



The world's premier global infectious disease database

Gideon is the definitive knowledge management tool in the rapid, accurate diagnosis of global infectious diseases.

Gideon Benefits

- Provides rapid, efficient access to a vast knowledge database
- Utilized by hundreds of institutions in over 40 countries
- Offers a reliable diagnosis or simulation of clinical problems based on patient presentation and epidemiology
- Presents current distribution and country specific information for over 300 diseases in over 200 countries
- Comprehensive treatment options including all antimicrobial agents, pathogens and vaccines

Gideon improves the quality of healthcare by increasing the speed and accuracy of diagnosis

- Efficiently eliminates diseases that are inconsistent with clinical and epidemiological presentation
- Assists in managing an ever increasing patient pool; travelers, immigrants, corporate employees and military personnel
- Rapidly identifies diseases requiring strict isolation or infection control measures
- Targets tropical and infectious diseases, epidemiology and microbiology

The screenshot displays the Gideon web interface. At the top, there is a search bar and navigation tabs for 'Infectious Diseases' and 'Microbiology'. Below this, there are tabs for 'Diagnosis', 'Diseases', 'Travel', 'Drugs', and 'Vaccines'. The main content area is divided into several sections:

- Suggestions:** A list of checkboxes for clinical findings such as 'Cultures positive', 'Presumed respiratory or pharyngeal acquisition', 'Severe (hospitalized, hemorrhagic fever, fatal, etc)', and 'Neurological - headache, meningitis, etc'.
- Clinical Presentation:** A section where the user has selected 'Country: Congo'. Below this, there are various clinical findings with checkboxes, some of which are checked (e.g., 'The patient is an adult', 'Fever', 'Illness is recurrent or >= 3 weeks (warning)', 'Diffuse or multifocal rash').
- Clinical Summary:** A summary of the selected findings, including 'Country: Congo', 'The patient is an adult', 'Fever', and 'Pulmonary, thoracic, chest wall or cardiac'.
- Diagnosis results:** A table listing diseases and their probabilities. The top results are:

Disease	Probability
Loiasis	29%
HIV infection - initial illness	27%
Enterovirus infection	15%
Syphilis	4%
Varicella	4%
Chikungunya	4%
Pyodermas (impetigo, abscess, etc)	3%
Erysipelas or cellulitis	3%
Rubella	2%
Spotted fevers - Old World	1%
Onchocerciasis	1%
Septicemia - bacterial	1%
Infectious mononucleosis or EBV infection	1%
Schistosomiasis - mansoni	1%
Malaria	1%
Herpes simplex infection	<1%
Herpes zoster	<1%
Typhus - endemic	<1%
Mansonelliasis - M. streptocerca	<1%
Candidiasis	<1%
Hepatitis A	<1%
Scarlet fever	<1%
Schistosomiasis - haematobium	<1%

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