
Notes

Chapter 1

1. Transmitted from person to person through the bite of a female *Anopheles* mosquito, malaria is an infection of red blood cells in human populations caused by protozoa of the genus *Plasmodium*. Four species of *Plasmodium* infect humans: *Plasmodium falciparum*, *P. vivax*, *P. malariae*, and *P. ovale*. Of these four species, *P. falciparum* infection is the main cause of mortality from malaria throughout the tropics and subtropics, especially in tropical Africa (Snow and Gilles 2002). Only about 10–20 percent of the world's cases of *P. vivax* infection occur in Africa, south of the Sahara, with significantly low incidences across the central belt of this continent due to the Duffy negative trait (Mendis and others 2001).

2. The other founding partners of Roll Back Malaria include the World Bank, the United Nations Children's Fund, and the United Nations Development Programme. Since its inception, more than 90 multilateral, bilateral, nongovernmental, and private sector organizations have become actively engaged with the initiative.

3. All dollar amounts are U.S. dollars unless otherwise indicated.

Chapter 2

1. Trape and his colleagues (1998) reported that the emergence and development of chloroquine resistance resulted in a 2.1- to 5.5-fold increase in mortality risk among children 0–9 years old in several populations in the Sahel.

Chapter 4

1. HRP2 is a water soluble protein produced by asexual stages and young gametocytes of *P. falciparum*.

2. pLDH is a soluble glycolytic enzyme produced by sexual and asexual states of all four *Plasmodium* parasites infecting humans.

Chapter 5

1. See www.INDEPTH-Network.net for full inventory of sites.

Chapter 7

1. See www.transparency.org/ for further information.
2. For further details on the Equator Principles see www.equator-principles.com/.
3. These are available at www.theglobalfund.org/.

Chapter 8

1. See www.measuredhs.com for further information.
2. See www.childinfo.org for further information.

Chapter 9

1. See www.ipiti-malaria.org for further information.
2. *Sporozoite* is the parasite stage that is transmitted from mosquitoes to people.
3. *Merozoite* is the parasite stage that is initially released from the infected liver cell and rapidly invades and replicates in circulating red blood cells.

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