX/N | AGTBrsvX/N |

A: Hepatitis A  
B: Hepatitis B  
f: FSME/TBE  
g/G: Yellow fever

g/G \*: Yellow fever (possible certain risk only)  
j: Japanese encephalitis  
M: Meningococci A + C + W135 + Y  
r: Rabies

s: Tuberculosis  
T: Typhoid fever  
(T): Typhoid fever > 2 weeks  
V: Mosquito bite prophylaxis

X: Atovaquone/proguanil or doxycycline  
N/n: Stand-by emergency treatment AND  
mosquito bite prophylaxis

The vaccination recommendations are practically unchanged from last year, see EPI-NEWS 27a/18. All travellers should be vaccinated against diphtheria and tetanus, the symbols showing this are therefore not included in this table.

### Type of journey

Recommendations are divided into four categories according to the type and duration of journey:

1. Business or conference travel to capital or other big city for up to one week.
2. Package holiday with day excursions or individual travel of one to four weeks' duration. If the travel is of a special nature, for instance with intense exposure to risk of infection, **Grp 2** can be supplemented from **Grp 3/4**, e.g. with B on sexual contact to locals, T in the event of extremely poor hygiene), M in case of close contact to locals, j in case of insect exposure (trekking trip).
3. Individual travel, e.g. backpacking trip, for one to six months.
4. Prolonged individual journey lasting 6 months or more, immigrants visiting their families (regardless of the duration of the trip) stationing abroad, or equivalent frequently repeated visits.

**Note: Will often need to be adapted to individual needs.**

### Interpreting the symbols

CAPITAL LETTERS are used when the recommendation applies to all travellers, small letters when the application is limited.

Malaria prophylaxis is emphasised by **bold type**, and placed last in each column. Thus f, g, j, r and s refer to vaccination of selected travellers, and **v**, **x** and **x/n** refer to malaria risk in a limited area of the country, see [www.ssi.dk/rejser](http://www.ssi.dk/rejser). **N/n** is *stand-by emergency treatment*, see below. Seasonal variation is indicated by numbers. When the risk is seasonal, usually the rainy season, the first and last month of the relevant period are stated at the top and bottom after the letter, respectively, e.g. Afghanistan **x**<sup>5-11</sup>. Please note that the rainy season may vary from year to year, and that the numbers are therefore only a guideline



|  | Grp 1 | Grp 2  | Grp 3   | Grp 4      |
|--|-------|--------|---------|------------|
| Brazil (yellow fever currently all travellers) | AG    | AG     | AGB     | AGTBrs     |
| Amazonas                                       | AGX/N | AGX/N  | AGBX/N  | AGTBrsX/N  |
| Chile  | A     | A      | A       | ATBs       |
| Columbia                                       | Ag*   | Ag*x/n | Ag*Bx/n | Ag*TBrsx/n |
| Amazonas                                       | AGX/N | AGX/N  | AGBX/N  | AGTBrsX/N  |
| Costa Rica                                     | A     | A      | AB      | ATBr       |
| Ecuador  | A     | Ag*x/n | Ag*Bx/n | Ag*TBrsx/n |
| Amazonas                                       | AGX/N | AGX/N  | AGBX/N  | AGTBrsX/N  |
| Galápagos Islands                              | A     | A      | A       | ATB        |
| El Salvador                                    | A     | Av     | ABv     | ATBrsv     |
| French Guiana                                  | AG    | Agx/n  | AGBx/n  | AGTBrsx/n  |
| Guatemala                                      | A     | Av     | ABv     | ATBrsv     |
| Guyana   | AG    | Agx/n  | AGBx/n  | AGTBrsx/n  |
| Honduras                                       | Av    | Av     | ABv     | ATBrsv     |
| Mexico   | A     | Av     | ABv     | ATBrsv     |
| Nicaragua                                      | Av    | Av     | ABv     | ATBrsv     |
| Panama   | A     | Agx/n  | AgBx/n  | AgTBrsx/n  |
| Paraguay                                       | AG    | AGv    | AGv     | AGTBrsv    |
| Peru   | A     | Ag*v   | Ag*Bv   | Ag*TBrsv   |
| Amazonas (Loreto)                              | AGX/N | AGX/N  | AGBX/N  | AGTBrsX/N  |
| Surinam  | AG    | Agx/n  | AGBx/n  | AGTBrsx/n  |
| Uruguay  | A     | A      | A       | ATBs       |
| Venezuela                                      | Ag*   | Ag*v   | Ag*Bv   | Ag*TBrsv   |
| Amazonas, Bolivar,<br>Margarita Island         | AGX/N | AGX/N  | AGBX/N  | AGTBrsX/N  |

#### OCEANIA:

|                          |    |    |      |        |
|--------------------------|----|----|------|--------|
| Caroline Islands         | A  | A  | AB   | ATBs   |
| Christmas Island (AU)    | A  | A  | AB   | ATBs   |
| Cocos Islands (AU)       | A  | A  | AB   | ATBs   |
| Cook Islands             | A  | A  | AB   | ATBs   |
| Fiji                     | A  | A  | AB   | ATBs   |
| French Polynesia         | A  | A  | AB   | ATBs   |
| Guam (US)                | A  | A  | AB   | ATBs   |
| Kiribati                 | A  | A  | AB   | ATBs   |
| Micronesia               | A  | A  | AB   | ATBs   |
| Nauru                    | A  | A  | AB   | ATBs   |
| New Caledonia (FR)       | A  | A  | AB   | ATBs   |
| Niue                     | A  | A  | AB   | ATBs   |
| Northern Mariana Islands | A  | A  | AB   | ATBs   |
| Papua New Guinea         | AX | AX | AjBX | AjTBsX |
| Pitcairn Islands         | A  | A  | AB   | ATBs   |
| Samoa                    | A  | A  | AB   | ATBs   |
| Solomon Islands          | AX | AX | ABX  | ATBsX  |
| Tokelau (NZ)             | A  | A  | AB   | ATBs   |
| Tonga                    | A  | A  | AB   | ATBs   |
| Tuvalu                   | A  | A  | AB   | ATBs   |
| Vanuatu                  | AX | AX | ABX  | ATBsX  |
| Wake Island (US)         | A  | A  | AB   | ATBs   |
| Wallis and Futuna (FR)   | A  | A  | AB   | ATBs   |

#### AFRICA:

|              |     |                               |                                |                                   |
|--------------|-----|-------------------------------|--------------------------------|-----------------------------------|
| Algeria      | A   | A                             | AB                             | ATBrs                             |
| Angola       | AGX | AGX                           | AGBX                           | AGTBrsX                           |
| Benin        | AGX | AGMX                          | AGMBX                          | AGMTBrsX                          |
| Botswana     | A   | Ax <sup>11</sup> <sub>6</sub> | ABx <sup>11</sup> <sub>6</sub> | ATBrsx <sup>11</sup> <sub>6</sub> |
| Burkina Faso | AGX | AGMX                          | AGMBX                          | AGMTBrsX                          |
| Burundi      | AGX | AGX                           | AGBX                           | AGTBrsX                           |
| Cameroon     | AGX | AGMX                          | AGMBX                          | AGMTBrsX                          |

#### Key to symbols

- A: Hepatitis A (from 1 year of age). Recommended for all immigrant children born in DK before visits to their country of origin. Immuno-globulin may be given to children < 1 year of age.
- B: Hepatitis B (from birth). Booster vaccination is not recommended, EPI-NEWS 11/13.
- f: Central European Encephalitis (FSME/TBE), for regular walking in grassy deciduous woodlands during the 6 months of summer.
- g/G: Yellow fever (from 9 months).
- g/G\*: Yellow fever, possibly in some cases only when a special risk is present.
- For more information, see each country at [www.ssi.dk/rejser](http://www.ssi.dk/rejser).
- j: Japanese encephalitis (as from 2 months of age), EPI-NEWS 10/13, 26a/15., 27a/17 and 27a/18.
- M: Meningococcal disease A + C + W135 + Y (as from 6 years of age, EPI-NEWS 27a/17). Mandatory for any pilgrimage to Mecca, EPI-NEWS 27a/17.
- r: Rabies, see EPI-NEWS 37/10 and 6/16 and 9/18.
- s: Tuberculosis. BCG for children (from birth and until 11-12 years of age) for travels to high-endemic areas, in case of prolonged close contact with local population living in poor conditions, EPI-NEWS 27a/17.
- T: Typhoid fever injection from about 2 years of age, in case of specific risk from 18 months. Capsules from about 5 years of age. Immigrants visiting family and friends are recommended vaccination regardless of the duration of their stay.

#### Malaria prophylaxis:

- V: Very low risk, protection against mosquito bites sufficient.
- X: Atovaquone/proguanil or doxycycline.
- N: Stand-by emergency treatment with atovaquone/proguanil.

**Basic vaccination of children** and persons who have not received the common childhood vaccinations, EPI-NEWS 6-8/18.

**Vaccination of children** prior to stays in developing countries, EPI-NEWS 5/18.

**Selected insect-borne viral diseases**, EPI-NEWS 6/12.

A: Hepatitis A  
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|                          | Grp 1 | Grp 2                            | Grp 3                           | Grp 4                             |
|--------------------------|-------|----------------------------------|---------------------------------|-----------------------------------|
| Cape Verde               | A     | Av <sup>8</sup> <sub>11</sub>    | ABv <sup>8</sup> <sub>11</sub>  | ATBsv <sup>8</sup> <sub>11</sub>  |
| Central African Republic | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Chad                     | AgX   | AgMX                             | AgMBX                           | AgMTBrSX                          |
| Chagos Islands (UK)      | A     | A                                | AB                              | ATBrS                             |
| Comoro Islands           | AX    | AX                               | ABX                             | ATBrSX                            |
| Congo                    | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Dem. Rep. Congo (Zaire)  | Ag*X  | Ag*X                             | Ag*BX                           | Ag*TBrSX                          |
| Djibouti                 | AX    | AX                               | ABX                             | ATBrSX                            |
| Egypt                    | A     | A                                | AB                              | ATBrS                             |
| Equatorial Guinea        | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Eritrea                  | Ag*X  | Ag*MX                            | Ag*MBX                          | Ag*MTBrSX                         |
| Asmara                   | A     | AM                               | AMB                             | AMTBrS                            |
| Ethiopia                 | Ag*X  | Ag*MX                            | Ag*MBX                          | Ag*MTBrSX                         |
| Addis Ababa              | AG    | AGM                              | AGMB                            | AGMTBrS                           |
| Gabon                    | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Gambia                   | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Ghana                    | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Guinea                   | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Guinea-Bissau            | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Ivory Coast              | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Kenya                    | Ag*X  | Ag*X                             | Ag*BX                           | Ag*TBrSX                          |
| Nairobi                  | Ag*   | Ag*                              | Ag*B                            | Ag*TBrS                           |
| Lesotho                  | A     | A                                | AB                              | ATBrS                             |
| Liberia                  | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Libya                    | A     | A                                | AB                              | ATB                               |
| Madagascar               | AX    | AX                               | ABX                             | ATBrSX                            |
| Malawi                   | AX    | AX                               | ABX                             | ATBrSX                            |
| Mali                     | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Mauretania               | Agx   | Agx                              | AgBx                            | AgTBrSx                           |
| Mauritius                | A     | A                                | AB                              | ATBs                              |
| Mayotte (FR)             | AX    | AX                               | ABX                             | ATBrSX                            |
| Morocco                  | A     | A                                | AB                              | ATBrS                             |
| Mozambique               | AX    | AX                               | ABX                             | ATBrSX                            |
| Namibia                  | A     | Ax                               | ABx                             | ATBrSx                            |
| Niger                    | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Nigeria                  | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Réunion (FR)             | A     | A                                | AB                              | ATBrS                             |
| Rwanda                   | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| São Tomé and Príncipe    | Ag*X  | Ag*X                             | Ag*BX                           | Ag*TBrSX                          |
| Senegal                  | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Seychelles               | A     | A                                | AB                              | ATBs                              |
| Sierra Leone             | AGX   | AGX                              | AGBX                            | AGTBrSX                           |
| Somalia                  | Ag*X  | Ag*X                             | Ag*BX                           | Ag*TBrSX                          |
| Sudan                    | AgX   | AgMX                             | AgMBX                           | AgMTBrSX                          |
| Swaziland                | Ax    | Ax                               | ABx                             | ATBrSx                            |
| South African Republic   | A     | Ax                               | ABx                             | ATBrSx                            |
| South Sudan              | AGX   | AGMX                             | AGMBX                           | AGMBBrSX                          |
| Tanzania                 | Ag*X  | Ag*X                             | Ag*BX                           | Ag*TBrSX                          |
| Togo                     | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Tunisia                  | A     | A                                | AB                              | ATBrS                             |
| Uganda                   | AGX   | AGMX                             | AGMBX                           | AGMTBrSX                          |
| Zambia                   | Ag*X  | Ag*X                             | Ag*BX                           | Ag*TBrSX                          |
| Zimbabwe                 | AX    | AX                               | ABX                             | ATBrSX                            |
| Harare, Bulawayo         | A     | A                                | AB                              | ATBrS                             |
| <b>ASIA:</b>             |       |                                  |                                 |                                   |
| Afghanistan              | A     | A(T)x <sup>5</sup> <sub>11</sub> | ATBx <sup>5</sup> <sub>11</sub> | ATBrSx <sup>5</sup> <sub>11</sub> |
| Armenia                  | A     | A                                | AB                              | ATBrS                             |

### Cholera vaccination

Vaccination is not recommended against common travel diarrhoea. Vaccination may be relevant in connection with stays in areas with cholera outbreaks.

### Special regulatory requirements

Some countries require vaccination against yellow fever of all travellers, see [www.who.int/ith](http://www.who.int/ith). Stays/transit in countries where yellow fever can occur may trigger a vaccination requirement at a later stage of the journey (yellow fever transmission zone, see [www.ssi.dk/rejser](http://www.ssi.dk/rejser)).

According to the WHO, no country may require booster vaccination of people who have previously received yellow fever vaccination, EPI-NEWS 27a/16.

Meningococcal vaccination against group A + C + W135 + Y is required for pilgrimage to Saudi Arabia. Menveo® can be given as from 1 year of age and Nimenrix® as from 6 weeks of age, EPI-NEWS 27a/18.

### Malaria prophylaxis

Primary prevention of mosquito bites by use of balm/nets/spray is always important in connection with stays in a malaria area. Various pharmacological prophylaxis regimes are discussed below (for stand-by emergency treatment, see below):

Atovaquone/proguanil is effective against *P. falciparum*. Resistance is very rare. Must not be used in pregnant and breast-feeding women, EPI-NEWS 26a/13. For dosage information for children weighing 5-10 kg, see EPI-NEWS 7-8/16.

Doxycycline is effective against *P. falciparum*. Doxycycline is contraindicated in pregnant women after the tenth week of gestation and in children < 8 years, EPI-NEWS 26a/13 and 7-8/16.

### Stand-by emergency treatment of malaria

In some areas of Southeast Asia and Central & South America, the risk of malaria is generally so low that the traveller may be provided with malaria medication for *stand-by emergency treatment* as an alternative to chemoprophylaxis to be used if the traveller develops a fever or other malaria symptoms, EPI-NEWS 27a/17. The countries/regions where *stand-by emergency treatment* may be considered, are marked with **n/N** in the tables. This presupposes that the traveler carries a thermometer

A: Hepatitis A  
B: Hepatitis B  
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g/G \*: Yellow fever (possible certain risk only)  
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r: Rabies

S: Tuberculosis  
T: Typhoid fever  
(T): Typhoid fever > 2 weeks  
V: Mosquito bite prophylaxis

X: Atovaquone/proguanil or doxycycline  
N/n: Stand-by emergency treatment AND mosquito bite prophylaxis



|                                | Grp 1                          | Grp 2                         | Grp 3                               | Grp 4                                 |
|--------------------------------|--------------------------------|-------------------------------|-------------------------------------|---------------------------------------|
| Azerbaijan                     | A                              | Av <sup>6</sup> <sub>10</sub> | ABv <sup>6</sup> <sub>10</sub>      | ATBrsv <sup>6</sup> <sub>10</sub>     |
| Bahrain                        | A                              | A                             | AB                                  | ATBs                                  |
| Bangladesh                     | Av                             | A(T)x                         | Aj <sup>5</sup> <sub>10</sub> Brx   | Aj <sup>5</sup> <sub>10</sub> TBrsx   |
| Dhaka                          | A                              | A(T)                          | Aj <sup>5</sup> <sub>10</sub> TBr   | Aj <sup>5</sup> <sub>10</sub> TBrS    |
| Bhutan                         | A                              | A(T)x                         | Aj <sup>6</sup> <sub>10</sub> TBrx  | Aj <sup>6</sup> <sub>10</sub> TBrSx   |
| Brunei                         | A                              | AV                            | AjBV                                | AjTBsV                                |
| Cambodia                       | Av                             | Ax/n                          | Aj <sup>5</sup> <sub>10</sub> Brx/n | Aj <sup>5</sup> <sub>10</sub> TBrSx/n |
| Angkor Wat, Tonlé Sap          | A                              | AV                            | Aj <sup>5</sup> <sub>10</sub> BrV   | Aj <sup>5</sup> <sub>10</sub> TBrSv   |
| China                          | A                              | A                             | Aj <sup>6</sup> <sub>10</sub> B     | Aj <sup>6</sup> <sub>10</sub> TBrS    |
| China, parts of Tibet          | A                              | Av                            | Aj <sup>6</sup> <sub>10</sub> Bv    | Aj <sup>6</sup> <sub>10</sub> TBrSv   |
| Yunnan                         | Ax                             | Ax                            | Aj <sup>6</sup> <sub>10</sub> Bx    | Aj <sup>6</sup> <sub>10</sub> TBrSx   |
| Hong Kong                      | A                              | A                             | AB                                  | ATBs                                  |
| Macau                          | A                              | A                             | AB                                  | ATB                                   |
| East Timor                     | AX                             | AX                            | AjBX                                | AjTBrSx                               |
| Georgia                        | A v <sup>6</sup> <sub>10</sub> | Av <sup>6</sup> <sub>10</sub> | ABv <sup>6</sup> <sub>10</sub>      | ATBrsv <sup>6</sup> <sub>10</sub>     |
| India, north                   | AV                             | A(T)V                         | Aj <sup>5</sup> <sub>10</sub> TBrV  | Aj <sup>5</sup> <sub>10</sub> TBrSv   |
| India, Central & East          | AV                             | A(T)X                         | Aj <sup>5</sup> <sub>10</sub> TBrX  | Aj <sup>5</sup> <sub>10</sub> TBrSx   |
| India, south & west, incl. Goa | AV                             | A(T)V                         | AjTBrV                              | AjTBrSv                               |
| Indonesia                      | A                              | Ax/n                          | AjBx/n                              | AjTBrSx/n                             |
| Bali, Java (tourist areas)     | A                              | A                             | AjB                                 | AjTBs                                 |
| Papua                          | AX                             | AX                            | AjBX                                | AjTBsX                                |
| Iran                           | A                              | Ax <sup>3</sup> <sub>11</sub> | ABx <sup>3</sup> <sub>11</sub>      | ATBrSx <sup>3</sup> <sub>11</sub>     |
| Iraq                           | A                              | AT                            | ATB                                 | ATBrS                                 |
| Israel                         | A                              | A                             | AB                                  | ATBr                                  |
| Japan                          |                                |                               | j <sup>7</sup> <sub>10</sub> B      | j <sup>7</sup> <sub>10</sub> B        |
| Jordan                         | A                              | A                             | AB                                  | ATBr                                  |
| Kazakhstan                     | A                              | A                             | AB                                  | ATBrS                                 |
| Kyrgyzstan                     | A                              | Av <sup>6</sup> <sub>10</sub> | ABv <sup>6</sup> <sub>10</sub>      | ATBrsv <sup>6</sup> <sub>10</sub>     |
| Kuwait                         | A                              | A                             | AB                                  | ATBs                                  |
| Laos                           | Av                             | Ax/n                          | Aj <sup>6</sup> <sub>9</sub> Bx/n   | Aj <sup>6</sup> <sub>9</sub> TBrSx/n  |
| Vientiane                      | A                              | A                             | Aj <sup>6</sup> <sub>9</sub> B      | Aj <sup>6</sup> <sub>9</sub> TBrS     |
| Lebanon                        | A                              | A                             | AB                                  | ATBr                                  |
| Malaysia                       | A                              | Av                            | AjBv                                | AjTBrsv                               |
| Sabah and Sarawak              | A                              | Ax/n                          | AjBx/n                              | AjTBrSx/n                             |
| Maldives                       | A                              | A                             | AB                                  | ATBs                                  |
| Mongolia                       | A                              | A                             | AB                                  | ATBrS                                 |
| Myanmar (Burma)                | A                              | Ax/n                          | Aj <sup>5</sup> <sub>10</sub> Brx/n | Aj <sup>5</sup> <sub>10</sub> TBrSx/n |
| Nepal                          | A                              | A(T)v                         | Aj <sup>6</sup> <sub>10</sub> TBrv  | Aj <sup>6</sup> <sub>10</sub> TBrSv   |
| North Korea                    | A                              | Av                            | Aj <sup>5</sup> <sub>10</sub> Bv    | Aj <sup>5</sup> <sub>10</sub> TBrSv   |
| Oman                           | A                              | Av                            | ABv                                 | ATBrv                                 |
| Pakistan                       | AX                             | A(T)X                         | Aj <sup>5</sup> <sub>10</sub> TBrX  | Aj <sup>5</sup> <sub>10</sub> TBrSx   |
| Philippines                    | A                              | Ax/n                          | AjBx/n                              | AjTBrSx/n                             |
| Qatar                          | A                              | A                             | AB                                  | ATB                                   |
| Saudi Arabia                   | A                              | Ax <sup>9</sup> <sub>1</sub>  | ABx <sup>9</sup> <sub>1</sub>       | ATBsx <sup>9</sup> <sub>1</sub>       |
| Mecca (Hajj)                   | AM                             | AM                            | AMB                                 | AMTBs                                 |
| Singapore                      | A                              | A                             | AB                                  | ATBs                                  |
| Sri Lanka                      | A                              | A(T)v                         | AjTBrv                              | AjTBrsv                               |
| South Korea                    | A                              | Av                            | Aj <sup>5</sup> <sub>10</sub> Bv    | Aj <sup>5</sup> <sub>10</sub> Bsv     |
| Syria                          | A                              | A                             | AB                                  | ATBrS                                 |
| Taiwan                         | A                              | A                             | Aj <sup>5</sup> <sub>10</sub> B     | Aj <sup>5</sup> <sub>10</sub> TBs     |
| Tajikistan                     | A                              | Av <sup>6</sup> <sub>10</sub> | ABv <sup>6</sup> <sub>10</sub>      | ATBrsv <sup>6</sup> <sub>10</sub>     |
| Thailand                       | A                              | Ax/n                          | Aj <sup>5</sup> <sub>10</sub> Brx/n | Aj <sup>5</sup> <sub>10</sub> TBrSx/n |
| Standard tourist areas         | A                              | Av                            | Aj <sup>5</sup> <sub>10</sub> Brv   | Aj <sup>5</sup> <sub>10</sub> TBrSv   |
| Turkmenistan                   | A                              | A                             | AB                                  | ATBrS                                 |
| United Arab Emirates           | A                              | A                             | AB                                  | ATBr                                  |
| Uzbekistan                     | A                              | Av <sup>5</sup> <sub>9</sub>  | ABv <sup>5</sup> <sub>9</sub>       | ATBrsv <sup>5</sup> <sub>9</sub>      |
| Vietnam                        | A                              | Av                            | Aj <sup>5</sup> <sub>10</sub> Bv    | Aj <sup>5</sup> <sub>10</sub> TBrSv   |
| Yemen                          | Av                             | Ax                            | ABx                                 | ATBrSx                                |

when staying in areas with a risk of malaria, that effective mosquito bite prophylaxis is used consistently and that the traveller does not start *stand-by emergency treatment* until he or she has been examined by a doctor and has had malaria parasites detected in a blood sample.

The traveller should also get in touch with his or her insurance company for advice on where malaria may be treated most efficiently.

It is important to stress that the *stand-by emergency treatment* will not always constitute a curative malaria treatment. The primary objective of stand-by emergency treatment is to ensure that the traveller obtains access to an effective and quality-assured medical drug without delay, and because there is a real risk that locally acquired malaria drugs may be ineffective.

Furthermore, it is important to be aware that some groups of travellers, e.g. immigrants who visit their families in their country of origin, travellers who go trekking and stay overnight in some jungle and swamp areas and back-packers on long-term travels with no predetermined travel route, may be at a heightened risk of becoming infected with malaria and these groups therefore require extra careful guidance.

As stand-by emergency treatment, we recommend: atovaquone/proguanil (adults: 4 tablets daily for three days along with a fatty meal).

#### Travel medicine on the internet

Up-to-date information on outbreaks and more detailed information about the individual countries and diseases are available at the following addresses:

[www.ssi.dk/rejser](http://www.ssi.dk/rejser)

[www.um.dk](http://www.um.dk)

[www.who.int/ith](http://www.who.int/ith)

[www.cdc.gov/travel](http://www.cdc.gov/travel)

[www.promedmail.org](http://www.promedmail.org)

(C.S. Larsen, Danish Travel Medicine Society, S. Thybo, Danish Society for Infectious Medicine, J. Kurtzhals, Danish Society for Clinical Microbiology, N.E. Møller, Danish College of General Practitioners, L.S. Vestergaard, Danish Society for Tropical Medicine and International Health, K. Gade, The Danish Paediatric Society, P.H. Andersen, A.H. Christiansen, Department of infectious Disease Epidemiology)

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A: Hepatitis A  
B: Hepatitis B  
f: FSME/TBE  
g/G: Yellow fever

g/G \*: Yellow fever (possible certain risk only)  
j: Japanese encephalitis  
M: Meningococci A + C + W135 + Y  
r: Rabies

S: Tuberculosis  
T: Typhoid fever  
(T): Typhoid fever > 2 weeks  
V: Mosquito bite prophylaxis

X: Atovaquone/proguanil or doxycycline  
N/n: *Stand-by emergency treatment* and mosquito bite prophylaxis