

1. Record Nr.	UNINA9910320753103321
Titolo	Ebola Virus Disease : A Manual for EVD Management / / edited by Marta Lado
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-94854-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (193 pages)
Disciplina	614.588
Soggetti	Medical microbiology Health promotion Virology Medical Microbiology Health Promotion and Disease Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	EVD INTRODUCTION -- Virology and VHF diseases: Ebola, Marburg, Lassa.-History of previous outbreaks -- Sources of the infection, ways of transmission -- CLINICAL FEATURES AND CASE DEFINITION -- Clinical features: incubation period, clinical presentation and post Ebola syndrome -- RESPONSE TO EVD OUTBREAK -- Screening of suspected cases in a referral Hospital: variability of the case definition adapted to the outbreak. Screening forms and Standard precautions -- Isolation Unit: how to set up and construct a holding unit in a hospital and satellite clinics -- Personal protection equipment (PPE) and Infection prevention and control (IPC) measures -- Waste management and cleaning/disinfection -- Safe Medical Burials: practical and cultural implications -- EVD MANAGEMENT -- Symptomatic, supportive treatment- differences between treatment in the field and high resources settings (Europe, US) -- Special populations: pregnancy and pediatrics -- Controversies with invasive therapies: dialysis, ventilation -- New therapies, Experimental drugs (Zmapp, Favipiravir, convalescent serum, etc) and vaccines -- DIAGNOSTICS EVD -- Rapid tests for EVD -- Laboratory: RT-PCR, serology and Ag determination.

## Sommario/riassunto

This current manual gives an overview to management of Ebola Virus Disease outbreaks from a practical point of view. It gives an introduction to the topic, reviews the history and previous outbreaks of Ebola virus disease and gives insight to clinical features of the disease. The major part of the book presents ways of response including screening, isolation and personal protection equipment as well as waste management during disease outbreaks. New therapies and experimental drugs are discussed in further detail. The last part of the volume deals with all aspects of diagnostics and practical laboratory handling of Ebola virus. Dr. Marta Lado is the clinical lead of the King's Sierra Leone Partnership in country team. She brings together a group of authors aggregating both well-grounded basic knowledge on Ebola virus as well as deep experience with Ebola Virus Disease in the field.

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