Additional file 1. Clinical research domains

Domain	Question(s)	Population
Clinical phenotype and natural history of disease	What are the signs and symptoms of the disease?	Neonates
	What are the laboratory (haematology, biochemistry, coagulation etc.) features of disease?	Infants
		Children
	Which constellations of clinical features distinguish disease from differential diagnoses?	Adults
		Elderly
	Are there distinct clinical syndromes amenable to staging/grading?	Pregnant
	Does asymptomatic infection occur?	Breastfeeding
	What is the mortality rate?	Immunosuppressed
Transmission and prevention	What is the incubation period of the disease?	Malnourished
	What are the routes of transmission?	Comorbidities
	What are the infective body fluids? When and how long are they infectious for?	
	How effective is vaccination (if it exists) at preventing disease?	
	What are the side effects of vaccination?	
	How effective is drug prophylaxis (if it exists) at preventing disease?	
	How effective is post-exposure drug prophylaxis (if it exists) at preventing disease?	
	What are the side effects of drug prophylaxis?	
Diagnostics	What is the sensitivity and specificity of different diagnostic tests? In different bodily fluids (e.g., blood, CSF, urine)?	
Immune response	What is the serological response to infection?	
Drug therapy and supportive care (e.g., electrolytes, fluids)	What is the effect of supportive care on: 1. Length of hospital stay? 2. Complications 3. Mortality rate? What is the effect of different doses, routes and frequencies of supportive therapy on the response? What are the side effects of supportive therapy	
Risk factors for more severe disease	What are the risk factors for disease?	
	What are the risk factors for severe disease?	
	What are the risk factors for mortality?	
	What are the risk factors for long term complications/sequela?	