



SEMINAR ON SMALLPOX ERADICATION  
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SUMMARY OF INFORMATION ON ANTI-SMALLPOX ACTIVITIES  
IN THE COUNTRIES OF THE  
WHO EASTERN MEDITERRANEAN REGION

In order to gather and make available up-to-date information on anti-smallpox activities, a special questionnaire was forwarded to the Governments of all twenty-two countries of the WHO Eastern Mediterranean Region. So far, seventeen countries have answered by sending back the completed questionnaire.

Based on the data received; demographic data, ~~number~~ of cases of smallpox, number of vaccinations, doses of vaccine used, number of suspected cases submitted for laboratory examination, number of cases investigated, all these have been produced separately for each country.

Other related questions have been summarized for all countries in the following tables.

Explanation of symbols:

- + Answer is "Yes"
- Answer is "No"
- x Information applicable
- . Information not applicable
- ... Not available

A REVIEW OF THE PRACTICE OF SMALLPOX VACCINATION IN THE COUNTRIES OF THE WHO EASTERN MEDITERRANEAN REGION

(A) VACCINE USED

Information	Abu Dhabi	Afghanistan	Cyprus	Ethiopia	Iran	Iraq	Jordan	Libya	Pakistan (East)	Pakistan (West)	Qatar	Saudi Arabia	Somalia	Southern Yemen	Sudan	U.A.R.	Yemen	Remarks
- Source of vaccine: - locally produced - imported	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
- Most of vaccine is presently used in containers each of:	25, 100	20	1, 10	50, 100	10, 25	25, 50	10	100	50, 100	50, 100	10	10, 25	25	25, 150	20	10, 25, 100	20, 40	
- Is FDV locally produced?	-	-	-	+	+	+	-	-	+	+	-	-	-	-	-	+	-	
- If "Yes", is it tested by WHO?				+	-	+			+	+						+		(not regularly)
- Is its potency meeting WHO standards?	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	(not always)
- Is vaccine ever used which does not meet WHO standards?	-	-	-	-	+	-	-	-	-	+	-	-	-	+	-	-	-	
- Is all vaccine at central and provincial depot continuously stored at less than 10 C?	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	-	
- Are refrigeration facilities in the interior of the country permitting constant storage at less than 10 C?	+	+	+	-	+	+	+	+	-	-	+	+	+	+	-	+	-	
- FDV normally used less than 30 days after removal from refrigeration	+	+	.	-	+	+	.	+	+	+	+	+	+	.	+	+	-	(.) FDV not used
- Reconstituted vaccine used only on the day it is reconstituted	-	+	.	+	-	+	.	+	+	+	+	+	+	.	+	+	+	(.) FDV not used









(C) MAINTENANCE ROUTINE VACCINATION (cont'd)

Information	Abu Dhabi	Afghanistan	Cyprus	Ethiopia	Iran	Iraq	Jordan	Libya	Pakistan (East)	Pakistan (West)	Qatar	Saudi Arabia	Somalia	Southern Yemen	Sudan	U.A.R.	Yemen	Remarks
- Specific contra-indications to vaccination:																		
- Exzema	X		X	X	X	X	X	X	X		X	X	X	X		X	X	
- Pregnancy	X		X			X		X			X					X	X	
- general debility	X		X	X	X	X		X			X					X	X	
- diabetes	X		X		X				X		X			X		X	X	
- fever	X	X	X	X	X		X	X	X	X	X	X	X			X	X	
- cancer					X													
- asthma					X			X										
- leukaemia					X	X												
- cortico-steroid therapy						X		X										
- pyodermitis					X													
- primary tuberculosis					X													
- other skin diseases																		
- Measures taken for unsatisfactory vaccinator's performance:																		
- first offence:																		
- notice	X		X		X	X			X	X	X		X	X	X	X	X	
- reprimand		X											X			X		
- suspension													X					
- dismissal																		
- repeated offences:																		
- notice	X																	
- reprimand		X			X	X	X		X	X	X			X				
- suspension			X				X						X			X	X	
- dismissal													X		X			
- transfer												X						

(D) SURVEILLANCE

Information	Abu Dhabi	Afghanistan	Cyprus	Ethiopia	Iran	Iraq	Jordan	Libya	Pakistan (East)	Pakistan (West)	Qatar	Saudi Arabia	Somalia	Southern Yemen	Sudan	U.A.R.	Yemen	Remarks
- Normally suspected cases are isolated:																		
- at home		X							X	X			X					
- in special isolation hospital			X			X			X	X	X	X		X				
- in special isolation ward of specific hospital	X			X	X				X	X								
- in any unoccupied room of any hospital		X		X			X	X				X	X			X	X	
- in specially built temporary structure															X			
- no isolation is practised				X						X								
- On reporting suspected cases, investigation is principally the responsibility of:																		
- local health authorities	X	X	X	X	X		X		X	X		X	X	X	X			
- special unit in central headquarters		X		X	X													
- epidemiologist from the central ministry						X	X	X			X					X		
- Ad hoc team organized						X						X	X	X			X	
- Ministry informed of suspected cases by:																		
- immediate telegram/telephone	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	
- weekly reports		X		X						X								
- Quarantine stations in the country capable of carrying out their duties:																		
- all stations	X	X	X		X	X	X		X	X	X				X	X		
- some or few stations				X				X					X	X			X	



(E) LABORATORY DIAGNOSIS

Information	Abu Dhabi	Afghanistan	Cyprus	Ethiopia	Iran	Iraq	Jordan	Libya	Pakistan (East)	Pakistan (West)	Qatar	Saudi Arabia	Somalia	Southern Yemen	Sudan	U.A.R.	Yemen	Remarks			
- Are there laboratory facilities for diagnosis of smallpox available?	-	+	-	+	+	-	-	+	+	-	-	+	-	-	-	+	-	(. not applicable)			
- Special kits available for collection and shipment by post of smallpox specimens	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	+	-		(. not applicable)		
- Laboratory method most frequently used: - microscopy of stained smear - precipitation in gel - virus isolation - CFT	.	+	.	+	+	.	.	+	+	.	.	+	.	.	.	+	.			(. not applicable)	
- Specimens sent outside the country for laboratory diagnosis	+	+	.	-	-	-	-	-	-	-	-	-	-	+	-	-	-				(. not applicable)

