Infectious Diseases as a Disaster

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How do we contract infectious diseases?
Influenza
Measles

Varicella
Congenital Zika virus Infection

Baby with Typical Head Size

Baby with Microcephaly

Baby with Severe Microcephaly

Foodborne diseases

http://www.foodsafetynews.com/2015/05/year-long-survey-finds-campylobacter-on-73-percent-of-uk-chicken/#.Wf66rGh-qUl
Exposure

Human Creatures

Food Nature
SAVE LIVES: Clean Your Hands
WHO’s Global Annual Campaign
Advocacy Toolkit

“Health care-associated infection is such a big problem, we need to focus the world on something that is truly actionable and can save many, many lives. This action is hand hygiene, a flagship element of WHO’s patient safety work.”

Dr Edward Kelley, Director, Service Delivery and Safety, WHO
For Traveler's Health: FORTH

FORTH(フォース)ホームページへようこそ！

FORTH(For Travelers' Health)ホームページでは、海外へ出かけになる皆様が健康に過ごしていただけるように、海外で流行している感染症などの情報を提供を行っています。

http://www.forth.go.jp/index.html
Regions at risk for Dengue

Dengue, countries or areas at risk, 2013

Countries or areas where dengue has been reported

The contour lines of the January and July isotherms indicate areas at risk, defined by the geographical limits of the northern and southern hemispheres for year-round survival of Aedes aegypti, the principal mosquito vector of dengue viruses.

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: World Health Organization
Map Production: Health Statistics and Information Systems (HSI)
World Health Organization

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http://gamapserver.who.int/mapLibrary/Files/Maps/Global_DengueTransmission_IHRiskMap.png?ua=1
Travel Clinic

- Pre-travel health check
- Pre-travel immunization
- Post-travel care
- Official yellow fever vaccine center
Risk communication and raising public awareness
Beware of acquiring infection from:

1) Sick Peroneal: Cough, Nausea/Vomit, Rash…

2) Exposure: Travel, Nature, Creatures, and Foods
How can we reach general public?