

## 5th Epidemiological and Biologic Risk Operational Coordination and Network meeting, June 27, 2019

### Key points

- ✓ French health authorities plan to renew the organisation for Exceptional Health Events, identifying an Epidemiological and Biological Risks (EBR) component, based on national and regional Reference public and military Hospitals (RH) with a mobile national health care team, EBR dedicated.
- ✓ Dramatic increase of annual scientific publications including “emerging infectious diseases” as key words. ECDC reports combined with Promed cover 95% of the infectious diseases alerts published worldwide.
- ✓ French recommendations 2018 from the « High Council for Public Health » defining antivirals and monoclonal antibodies indications against Ebola as cure treatment and post exposure prophylaxis in context and in Reference Hospitals are now available. Treatment indications have to be decided based on a multidisciplinary collegial advice and should pay attention to possible side effects.

*Post Meeting note: In August 2019, preliminary results from the randomised control trial, WHO coordinated in DRC, have shown greater efficacy in reducing mortality with the Regeneron and the Mab114 compared to the remdesivir and Z-Mapp arms which were thus stopped. (Mulangu S et al. A Randomized, Controlled Trial of Ebola Virus Disease Therapeutics. N Engl J Med. 2019 Nov 27).*

- ✓ Tele-expertise for EBR alert: operational examples for case management of suspected patient could rise from the Maritime Medical Consultation Centre or within geriatric hospitals when dealing with emerging highly resistance bacteria.
- ✓ Management of EBR alerts and infectious diseases emergencies by emergency departments from the area of Latium, Italy uses : syndromic approach with algorithms and a tele-expertise platform coordinated by infectious diseases specialists; if necessary, patients referred to High Level Isolation Unit (Spallanzani hospital, Roma)
- ✓ Integrating EBR in ED routine care: example of Nantes University Hospital.
- ✓ Importance of sharing local initiative coordinated by regional RHs through an EBR national network, in particular concerning the competency maintenance (training) and local and national procedures.
- ✓ French RHs located in tropical areas: West Indies, French Guyana and Reunion Island show great experiences of EBR crisis management and preparedness integrating real time adaptability with dedicated outpatients EBR consultations and regional health authorities and general practitioners commitments. Difficulties include important staff turnover and geographic isolation.