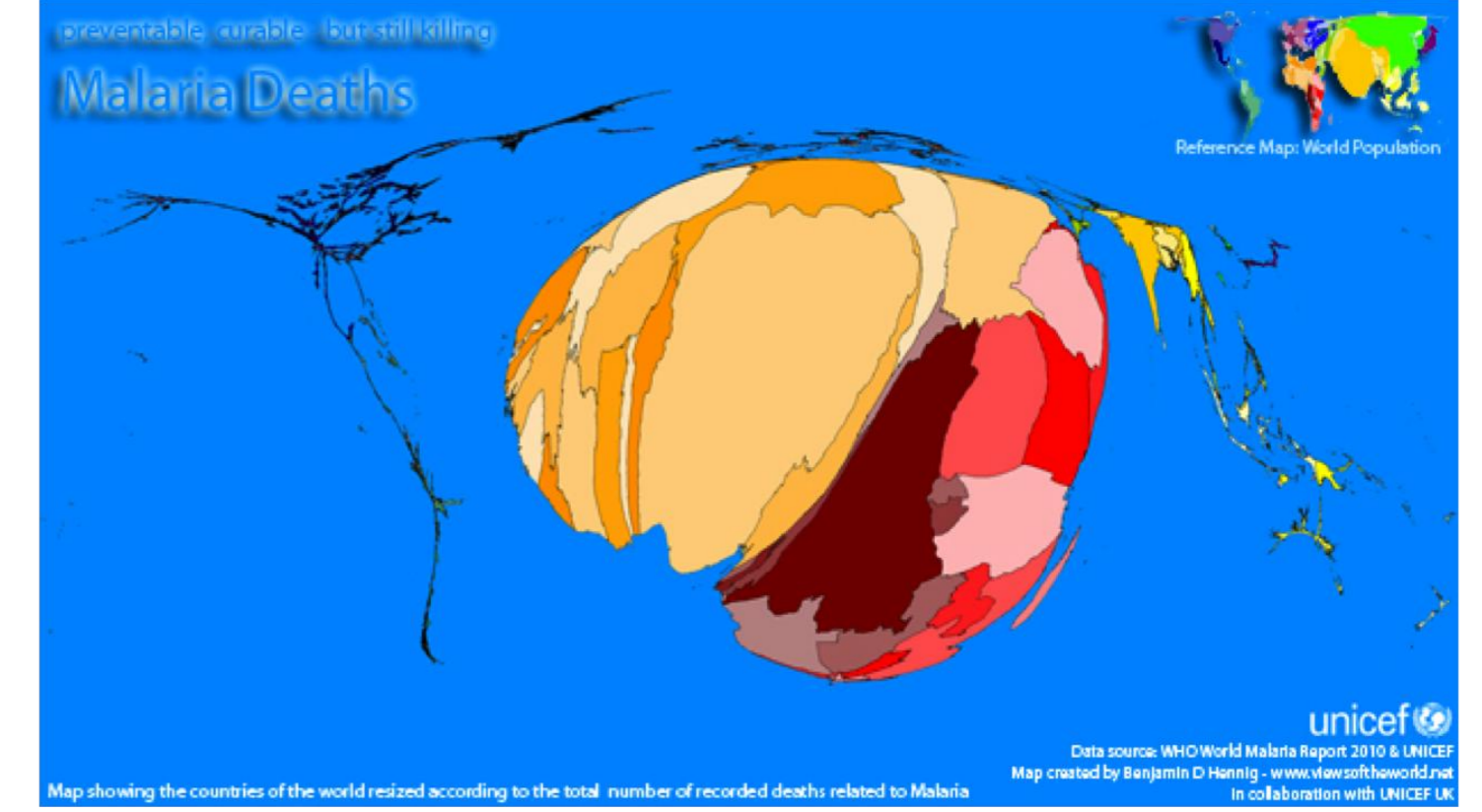


IMPORTED MALARIA IN AN ITALIAN PAEDIATRIC DEPARTMENT Treviso 1996 - 2012

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Imported malaria is progressively increasing in Italy in the last two decades. A significant number of malaria cases is registered every year in North-eastern Italy due to the high immigration rate. Most cases are non-immune African children born in Italy and visiting friends and relatives (VFR) in endemic areas without proper chemoprophylaxis. Every year in the world's there are more than 365 million malaria cases and more than a million death (80% are children) the most part in sub-saharian Africa. Malaria is endemic in 105 countries. More than 30.000 cases of malaria are reported annually among travelers from developed countries



1996-2012: 65 cases imported malaria in children (age range 7 months- 15 years)

- 39 (60%) born in Italy long term immigrants (VFR)
- 24 (38%) new immigrants arriving in Italy for the first time
- 1 adopted child from India
- 1 Italian child visiting Africa with parents for tourism (Costa d'Avorio)

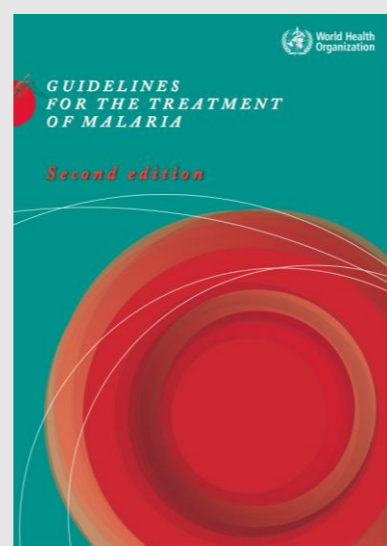
Area of acquisition of malaria:

- 64 children from sub-saharian AFRICA:
 - Nigeria - Burkina Faso - Senegal - Sierra Leone - Guinea Bissau - Ghana - Costa D'Avorio - Togo - Camerun - Congo
- 1 child from ASIA - India

Seasonal Incidence: most cases in **summer-autumn** during school holidays

Plasmodium Species:

- P. falciparum 58 children
- P. falciparum + P. vivax 5 children
- P. falciparum + P. ovale 2 children



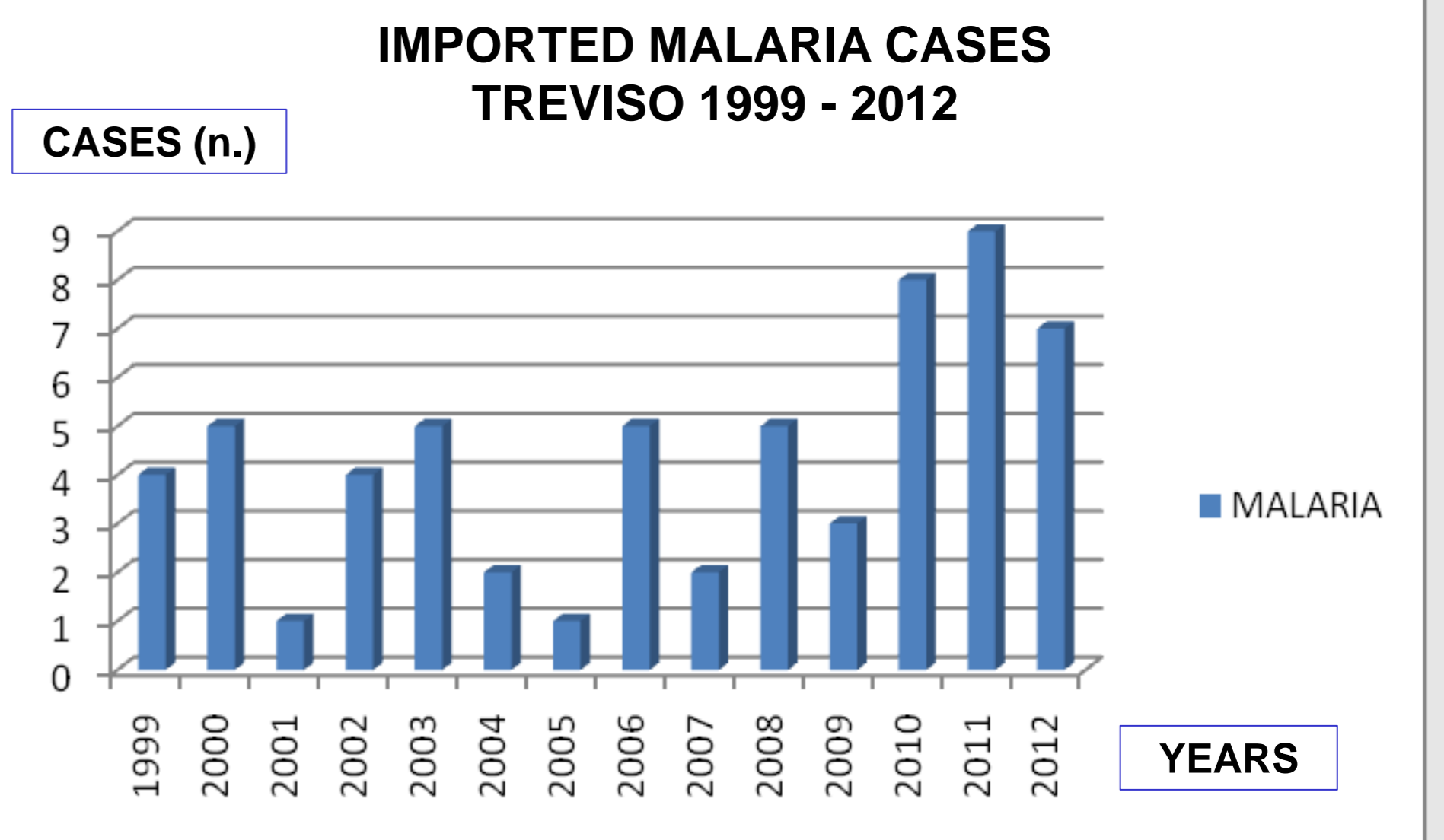
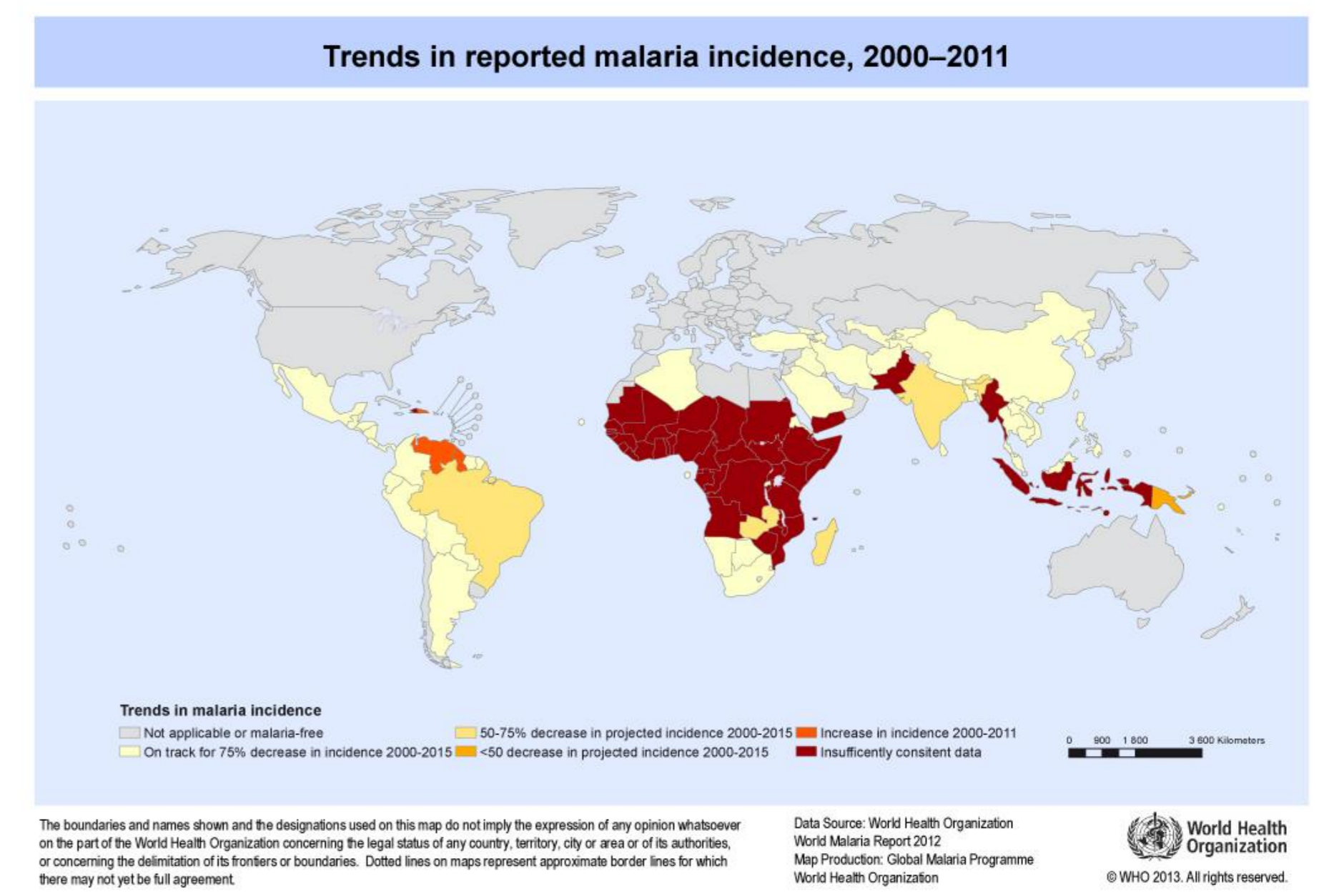
Treatment:

Quinine until 2010 - Artemisinin derivatives 2011-2013 (REV. WHO Guidelines 2011)

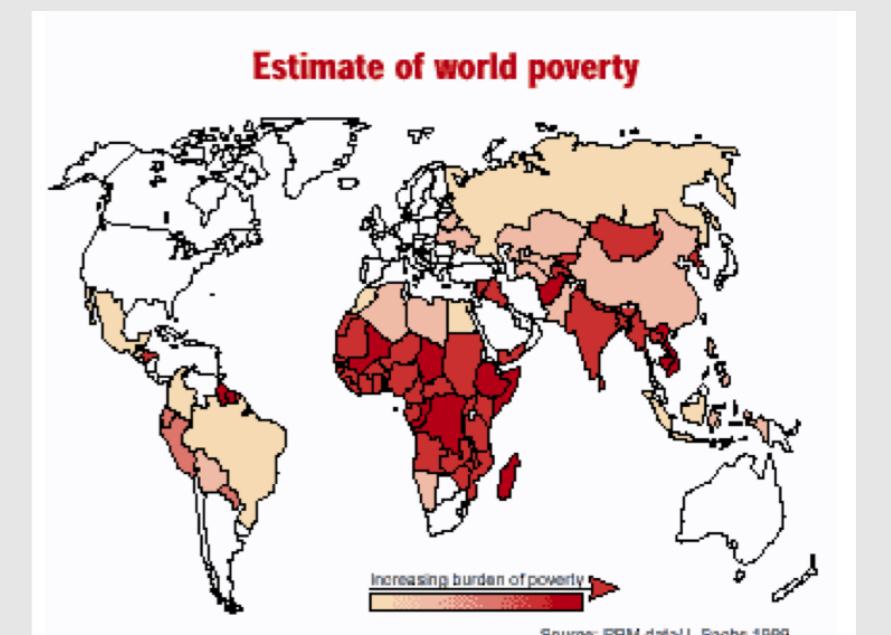
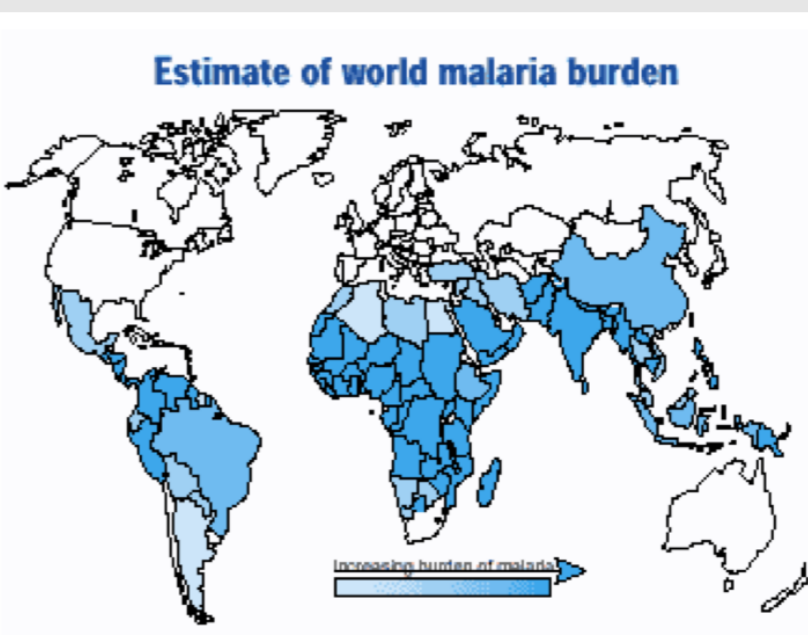
Outcome:

No deaths - 2 relapses
1 case with neurological sequelae (severe malaria complicated with rhabdomyolysis and acute renal failure due to delayed diagnosis)

IN ALL CASES NON-APPROPRIATE PROPHYLAXIS WAS REPORTED



Immigrants in VENETO region
530.00 = 10,9 %
(In Europe 6,6 % - in Italy 8.2 %)
CARITAS DATA 2012



These epidemiological data demonstrate the importance of the chemoprophylaxis in long-term immigrants in order to prevent imported malaria.

COSA FARE ? WHAT CAN YOU DO ? QUE FAIRE ?

SPRAY REPELLENTE ZANZARIERA FARMACI

AMBULATORIO VIAGGIATORI INTERNAZIONALI
 Dipartimento di Prevenzione
 Servizio Igiene e Sanità Pubblica
 • sede Treviso - La Madonnina, via Castellana 2 tel 0422 323811
 • sede Oderzo, via Manin 56 tel 0422 715601
 SU APPUNTAMENTO oppure
TELEFONA AL TUO PEDIATRA
INFORMAZIONI

AZIENDA ULSS 9 TREVISO Dipartimento di Prevenzione

RITORNI A CASA?
ATTENZIONE ALLA MALARIA !
ATTENTION AU PALUDISME !
ATTENTION TO MALARIA!

ATTENZIONE
 soprattutto al tuo BAMBINO e a te DONNA se sei in gravidanza

In Italia HAI PERSO la protezione che avevi nel tuo PAESE

Early diagnosis of malaria reduces severe complications: we recommend physicians to suspect this infection in all febrile children coming from malaria endemic areas.