



## SUGGESTED VACCINATIONS FOR FOREIGN TRAVEL

No. 27b, 2016

| 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     | Av <sup>5</sup> 9 | Av <sup>5</sup> 9   | ATBrsv <sup>5</sup> 9 |
| 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    | Aq                | ABq                 | ATBrsq                |
| Dutch Antilles                                  | A     | A                 | A                   | ATB                   |
| Grenada   | A     | A                 | A                   | ATB                   |
| Guadeloupe (FR)                                 | A     | A                 | A                   | ATB                   |
| Haiti   | AX    | AX                | ABX                 | ATBrSX                |
| 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   | AgX   | Agq               | AgBq                | AgTBrsq               |
| Amazonas  | AGX   | AGX               | AGBX                | AGTBrSX               |

The vaccination suggestions have been slightly updated; see EPI-NEWS 26/16 and 27a/16. All travellers should have received diphtheria and tetanus vaccination. Symbols showing this are thus not included in the table.

### The journey

As previously, suggestions are divided into four groups according to the type of journey undertaken:

1. Business or conference trip of some days' duration to a capital or other major city.
2. Tourist trip of up to four weeks' duration including day excursions. If the specific type of journey is associated with a risk of intense exposure, **Grp 2** may be supplemented from **Grp 3/4** e.g. with B in case of sexual contact to locals, T in the event of extremely poor hygiene, M in case of close personal contact to locals, j in case of bug exposition (trekking).
3. Individual journey of some months' duration, e.g. back-packing.
4. Prolonged individual journey with a minimum duration of six months, immigrants visiting relatives (irrespective of duration of stay), persons stationed abroad or similar frequently repeated visits.

**Note: Suggestions will often need to be adapted to individual needs.**

### Symbol typography

CAPITAL LETTERS are used where a recommendation applies to all travellers, lower case letters where the application is limited. Malaria prophylaxis is in **bold type** and placed last in each column. Consequently, f, g, j, r, s refer to vaccination of selected travellers, while **v, q, x, z** refer to risk of malaria in a limited part of the country, www.ssi.dk/rejser (in Danish language). Seasonal variations are stated as numbers. When the risk is seasonal, usually limited to the rainy season, the first and last months of the relevant period are stated in superscript and subscript after the letter, e.g. Afghanistan **x<sup>5</sup><sub>11</sub>**. Note that rainy seasons may vary from year to year, so the numbers only serve as a rule of thumb.

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

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

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

Q: Chloroquine  
X: Mefloquine/Malarone/doxycykline  
Z: Doxycykline/Malarone



|                          | Grp 1 | Grp 2                         | Grp 3                          | Grp 4                             |
|--------------------------|-------|-------------------------------|--------------------------------|-----------------------------------|
| Brazil                   | A     | Ag                            | AgB                            | AgTBrS                            |
| Amazonas                 | AGX   | AGX                           | AGBX                           | AGTBrSX                           |
| Chile                    | A     | A                             | A                              | ATBs                              |
| Columbia                 | Ag*   | Ag*x                          | Ag*Bx                          | Ag*TBrsx                          |
| Amazonas                 | AGX   | AGX                           | AGBX                           | AGTBrSX                           |
| Costa Rica               | A     | Av                            | ABv                            | ATBrv                             |
| Ecuador                  | A     | Ag*x                          | Ag*Bx                          | Ag*TBrsx                          |
| Amazonas                 | AGX   | AGX                           | AGBX                           | AGTBrSX                           |
| Galápagos Islands        | A     | A                             | A                              | ATB                               |
| El Salvador              | A     | Av                            | ABv                            | ATBrsv                            |
| French Guiana            | AG    | AGx                           | AGBx                           | AGTBrx                            |
| Guatemala                | A     | Aq                            | ABq                            | ATBrsq                            |
| Guyana                   | AG    | AGx                           | AGBx                           | AGTBrsx                           |
| Honduras                 | AV    | Aq                            | ABq                            | ATBrsq                            |
| Mexico                   | A     | Av                            | ABv                            | ATBrsv                            |
| Nicaragua                | Aq    | Aq                            | ABq                            | ATBrsq                            |
| Panama                   | A     | Agx                           | AGBx                           | AgTBrsx                           |
| Paraguay                 | AG    | AGq                           | AGq                            | AGTBrsq                           |
| Peru                     | A     | Ag*q                          | Ag*Bq                          | Ag*TBrsq                          |
| Amazonas (Loreto)        | AGX   | AGX                           | AGBX                           | AGTBrSX                           |
| Surinam                  | AG    | AGx                           | AGBx                           | AGTBrsx                           |
| Uruguay                  | A     | A                             | A                              | ATBs                              |
| Venezuela                | Ag*   | Ag*q                          | Ag*Bq                          | Ag*TBrsq                          |
| Amazonas, Bolivar,       | AGX   | AGX                           | AGBX                           | AGTBrSX                           |
| Margarita Island         | A     | A                             | A                              | ATB                               |
| <b>OCEANIA:</b>          |       |                               |                                |                                   |
| 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                            | ABX                            | ATBsX                             |
| 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                              |
| <b>AFRICA:</b>           |       |                               |                                |                                   |
| 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 to all immigrant children born in DK before visiting their country of origin, EPI-NEWS 35/02. Immunoglobulin may be given to children < 1 year.
- B: Hepatitis B (from birth). Revaccination is not recommended, EPI-NEWS 11/13.
- f: Tick borne encephalitis (FSME/TBE), for regular activities in grassy deciduous woodlands during the summer half of the year.
- g/G: Yellow fever (from 9 months).
- g/G\*: Yellow fever, possible certain risk only. See country specific advice at [www.ssi.dk/rejser](http://www.ssi.dk/rejser) (in Danish)
- j: Japanese encephalitis (from 2 months), EPI-NEWS 37/09, 6/12 and 10/13.
- M: Meningococcal disease A + C + W135 + Y (from 1 year, poss. from 2 months EPI-NEWS 10/13). Mandatory for pilgrimage to Mecca, EPI-NEWS 27a/16.
- r: Rabies, see EPI-NEWS 37/10 and 6/16.
- s: Tuberculosis. BCG for children (from birth) and adolescents in case of stay in high endemic areas and regular contact with local population living in poor conditions. Potentially also in the event of prolonged occupational exposure.
- T: Typhoid fever. Injection from app. 2 years, special risk cases from 18 months. Capsules from app. 5 years of age. Recommended to immigrants visiting relatives and friends, irrespective of duration of stay.

### Malaria prophylaxis:

- V: Very limited risk, mosquito bite prophylaxis sufficient.
- Q: Chloroquine, alternatively V or X depending on infection risk.
- X: Mefloquine, Malarone or doxy-cycline.
- Z: Doxycycline or Malarone.

**Basic vaccination of children** and persons who have not received standard childhood vaccinations: EPI-NEWS 5a/15.

**Vaccination of children** prior to stays in developing countries: EPI-NEWS 6/11.

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

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

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

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

Q: Chloroquine  
X: Mefloquine/Malarone/doxycycline  
Z: Doxycycline/Malarone



|                          | 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                          | AGMBrSX                          |
| 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                            |

#### ASIA:

|             |   |                                  |                                 |                                   |
|-------------|---|----------------------------------|---------------------------------|-----------------------------------|
| 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

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

#### Special regulatory requirements

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

According to WHO no country can demand revaccination against yellow fever, EPI-NEWS 27a/16.

Meningococcal vaccination against group A + C + W135 + Y is required for pilgrimage to Saudi Arabia from 2 years of age (children 3 months-2 years against group A), EPI-NEWS 38/13.

There are a few other country specific requirements, see EPI-NEWS 26a/15.

#### Malaria prophylaxis

Primary mosquito bite prophylaxis using balm/net/spray is always important in malaria areas. Four different pharmacological prophylaxis regimens are listed below:

**Chloroquine** should only be used in areas with *P. vivax* and with no *P. falciparum* risk. May be used by pregnant women and children.

**Mefloquine** is efficacious against *P. falciparum* in Africa, but not in all areas of Southeast Asia. According to the WHO, mefloquine may be used for prophylaxis in pregnancy; in the first trimester only when unavoidable. Mefloquine should not be used prophylactically in children under 3 months of age or children weighing less than 5 kgs, or by patients with epilepsy or previous neuropsychiatric illness; nor should it be used by persons practicing diving. Mefloquine should be initiated 3 weeks prior to departure. Mefloquine is no longer marketed in Denmark, EPI-NEWS 7-8/16.

**Malarone** is efficacious against *P. falciparum*. Resistance is very rare. Malarone should not be used in pregnant and breast-feeding women, EPI-NEWS 26a/13. For dosing of children weighing 5-10 kg, see EPI-NEWS 7-8/16.

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

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

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

Q: Chloroquine  
X: Mefloquine/Malarone/doxycycline  
Z: Doxycycline/Malarone



|                                | 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                             | AZ                            | Aj <sup>5</sup> <sub>10</sub> BrZ  | Aj <sup>5</sup> <sub>10</sub> TBrSZ |
| 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                              | Aq                            | Aj <sup>6</sup> <sub>10</sub> Bq   | Aj <sup>6</sup> <sub>10</sub> TBrSq |
| 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                            | AjBx                               | AjTBrSx                             |
| 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                            | Aj <sup>6</sup> <sub>9</sub> BX    | Aj <sup>6</sup> <sub>9</sub> TBrSX  |
| 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                              | Ax                            | AjBx                               | AjTBrSx                             |
| Sabah and Sarawak              | A                              | Ax                            | AjBx                               | AjTBSx                              |
| Maldives                       | A                              | A                             | AB                                 | ATBs                                |
| Mongolia                       | A                              | A                             | AB                                 | ATBrS                               |
| Myanmar (Burma)                | A                              | AZ                            | Aj <sup>5</sup> <sub>10</sub> BrZ  | Aj <sup>5</sup> <sub>10</sub> TBrSZ |
| 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                            | AjBx                               | AjTBrSx                             |
| 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> TBrSv |
| Syria                          | A                              | A                             | AB                                 | ATBrS                               |
| Taiwan                         | A                              | A                             | Aj <sup>5</sup> <sub>10</sub> B    | Aj <sup>5</sup> <sub>10</sub> TBrS  |
| 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                              | Az                            | Aj <sup>5</sup> <sub>10</sub> Brz  | Aj <sup>5</sup> <sub>10</sub> TBrSz |
| 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                              | Az                            | Aj <sup>5</sup> <sub>10</sub> Bz   | Aj <sup>5</sup> <sub>10</sub> TBrSz |
| Yemen                          | Av                             | Ax                            | ABx                                | ATBrSx                              |

**Doxycycline** is efficacious against *P. falciparum* but contraindicated in pregnant women after 10. gestation week and children < 8 years, EPI-NEWS 26a/13 and 7-8/16.

### Malaria self-treatment

In general, self-treatment cannot replace medical prophylaxis or specific diagnostics. Whenever possible, malaria patients should be examined by a physician and a blood smear microscopy should be performed before malaria treatment is initiated. When staying in remote malaria areas with more than 24-48 hours to the nearest medical service, travellers should be supplied with malaria medication for self-treatment to supplement prophylactic measures. An agent not included in the prophylactic regimen should be chosen:

If mefloquine, doxycycline or chloroquine have been used, possibly in combination with proguanil, Malarone is recommended (adults: 4 tablets daily for three days).

If Malarone has been used, mefloquine is used for self-treatment (adults: 3 tablets as a single dose, followed by a single tablet 6-8 hours later).

### Travel medicine on the Internet

Current information on outbreaks and detailed information on individual countries and diseases:

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

[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 Society of Travel Medicine, S. Thybo, Danish Infectious Diseases Society, J. Kurtzhals, Danish Society for Clinical Microbiology, N.E. Møller, Danish College of GPs, L.S. Vestergaard, Danish Society of Tropical Medicine & Int. Health, K. Gade, Danish Paediatric Society, P.H. Andersen, A.H. Christiansen, Department of Infectious Disease Epidemiology).

6 July 2016

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

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

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

Q: Chloroquine  
X: Mefloquine/Malarone/doxycycline  
Z: Doxycycline/Malarone