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Health Systems Response to Covid -19 Pandemicity at Low & Middle Income Countries

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Objectives

Pandemicity of Covid- 19 was not expected from any health systems it did not matter if those systems were strong or weak that Pandemicity developed various responses and led to questions asked from all health care professionals like

1. Lessons learned from Covid 19 to health systems?
2. Analysis of health systems response to Covid Pandemicity?
3. Future of Health systems after Covid 19.

The objective of that research is trying to answer about the previous questions trying to find recommendations, solutions for the MENA regions countries through policy analysis for MENA health systems at the following aspects [1].

1. Health systems response capacity to pandemicity
2. Time for Response.
3. Surveillance policies response.
4. Infection control policies response

Methods

Integration between Analyses for local data for MENA countries & literature review for international standards plus international experiences for countries controlled and managed COVID – 19 Pandemicity the following frame work was developed (Tables 1-3).

Table 1

Health system capacity to pandemicity	
Detection & Monitoring system	Number of ventilators
Health care professionals work force	Health care professionals work force Experience level
Numbers of hospitals beds	Turnover of Hospital beds
Number of Public tests	Technology solutions
Effective polices for Quarantine	

Table 2

Surveillance polices response	
Detection & Monitoring system	Resources utilization & management
Rapid Response rates for detections	Adaptation of surveillance priorities at subnational level
Collection and reporting of 2019-nCoV surveillance data	Risk communication and community engagement
Operations support and logistics	Technology solutions

Table 3

Infection control policies response	
Capacity for treatment of patients infected with 2019-nCoV	
Capacity	Investigation of all cases of healthcare associated infections
Capacity of	Development of a national plan to manage PPE supply
Capacity prevent transmission to staff, other patients/visitors and in communities	

Results

The following results were found (Figures 1-5).

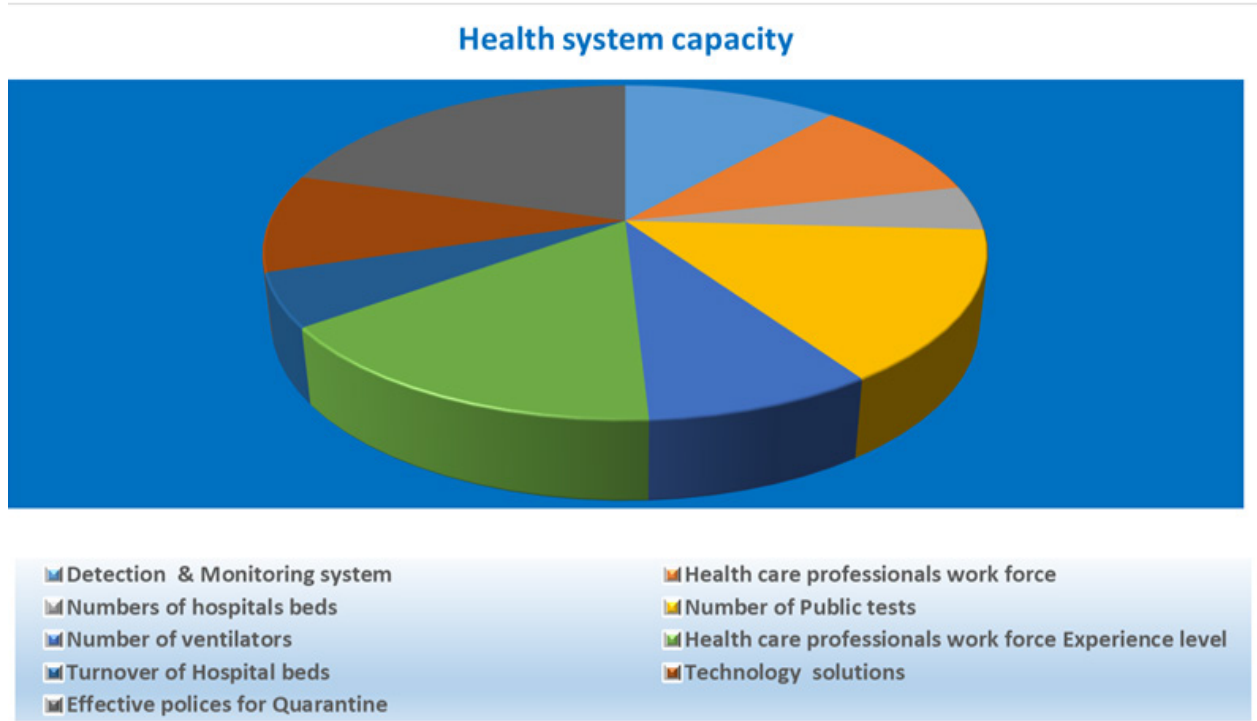


Figure 1



Figure 2

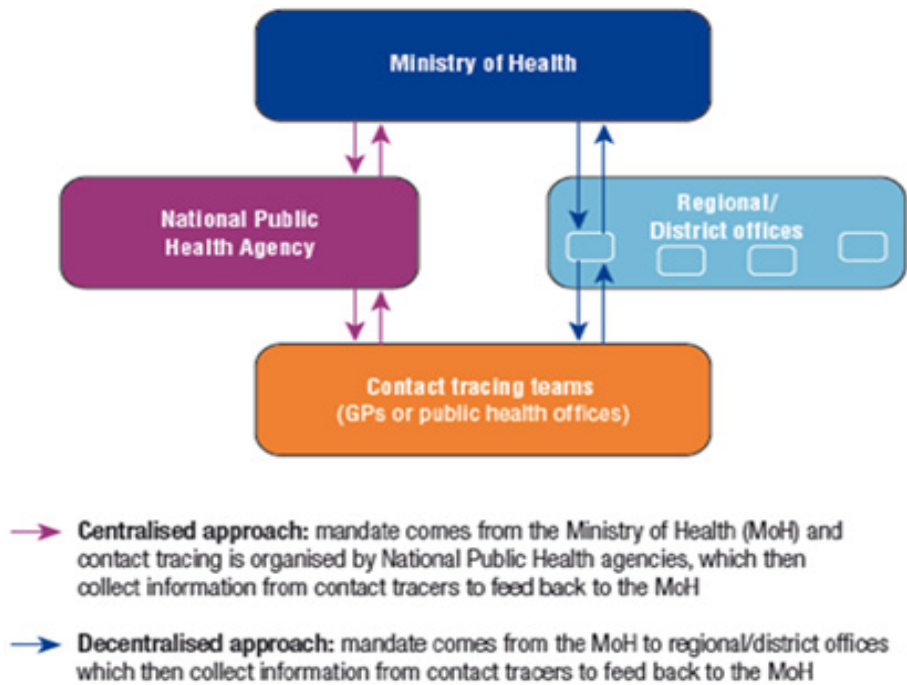


Figure 3 The main approaches to contact tracing.



Figure 4

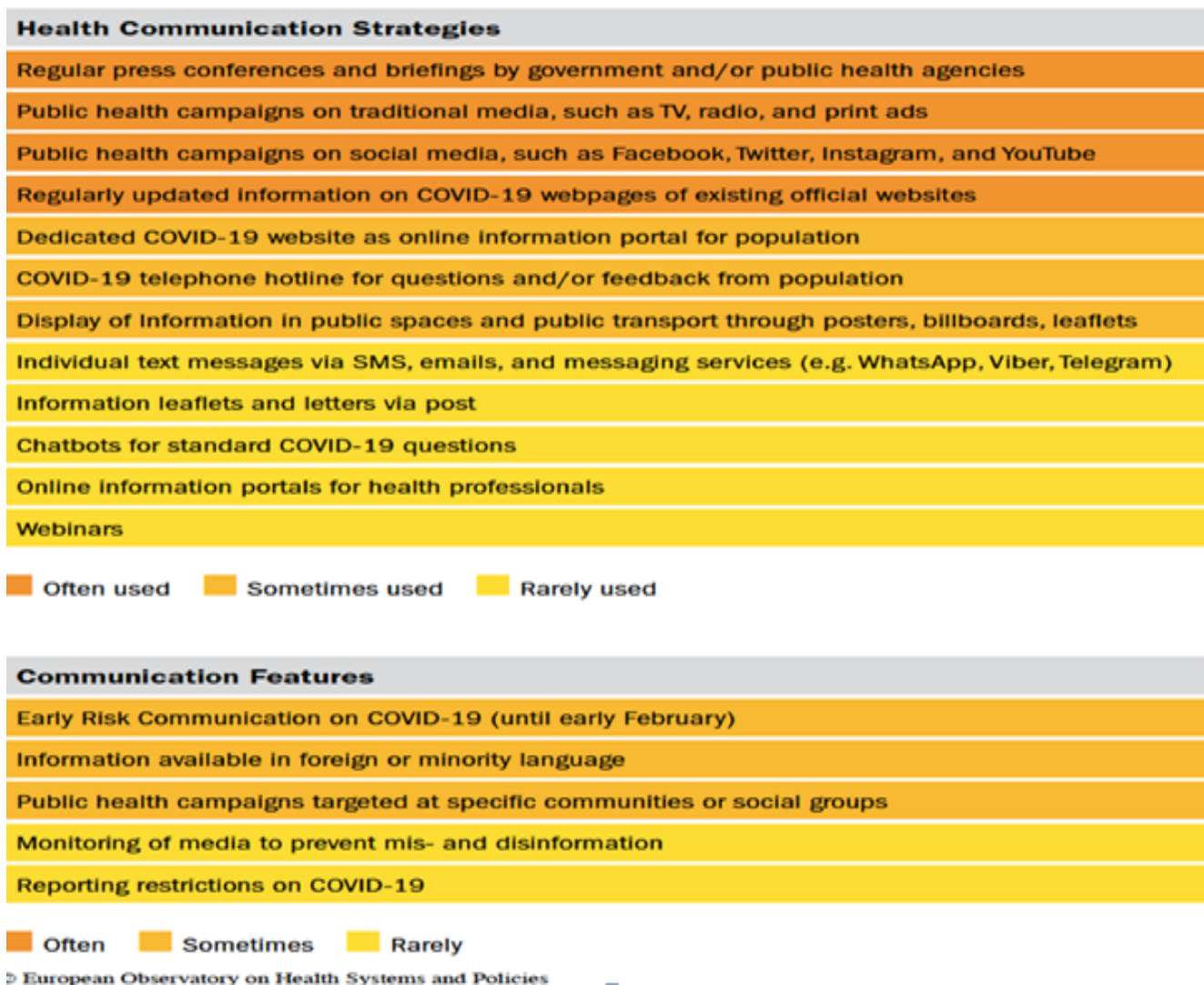


Figure 5

Discussion

COVID -19 pandemic was not predicted from any health system it does not matter the nature of system is strong or weak. All systems faced the same Enemy but the response for that systems was not the same [2-4]. The objective of that research is Analysis response of different health systems to COVID -19 Pandemic through policy analysis tools in order to generate recommendations, sharing experiences for Enhancement different Health systems on facing, managing such kind of cases

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