



## SUGGESTED VACCINATIONS FOR FOREIGN TRAVEL, PART II

No. 25, 2007

	Grp 1	Grp 2	Grp 3	Grp 4
Chad	AgX	AgMX	AgMBX	AgMTBrsX
Chagos Is. (UK)	A	A	AB	ATBrs
Comoro Is.	AX	AX	ABX	ATBrsX
Congo	AGX	AGX	AGBX	AGTBrSX
Dem. Rep. Congo (Zaire)	AgX	AgX	AgBX	AgTBrSX
Djibouti	AX	AX	ABX	ATBrsX
Egypt	A	A	AB	ATBrs
Equatorial Guinea	AGX	AGX	AGBX	AGTBrSX
Eritrea	AX	AMX	AMBX	AMTBrSX
Asmara	A	AM	AMB	AMTBrS
Ethiopia	AGX	AGMX	AGMBX	AGMTBrSX
Adis 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	AGX	AGX	AGBX	AGMTBrSX
Nairobi	AG	AG	AGB	AGTBrS
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 Is. (FR)	AX	AX	ABX	ATBrsX
Morocco	A	Av <sup>5</sup> <sub>9</sub>	ABv <sup>5</sup> <sub>9</sub>	ATBrsv <sup>5</sup> <sub>9</sub>
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
Sao Tomé/Príncipe	AGX	AGX	AGBX	AGTBrSX
Senegal	AGX	AGMX	AGMBX	AGMTBrSX
Seychelles	A	A	AB	ATBs
Sierra Leone	AGX	AGX	AGBX	AGTBrSX
Somalia	AgX	AgX	AgBX	AgTBrSX
Sudan	AgX	AgMX	AgMBX	AgMTBrSX
Swaziland	Ax	Ax	ABx	ATBrsx
South African Rep.	A	Ax	ABx	ATBrsx
Tanzania	AGX	AGX	AGBX	AGTBrSX
Togo	AGX	AGMX	AGMBX	AGMTBrSX
Tunesia	A	A	AB	ATBrs
Uganda	AGX	AGMX	AGMBX	AGMTBrSX
Zambia	AX	AX	ABX	ATBrsX
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	Av <sup>6</sup> <sub>10</sub>	ABv <sup>6</sup> <sub>10</sub>	ATBrsv <sup>6</sup> <sub>10</sub>
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

### Cholera vaccination

Cholera vaccination is not suggested to ordinary tourists. The vaccine may however be relevant in areas with cholera outbreaks. The protection against ordinary traveller's diarrhoea is now considered so low that the vaccine is no longer suggested.

### Special regulatory requirements

Residence/transit in countries where yellow fever can occur may require vaccination at a later stage of the journey (see yellow fever map at [www.ssi.dk/rss](http://www.ssi.dk/rss) (in Danish language)).

Meningococcal vaccination against group A+C+W135+Y is required on pilgrimage to Saudi Arabia for children from three months of age, EPI-NEWS 46/06.

### Malaria prophylaxis

Primary mosquito bite prophylaxis (repellent/net/spray) is always important in malaria areas. Five different pharmacological prophylaxis regimes are listed below:

**Chloroquine:** In the event of low risk of falciparum malaria or high sensitivity to chloroquine. Can be used by children and pregnant women.

**Chloroquine+proguanil:** In the event of high risk of falciparum malaria with reduced sensitivity to chloroquine. Can be used by children and pregnant women.

**Mefloquine:** Efficacious against *P. falciparum* strains resistant to other malaria remedies. Contraindicated for pregnant women; pregnancy should be avoided in the first three months after taking mefloquine.

Mefloquine should not be used prophylactically by children under 3 months of age and infants less than 5 kg, or by people with epilepsy or previous neuropsychiatric illness; nor should it be used by persons practicing diving.

**Malarone** is efficacious against *P. falciparum* strains resistant to other antimalarial agents. Malarone should, if at all possible, be avoided by pregnant women and cannot be recommended to lactating women, EPI-NEWS 19-20/02. Treatment of children: EPI-NEWS 19/05.

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

j: Japanese encephalitis  
M: Meningococcus A+C  
M\*: Meningococcus A+C+W135+Y  
r: Rabies

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

Q Chloroquine  
U: Chloroquine + proguanil  
X: Mefloquine/Malarone/doxycycline  
Z: Doxycycline/Malarone

	<b>Grp 1</b>	<b>Grp 2</b>	<b>Grp 3</b>	<b>Grp 4</b>
Bangladesh	<b>Av</b>	<b>A(T)x</b>	<b>Aj<sup>7</sup><sub>12</sub>TBrx</b>	<b>Aj<sup>7</sup><sub>12</sub>TBrsx</b>
Dhaka	<b>A</b>	<b>A(T)</b>	<b>Aj<sup>7</sup><sub>12</sub>TBr</b>	<b>Aj<sup>7</sup><sub>12</sub>TBr</b>
Bhutan	<b>A</b>	<b>A(T)x</b>	<b>Aj<sup>6</sup><sub>1</sub>TBrx</b>	<b>Aj<sup>6</sup><sub>1</sub>TBrsx</b>
Brunei	<b>A</b>	<b>A</b>	<b>AjB</b>	<b>AjTBs</b>
Cambodia	<b>A</b>	<b>AZ</b>	<b>Aj<sup>5</sup><sub>10</sub>BrZ</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrz</b>
Phnom Penh, Tonle Sap	<b>A</b>	<b>A</b>	<b>Aj<sup>5</sup><sub>10</sub>Br</b>	<b>Aj<sup>5</sup><sub>10</sub>TBr</b>
China, north of latitude 25°	<b>A</b>	<b>A</b>	<b>Aj<sup>5</sup><sub>9</sub>B</b>	<b>Aj<sup>5</sup><sub>9</sub>TBr</b>
China, south of latitude 25°	<b>A</b>	<b>Aq</b>	<b>Aj<sup>4</sup><sub>10</sub>Bq</b>	<b>Aj<sup>4</sup><sub>10</sub>TBrsq</b>
Hainan, Yunnan	<b>Ax</b>	<b>Ax</b>	<b>Aj<sup>4</sup><sub>10</sub>Bx</b>	<b>Aj<sup>4</sup><sub>10</sub>TBrsx</b>
Hong Kong	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBs</b>
Macau, Port of	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATB</b>
East Timor	<b>AX</b>	<b>AX</b>	<b>AjBX</b>	<b>AjTBrsX</b>
Georgia	<b>A v<sup>7</sup><sub>10</sub></b>	<b>Av<sup>7</sup><sub>10</sub></b>	<b>ABv<sup>7</sup><sub>10</sub></b>	<b>ATBrsv<sup>7</sup><sub>10</sub></b>
India, north	<b>Av</b>	<b>A(T)u</b>	<b>Aj<sup>7</sup><sub>12</sub>TBru</b>	<b>Aj<sup>7</sup><sub>12</sub>TBr</b>
Assam, Orissa	<b>AV</b>	<b>A(T)X</b>	<b>Aj<sup>7</sup><sub>12</sub>TBrX</b>	<b>Aj<sup>7</sup><sub>12</sub>TBrSX</b>
India, south (EPI-NEWS 24/07)	<b>Av</b>	<b>A(T)u</b>	<b>AjTbru</b>	<b>AjTBrsu</b>
Goa	<b>AV</b>	<b>A(T)X</b>	<b>AjTbrX</b>	<b>AjTBrsX</b>
Indonesia	<b>A</b>	<b>AX</b>	<b>AjBX</b>	<b>AjTBrsX</b>
Bali, Java (tourist areas)	<b>A</b>	<b>A</b>	<b>AjB</b>	<b>AjTBs</b>
Irian Jaya	<b>AX</b>	<b>AX</b>	<b>AjBX</b>	<b>AjTBsX</b>
Iran	<b>Av<sup>5</sup><sub>11</sub></b>	<b>ATq<sup>5</sup><sub>11</sub></b>	<b>ATBq<sup>5</sup><sub>11</sub></b>	<b>ATBrq<sup>5</sup><sub>11</sub></b>
Iraq	<b>A</b>	<b>Ax<sup>3</sup><sub>11</sub></b>	<b>ABx<sup>3</sup><sub>11</sub></b>	<b>ATBrx<sup>3</sup><sub>11</sub></b>
Israel	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Japan			<b>j<sup>4</sup><sub>10</sub></b>	<b>j<sup>4</sup><sub>10</sub>B</b>
Jordan	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Kazakhstan	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Kirgizia	<b>A</b>	<b>Av<sup>6</sup><sub>10</sub></b>	<b>ABv<sup>6</sup><sub>10</sub></b>	<b>ATBrsv<sup>6</sup><sub>10</sub></b>
Kuwait	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBs</b>
Laos	<b>Av</b>	<b>AX</b>	<b>Aj<sup>5</sup><sub>10</sub>BX</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrSX</b>
Vientiane	<b>A</b>	<b>A</b>	<b>Aj<sup>5</sup><sub>10</sub>B</b>	<b>Aj<sup>5</sup><sub>10</sub>TBr</b>
Lebanon	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Malaysia, including	<b>A</b>	<b>Ax</b>	<b>AjBx</b>	<b>AjTBrsx</b>
Sabah & Sarawak	<b>A</b>	<b>Ax</b>	<b>AjBx</b>	<b>AjTBrsx</b>
Maldives	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBs</b>
Mongolian Rep.	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Myanmar (Burma)	<b>A</b>	<b>AZ</b>	<b>Aj<sup>5</sup><sub>10</sub>BrZ</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrz</b>
Nepal	<b>A</b>	<b>A(T)u</b>	<b>Aj<sup>7</sup><sub>12</sub>TBru</b>	<b>Aj<sup>7</sup><sub>12</sub>TBr</b>
North Korea	<b>A</b>	<b>Av</b>	<b>Aj<sup>5</sup><sub>10</sub>Bv</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrsv</b>
Oman	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Pakistan	<b>AX</b>	<b>A(T)X</b>	<b>Aj<sup>6</sup><sub>1</sub>TBrX</b>	<b>Aj<sup>6</sup><sub>1</sub>TBrSX</b>
Philippines	<b>A</b>	<b>Ax</b>	<b>AjBx</b>	<b>AjTBrsx</b>
Qatar	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATB</b>
Saudi Arabia	<b>A</b>	<b>Ax</b>	<b>ABx</b>	<b>ATBsx</b>
Mecca (Hajj)	<b>AM*</b>	<b>AM*</b>	<b>AM*B</b>	<b>AM*TBs</b>
Singapore	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBs</b>
Sri Lanka	<b>A</b>	<b>A(T)u</b>	<b>AjTbru</b>	<b>AjTBrsu</b>
South Korea	<b>A</b>	<b>Av</b>	<b>Aj<sup>7</sup><sub>10</sub>Bv</b>	<b>Aj<sup>7</sup><sub>10</sub>TBrsv</b>
Syria	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Taiwan	<b>A</b>	<b>A</b>	<b>Aj<sup>4</sup><sub>10</sub>B</b>	<b>Aj<sup>4</sup><sub>10</sub>TBs</b>
Tajikistan	<b>A</b>	<b>Au<sup>6</sup><sub>10</sub></b>	<b>ABu<sup>6</sup><sub>10</sub></b>	<b>ATBrsu<sup>6</sup><sub>10</sub></b>
Thailand	<b>A</b>	<b>Az</b>	<b>Aj<sup>5</sup><sub>10</sub>Brz</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrz</b>
standard tourist areas	<b>A</b>	<b>Av</b>	<b>Aj<sup>5</sup><sub>10</sub>Brv</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrsv</b>
Turkmenistan	<b>A</b>	<b>Av<sup>6</sup><sub>9</sub></b>	<b>ABv<sup>6</sup><sub>9</sub></b>	<b>ATBrsv<sup>6</sup><sub>9</sub></b>
United Arab Emirates	<b>A</b>	<b>A</b>	<b>AB</b>	<b>ATBr</b>
Uzbekistan	<b>A</b>	<b>Av</b>	<b>ABv</b>	<b>ATBrsv</b>
Vietnam	<b>A</b>	<b>Az</b>	<b>Aj<sup>5</sup><sub>10</sub>Bz</b>	<b>Aj<sup>5</sup><sub>10</sub>TBrz</b>
Yemen	<b>Av</b>	<b>Ax</b>	<b>ABx</b>	<b>ATBrsx</b>

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 M: Meningococcus A+C  
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 r: Rabies

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

Q Chloroquine  
 U: Chloroquine + proguanil  
 X: Mefloquine/Malarone/doxycycline  
 Z: Doxycycline/Malarone

Doxycycline is efficacious against *P. falciparum* resistant to other malaria remedies. Doxycycline is contraindicated for pregnant women and children under the age of 12, EPI-NEWS 19/05.

#### Malaria self-treatment

In general, self-treatment cannot replace prevention by medication or exact diagnostics. When residing for a longer period in remote malaria areas, with more than 24-48 hours to the nearest medical assistance, it may be recommended to give the traveller a malaria remedy for self-treatment as a supplement to prophylaxis. An agent not included in the prophylaxis should be chosen: If chloroquine, possibly in combination with proguanil, has been used, Malarone (4 tablets daily for 3 days) or mefloquine (one dose of 3 tablets plus 1 tablet 6-8 hours later) are recommended. If mefloquine or doxycycline has been used a prophylaxis, Malarone should be given for self-treatment. If Malarone has been used, mefloquine should be given for self-treatment.

#### Travel medicine on the Internet

Current information about outbreaks and more detailed information about individual countries and diseases can be found at:

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

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