#### WORLD HEALTH ORGANIZATION

REGIONAL OFFICE

#### FOR THE EASTERN MEDITERRANEAN



## ORGANISATION MONDIALE DE LA SANTE

BUREAU REGIONAL

POUR LA MEDITERRANEE ORIENTALE

TRAVELLING SEMINAR ON QUALITY CONTROL OF PHARMACEUTICAL PREPARATIONS

30 March 1970

<u>Islamabad/Lahore/Karachi/Teheran/Cairo</u> 9 - 21 March 1970

ENGLISH ONLY

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1.	WHO Resolution	WHA 21.37
2.	Report of a Study on Use of Specifications for Pharmaceutical Preparations (WHO Technical Report Series)	No.138
3.	Report on a European Technical Meeting on the Quality Control of Pharmaceutical Preparations (WHO Technical Report Series)	No.249
4.	Twenty-First Report of WHO Expert Committee on Specifications for Pharmaceutical Preparations (WHO Technical Report Series)	No.307
5.	Lists of Proposed International Non-Proprietary Names for Pharmaceutical Preparations	Cumulative List No.2, 1967 (List 1-17) & (18-21)
6.	WHO Draft Requirements for Good Manufacturing Practice in the Manufacture and Quality Control of Drugs and Pharmaceutical Specialities	WHO/Pharm/67.444
7.	WHO Expert Committee on Specifications for Pharmaceutical Preparations (WHO Technical Report Series)	No.418
8.	Specifications for the Quality Control of Pharmaceutical Preparations (International Pharmacopoeia - Second Edition)	
9.	Specifications for Reagents mentioned in the International Pharmacopoeia	
10.	Report of a WHO Scientific Group on Principles for Pre-Clinical Testing of Drug Safety (WHO Technical Report Series)	No.341
11.	Distribution of and Trade in Pharmaceutical Preparations - A survey of Existing Legislation - WHO, Geneva, 1962	
12.	Twentieth Report of WHO Expert Committee on Biological Standardization (WHO Technical Report Series)	

13.	WHO Resolution	WHA22.50
14.	WHO Resolution	WHA22.54
15.	Report by the Director General on "Quality Control of Drugs", Twenty-Second World Health Assembly	A22/P&B/12
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