WORLD HEALTH ORGANIZATION



Regional Office for the Eastern Mediterranean

ORGANISATION MONDIALE DE LA SANTÉ

Bureau régional pour la Méditerranée orientale

FOURTH MEETING OF THE REGIONAL ADVISORY PANEL ON CANCER

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INDEXED

ENGLISH ONLY

Karachi, 14 - 15 March 1979

ACTIVITIES OF THE NATIONAL CANCER INSTITUTE, CAIRO UNIVERSITY DURING 1978 IN ITS CAPACITY AS WHO REGIONAL REFERENCE CENTRE FOR BLADDER, HEAD AND NECK CANCERS

by

Dr I. El Sebai, Professor of Surgery, National Cancer Institute, Cairo and President, The Federation of Middle East Cancer Organizations

The following comprises all the information required concerning the activities of the National Cancer Institute, Cairo University, during the year 1978 in its capacity as a WHO Regional Reference Centre for Bladder, Head and Neck Cancers, and the plans outlined for the year 1979.

Three international cancer conferences have been held in the National Cancer Institute; various organizations participated.

- 1. <u>Slide Seminar on Cancer Pathology, 1-5 December 1978.</u> This was held under the auspices of the Federation of the Middle East Cancer Organizations, WHO Regional Office for the Eastern Mediterranean, National Cancer Institute, Bethesda, USA, International Council of Societies of Pathology, International Academy of Pathology and the National Cancer Institute, Cairo, Egypt.
- 2. <u>Journées franco-égyptiennes du Cancer, 6-8 December 1978.</u> A Conference which was organized by the National Cancer Institute, Cairo, Egypt and the Institut Gustave Roussy, Paris, France. Some other French institutes also participated. This had been previously planned as part of the collaborative activities between the two institutes which have been going on for several years. There is an annual meeting which is regularly held alternatively in Paris or in Cairo. The Conference dealt mainly with cancers of the hypopharynx, breast, uterus and non-hodgkin's lymphomas. The programme is attached. During the joint meeting between the representatives of the two institutes, it was planned to hold the next conference Journées franco-égyptiennes, in Paris some time during November 1979. A plan for collaborative comparative epidemiological and clinico-pathological studies of carcinoma of the hypopharynx between the two institutes, which was previously investigated, including the setting up of specific protocols, was accepted and will be executed starting the early part of 1979.
- 3. <u>Seminar on Cancer of the Urinary Bladder, 11-14 December 1978.</u> This was sponsored by the WHO Regional Office for the Eastern Mediterranean, the National Cancer Institute, Cairo, Egypt (WHO Regional Reference Centre for Cancer of the urinary bladder, and head and neck) and the Radiumhemmet, Stockholm, Sweden. (WHO Collaborating Centre for Cancer of the Urinary Bladder). This Seminar is a continuation of activities which were started in April 1977 between the two WHO reference and collaborating centres. An international meeting was held in Stockholm in April 1977 where it was decided to proceed with regular meetings annually or according to requirements and convenience. Other main centres concerned with the study and management of the various aspects of cancer of the urinary bladder could be invited. The programme is attached. Participants from various centres in Sweden, the Netherlands, UK and some of the Middle East countries attended.

The following decisions have been made:

- **a.** The proceedings of the seminar will be published in <u>Acta Scandinavica</u>. The proceedings of the first conference which was held in Stockholm have already been published in <u>Urology Research</u>.
- b. The next seminar will be held in Rotterdam, Netherlands, some time during November 1979.
- c. Plans have been set up to start a scientific exchange programme between the staff members of the Radiumhemmet Karolinska Institute, Stockholm, and the National Cancer Institute, Cairo. Dr F. Edsmyr (Radiotherapy) and Dr Anderson (Urology) will spend about one month visiting and working in the National Cancer Institute, Cairo during 1979.

Among many other international activities in the different aspects of oncology four members of staff of the National Cancer Institute, Cairo, Egypt participated in some of the activities of the 12th International Cancer Congress which was held by the UICC in Buenos Aires, Argentina, 5-11 October 1978. The writer of this report, already an elected member of the Council of the UICC, was elected as a member of the Executive Committee.

Other activities and projects which have been started before 1978 and have been previously reported are in progress, including:

- 1. The end results of treatment of carcinoma of the urinary bladder (Agreement No. 03-048-N Rev.2). A project carried out in collaboration with the National Cancer Institute, USA, where various methods of treatment: surgery, irradiation and chemotherapy are combined, aiming at improving the long-term survival rate which has so far been achieved by surgery alone (27 per cent). The project was started in November 1977. The cases admitted up to the present are about 750. The project is planned and budgetted for five years. It is considered to be the largest and most comprehensive study that has ever been attempted in this field.
- 2. Cytologic detection of schistosomal bladder cancer (NIH Agreement 039-N) which started in 1976 is still in progress. The principal investigator is Dr N. El Bolkainy. Selective cytologic screening of high risk rural population (farm labourers about the age of 20) is carried out in the vicinity of Mansourah. So far the yield is three tumours/one thousand. No tumours were found among the low risk control group. Total population studied: 7 000; total surveyed: 20 000. (Ten villages).
- 3. The Radiotherapy Department is collaborating with the Amsterdam Cancer Institute in various study projects concerning the effects of preoperative irradiation, including various techniques used in cancer of the urinary bladder. The evaluation is based on pathological studies of operative specimens. The role of some new radiosensitizers is also being studied.

The programme for 1979 includes the following:

- 1. Slide Seminar on Cancer Pathology, 1-5 December 1979 including a course on tumours of the urinary bladder organized by Dr F.K. Mostofi.
- 2. The Middle East Cancer Conference is scheduled to be held in Teheran, 11 13 November 1979. (The site may be changed).

- 3. Liver Cirrhosis The role of schistosomiasis and Type B Virus Hepatitis. The possible relation between liver cirrhosis and cancer. A study based on biopsy specimens obtained during laparotomy for cases of bladder, hypopharyngeal cancers, lymphomas and some other tumours. The study will include the pathological and immunological aspects as correlated with the clinical findings. The project represents a collaboration between the National Cancer Institute, Cairo and the Institute of Serology and Vaccine, Public Health Ministry, Cairo, Egypt, and will probably be supported by the National Cancer Institute, Bethesda, USA.
- 4. An evaluation of the results of multimodal therapy in certain sites of cancer of the head and neck, including an evaluation of the responses of squamous cell carcinomas of the head and neck to various therapeutic means and agents (especially chemotherapy) as compared to squamous cell carcinoma of the urinary bladder.
- 5. The studies on hypopharyngeal cancer (previously referred to) in collaboration with the Institut Gustave Roussy.
- 6. A Middle East Anti-smoking Conference which will be held in June 1979. This will be sponsored by the UICC, The Egyptian Cancer Society, the Federation of the Middle East Cancer Organizations and the National Cancer Institute, Cairo.
- 7. The third meeting of the Urinary Bladder Reference and Collaborating Centres, which will be held in Rotterdam, November 1979.
- 8. The Journées franco-égyptiennes du Cancer, which will be held in Paris, November 1979.

ANNEX I

REPORT ON

The First Middle East Seminar On Oncopathology

A- GENERAL ORGANIZATION:

A pathology seminar on selected subjects of tumor pathology was organized by FMECO at the National Cancer Institute, Cairo, Egypt during the period December 1-5,1978. Invitations were extended to pathologists of the Middle East and Neighbouring Countries. The meeting was under the auspices of Federation of Middle East Cancer Organizations (FMECO), National Cancer Institute, Cairo, National Cancer Institute, Bethesda, WHO Regional Office for the Eastern Mediterranean, International Council of Societies of Pathology and International Academy of Pathology.

The WHO has sponsored 10 participants from different countries of the region (Iraq, Iran, Kuwait, Saudi Arabia, Tunis, Sudan, Jordan, Afghanistan, Pakistan and Cyprus). The WHO Regional Office for Eastern Mediterranean also offered some of its publication on tumor classification for display. The NIH, U.S.A., has covered the travel expenses of the 4 seminar conductors. The histopathologic slide sets covering the different subjects of the seminar were a contribution of the different participating American Centers. A generous financial support was offered by the Egyptian Ministry of Education as well as the Ministry of Health.

An organizing committee was established with representative pathologists from different Egyptian Universities, namely: Dr.H. Elkateb (Assiout), Dr. K.Ahmed (Mansoura), Dr.M.A.Sherif (Ain Shams), Dr. I. Kamel (Cairo), Dr.H.N.Tawfik and Dr.M.N. ElBolkainy (Cancer Institute) and Dr. R. Galal (Alexandria). Dr. El-Bolkainy acted as a secretary.

Of the total 112 registered bathologists, 71 attended the meeting. These belonged to the following countries: Irag (4 participants), Iran (3), Kuwait (5), Saudi Arabia (4), Tunis (2), Sudan (1), Jordan (1), Afghanistan (1), Pakistan (1), Cyprus (1), Egypt (40), U.S.A. (5) and France (2). Dr. G. Gomez-Crespo represented the WHO Regional Office for the Eastern Mediterranean.

B- SCIENTIFIC ASPECTS:

The slide sets were distributed to the participants for examination before the meeting. Guest participants examined the slides at the Dept. of Pathology, National Cancer Institute, on Dec. 1 and 2. Discussion of the cases was later made according to the following schedule:

- Dec. 3 -Genito-Urinary tumors (Presented by: F.K.Mostofi, M.D.)
- Dec. 4 -Tumors of Breast (Presented by: W.H.Hartmann, M.D.)
 - -Estrogen receptors and Breast Cancer (Presented by: R.L.Johnson, M.D.)

- 2 -

- Pseudolymphomas
(Presented by: H.N.Tawfik,M.D.)

C- BUSINESS MEETING:

This was held on Dec. 5 afternoon with attendance of all participants. Dr. F.K.Mostofi acted as a chairman and Dr. M.N. El-Bolkainy a secretary for this meeting.

Dr. Mostofi has stressed the importance of developing National or Regional Pathologic Societies for the countries of the Middle East. International connections could be established with the International Academy of Pathology, which is mainly concerned with education, or the International Council of Societies of Pathology which functions to coordinate activities between pathologists and establish links with WHO. With such links, it is possible to get information of meetings and assure better representation of pathologists in meetings dealing with health problems in the region.

It was agreed to establish a regional division of International Academy of Pathology (I.A.P.) for the countries of the Middle and Far East. A total of 36 of the participants have applied for membership of I.A.P.. These application forms were given to Dr. Mostofi for nomination and submission.

There was a unanimous agreement to repeat this meeting and plan for a similar seminar in Cairo, Dec. 1979. Other countries who would like to host future meetings are requested to inform the next meeting through their representative participants.

It was suggested that the next meeting should be biphasic and includes: a) Two days, ½ day slide seminar on 4 types of cancer (eg. Skin, Soft tissue, bladder, female genital, bone or gastrointestinal). b) One day on geographic pathology of malignant lymphoma. Dr. F.K. Mostofi will contact the specialists who would like to participate as seminar conductors. Dr. Berard will organize the meeting on geographic pathology of lymphoma.

A diploma celebrating the occasion of this meeting will be prepared and distributed to those who participated.

INDEXES

ANNEX II

JOURNEES FRANCO-EGYPTIENNES DU CANCER 6-8 DECEMBRE, 1978

INSTITUT NATIONAL DU CANCER, LE CAIRE, EGYPTE

THE SESSIONS WILL BE HELD AT THE MAIN CONFERENCE ROOM, NATIONAL CANCER INSTITUTE, CAIRO.

THE OFFICIAL LANGUAGES WILL BE ENGLISH AND FRENCH.

MEETINGS WILL BE HELD AT THE COUNCIL ROOM.

LUNCH WILL BE SERVED AT THE CAFETERIA OF THE INSTITUTE.

WEDNESDAY, DECEMBER 6th 1978

INTRODUCTION

Dr. S. Shal Dr. Y. Cacl		9.00-9.5 A.M 9.5 -9.10
	hairman Dr. Y. Cachin o-Chairman Dr.L.Elsayed	
	bai pidemiology and control of ancer in Egypt.	9.10-9.30
	ed pidemiology of head and neck ancer.	9.30-9.45

3. Dr. Sancho-Garnier 9.45-10.00
Epidemi logie des cancers de 1 hypopharynx.

4. Dr. W. Bolkainy 10.15-10.35 Surgical pathology of cancer of the hypopharynx.

5.	Dr.	R.	Gerard-Marchant Les modalites de l'extension tumorale et de l'envahissement ganglionnaire des cancers de	10.15-10.35
			1'hypopharynx.	

6. Dr. Y. Cachin

Les indications therapeutiques

des cancers de 1 hypopharynx.

Coffee Interval

10.55-11.10

7. Dr. Y. Cachin

La chirurgie des cancers de
1'hyopharynx.

8. Dr. H. Sancho-Garnier

Resultats d'um eassi therapeutique comparant 2 modalities d'association de la chirurgie et de la radiotherapie dans le traitment des cancer de l'hypopharynx.

9. Dr. I. Elsebai 11.45-12.5
Surgery, complications, sequelae
and results. Cancer of the
hypopharynx.

	3.
10. Dr. I. Ezzat Preoperative irradiation for cancer of the hypopharynx.	12.5-12.20
11. Dr. S. Omar Pharyngo- Plasty.	12.20-12.35
Discussion	12.35-1.00
Lunch	1.00-2.30

WEDNESDAY, DECEMBER 6th, 1978

SESSION II

Chairman Dr. Jean Louis Amiel Co-Chairman Dr. M. Sherif

- 1. Dr. A. Sami
 2.30-2.45 P.M.
 Epidemiology of lymphoma in
 the middle east region
- 2 Dr. Robert Flammant 2.50-3.65

 Epidemiologie des lymphomes
 malins non-Hodgkiniens
- 3. Dr. H. Nabil

 Pathological variants of lymphoma in Egypt.

 3.05-3.20
- 4. Dr. R. Gerard Marchant 3.20-3.35
 Les lymphosarcomaes abdominau
 de l'infant.
- 5. Dr. M. Sherif

 The role of surgery in the management of non-Hodgkins lymphomas

Coffee	Interval	3.50-4.05
6. Dr.	M. Tubiana Radiotherapie des LMNH	4.05-4.25
7. Dr.	N. Gad Elmawla Chemotherapie of LMNH	4.25-4.45
8. Dr.	Jean Louis Amiel Chemotherapie des LMNH	4.45-5.05
9. Dr.	Sami El Badawy Lymphomas in children com- bined radiotherapy and chemotherapy	5.05-5.20
Discuss	3ion	5.20

THURSDAY, 7th. DECEMBER 1978

SESSION III

Chairman Dr. J. Lacour Co-Chairman Dr. S. Shahbender

- 1. Dr. S. Shahbender 9.00-9.20 A.M

 The problem of breast cancer
 in Egypt.
- Notions recentes en histopathologie des cancer due sein.
- 3. Dr. J. Lacour 9.40-10.00
 Indications actuelles de la
 chirurgie des cancers due sein
 a l'Institut Gustave-Roussey
- 4. Dr. I. Elsebai 10.00-10.20

 Management of breast cancer.

 Modern trends and standard
 methods.

5. Dr. M. Tubiana La radiotherapie des cancer due sein	10.20-10.40
6. Dr. G. Contesso Facteurs pronostiques de cancers du sein	10.40-11.00
Coffee Interval	11.00-11.15
7. Dr. Jean Louis Amiel Chimiotherapie de cancers du sein.	11.15-11.35
8. Dr. B. Hoogstratin Chemotherapy of Breast Cancer	11.35-11.55
9. A. Alasser B-Glucouronidase, a possible aetiological factor in breast cancer.	11.55-12.10
Discussion	12.10-1.00
Lunch	1.00-2.30

THURSDAY, DECEMBER 7th, 1978

SESSION IV

Chairman Dr. M. Tubiana Co-Chairman Dr. H. Awad

- 1. Dr. R. Flammant 2.30-2.45 P.M. Depistage des cancers du col uterin
- 2. Dr. J. Lacour 2.45-3.00
 Indications therapeutique
 des cancers du col uterin
 a l'Institut Gustave Roussey
- 3. Dr. J. CHoriot

 a. Radiotherapie des cancer
 du col uterin
 b. Curietherapie de cancer
 du col uterin
- 4. Dr. H. Awad
 Optimum CRE level for control
 of nodal disease cancer cervix
 uteri

5. Dr. M. Barsoum Aortic nodal metastases in carcinoma of cervix uteri	3.30-3.45
6. Dr. A. Mansour Salvage surgery after radio- therapy failure in cancer cervix uteri	4.00-4.15
offee Interval	4.15-4.30
Closing session	4.30-5.00
FRIDAY, DECEMBER 8th, 1978	
RE UNION DU COMITE FRANCO-EGYPTIEN	9.30 A.M

SOCIAL PROGRAMME

WEDNESDAY, 6th. 1978

Formal dinner
Meredian Hotel

(8.30 P.M.)

Sight-seeing tours and other excursions are organised by the American Express office, 15 Kasr El-Nil Street, Tel. 970042 - 970892.

ANNEX III CANCER OF THE URINARY BLADDER

NATIONAL CANCER INSTITUTE, CAIRO UNIVERSITY WHO REFERENCE CENTER SPONSORED BY WHO

CAIRO – EGYPT11 – 13 DECEMBER 1978

THE SESSIONS WILL BE HELD AT THE MAIN CONFERENCE ROOM, NATIONAL CANCER INSTITUTE CAIRO.

THE OFFICIAL LANGUAGES WILL BE ENGLISH

MEETINGS WILL BE HELD AT THE COUNCIL ROOM

LUNCH WILL BE SERVED AT THE CAFETERIA OF THE INSTITUTE.

MONDAY, DECEMBER 11, 1978

INTRODUCTION

Dr. I.ELSEBAI
National Cancer Institute

Dr. A. TABA
Director WHO Regional office

Dr. M. SHERIF
Vice Dean National Cancer Institute

9.00-9.05 AM.
9.05-9.10
9.10-9.15

SESSION I :

Chairman Dr. ZETTER BERG. Co.Chairman Dr. ALASSAR

- 1. Dr. A. SAMI 9.15-9.30
 Epidemiology of Bladder Cancer
 in Egypt.
- 2. Dr. K. ELKASSAB 9.30-9.45 Epidemiology of Bladder Cancer in IRAQ.
- 3. Dr. M. BURGERS

 Some Epidemiological Features
 of Bladder Cancer in the
 Nether Lands

4. Dr.	ElASSAR Possible Role of Urinary Bacterial Infection in the Aetiology of Cancer of the Bilharzial Bladder.	10.00-10.15
5. Dr.	A. ELASSAR The Possible Role of Vitamin A in the Aetiology of Cancer of the Bilharzial Bladder.	10.15-10.30
Coffee	Interval	10.30-11.15
6. Dr.	M. RAAFAT In Vitro Behaviour of Cancer of the Bilharzial Bladder.	11.15-11.30
7. Dr.	F. HAMOODA Thymus Derived (T) Lymphocytes in Patients with Cancer of the Bilharzial Bladder.	11.30-11.45
8. Dr.	R. ELREIDI Detection of Tumour - Tissue type specific Antigen in Squa- mous Cell Carcinoma of the Urinary Bladder by Using the Leukocyte Adherence Inhibition (LAI) Assay.	11.45-12.00

9. Dr. M. ELMARZABANI Basic Study on the Intravesical Chemotherapy of Cancer of the Bilharzial Bladder.	12.00-12.15 PM
Discussion	12.15-1.00
Lunch Interval	1.00 -2.30
Chairman Dr. SOBIN Co.Chairman Dr. TAWFIK	
1. Dr. SOBIN Pathological Aspects of Cancer of the Urinary Bladder.	2.30-2.45
2. Dr. BAHIGA ELMORSY Evaluation of Urine Cytology in the management of Carcinoma of the Urinary Bladder.	2.45-3.00
3. Dr. ZETTER BERG	3.00-3.15

4.	Dr.	N.	ELBOULKAINY Detection of Bladder Cancer in Bilharzial Population.	3.15-3.30	PM
5.	Dr.	н.	TAWFIK Distribution of Tissue Bound Immunoglobulins in Cancer of the Bilharzial Bladder.	3.30-3.45	
D٠	scus	sio	n	3.45-4.45	

TUESDAY, DECEMBER 12,1978

SESSION III:

Chairman Dr. ANDRSON Co.Chairman Dr. ELSAYED

1.	Dr.	M.	MANSOUR End Results of Radical Surgery in the Treatment of Cancer of the Bilharzial Bladder.	9.00-9.15 AM.
2.	Dr.	s.	OMAR A Study of 420 Cases Treated by Radical Surgery.	9.15-9.30
3.	Dr.	н.	TALEB Cancer of The Bilharzial Bladder in IRAQ. Management.	9.30-9.45
4.	Dr.	М.	KHAFAGI The Ileo-Caecal Bladder. A Study of 62 Cases.	9.45-10.00
5.	Dr.	L.	ELSAYED The Use of The Ileo-caecal Segment After Radical cystectomy.	10.00-10.15

6. Dr. S.	BADAWY A Comparative Study Between the Ileal Loop Conduit and the Rectal Bladder.	10.15-10.30
Discussion	n	10.30-11.00
Coffee In	terval	11.00-11.15
7. Dr. N.	GAD ELMAWLA Chemotherapy of Cancer of the Bilharzial Bladder. Phase II Study.	11.15-11.30
8. Dr. R.	STEVENS The Role of Chemotherapy in the Management of Non Bilharzia Bladder Cancer.	11.30-11.45
Discussio	n	11.45-1.00
Lunch Int	erval	1.00 -2.30

9. Dr. M.	BURGERS The Evolution of Treatment Strategy for Bladder Cancer in the Netherlands.	2.30-2.45
10. Dr. S.	ELBADAWI Preoperative Irradiation of T ₃ Carcinoma of the Bilharzial Bladder.	2.45-3.00
11. Dr. S.	EZZAT Cell Proliferation in Carcinoma of the Bilharzial Bladder, an Autoradiography Study.	3.00-3.15
12. Dr. H.	AWWAD The use of Radiosensitizers in the radiotherapy of Bladder Cancer.	3.15-3.30

WEDNESDAY, DECEMBER 13, 1978

Panne1

9.00-12.00 AM.

Multimodal Treatment of Cancer of the Urinary Bladder.

Chairman Dr. I. ELSEBAI Co. Chairman Dr. F. EDSMYR

Participants

1. National Cancer Institute 2. The Nether Lands Cairo

Dr. M. SHERIF Dr. H. AWWAD

Dr. N. GAD ELMAWLA

Dr. B. WASSIF

Dr. M. BURGERS

3. Radiumhemmet Sweden

Dr. ANDERSON Dr. ZETTERBERG 4. U.K.

Dr. MORRISON

5. WHO_

Dr. SOBIN

SOCIAL PROGRAMME

1. MONDAY DECEMBER 11.

Dinner at Dr. ELSEBAI House 8.30 P.M.

2. WEDNESDAY DECEMBER 13.

Dinner at Meridian Hotel 8.30 P.M.

ANNEX IV

THE FEDERATION OF MIDDLE EAST CANCER ORGANIZATIONS



SLIDE SEMINAR ON CANCER PATHOLOGY

Caire, 1-5 December, 1978

THE NATIONAL CANCER INSTITUTE

CAIRO, EGYPT

SLIDE SEMINAR ON CANCER PATHOLOGY

Cairo, 1-5 December, 1978

Under the patronage of his excellency

PROF. MAMDOUH GABR

Minister of Health

UNDER THE AUSPICES OF:

Federation of Middle East Cancer Organizations
National Cancer Institute, Cairo, Egypt
WHO Regional Office for the Eastern Mediterronean
National Cancer Institute, Bethesda, U.S.A.
International Council of Societies of Pathology
International Academy of Pathology

PREFACE

The Countries of the Middle East are closely similar and related in many aspects. Cancer is already a major health problem, which is progressively and rapidly growing throughout the region-

On october 19. 1974, the Council of the International Union Against Cancer (UICC) agreed to sponser a project to investigate the problems of cancer control in the Middle Fast region. Many organizations from various countries of the Middle East and its neighborhood have ultimately established a Federation of Middle East Cancer Organizations (FMECO). Those member organizations belong to the following Countries: Egypt, Iran, Iraq, Jordan, Libya. Syria. Pakistan, Kuwait and Tunisia. The first major activity of this federation was the First Middle East Cancer Conference, which was held in Cairo, 5—8 November, 1977. The host was the Name of Cancer Institute of Cairo University,

It was decided in the Pathology Panel of the First Middle East Cancer Conference to establish Pathologic Societies in individual countries in the region where they do not exist. These will be associated with the International Academy of Pathology and International Council of Societies of Pathology. The goal of such Middle East Patholohie Societies is to develop regional programs in education and research in cancer. As a first step to develop this program, it was regreed to hold a series of short courses of pathology for specialists in the area. The present slide seminar is the first in this series.

The Slide Seminar is organized by the Federation of Middle East Cancer Organizations. The host is the National Cancer Institute of Cairo University.

The valuable contribution of various International Organizations is deeply acknowledged, name/y: the WHO regional office for Fastern Mediterranean, the National Cancer Institute. Bethesda U.S.A., the International Council of Societies of Pathology and the International Academy of pathology.

The support of the Fgyptian Ministry of Education and Ministry of Health is greatly appreciated

— 3 —

SEMINAR CONDUCTORS

F. K. MOSTOFI, M.D.
Chairman
Department of Genitourinary Pathology
AFIP, Washington D.C 20306, U.S.A.

W. H. HARTMANN, M. D.

Professor and Chairman

Department of pathology

Vanderbilt University

Nashville, Tennessee 37232, U.S.A

- V. J. HYAMS. M. D. Chairman
 Department of ENT PathologY
 AFIP, Washington D. C. 20306, U.S.A.
- C. W. BERARD, M.D.

 Head, Hematopathology Section

 Laboratory of Pathology

 National Cancer Institute, NIH

 Bethesda, Maryland 20014, U.S.A.
- H. N. TAWFIK, M.D., D.Sc.
 Chairman
 Department of Pathology
 National Cancer Institute
 Cairo, Egypt.

SCIENTIFIC PROGRAM

FRIDAY, 1 DECEMBÉR, 1978

08.00-09.00 Registration

09.00-12.00 Slide examination

12.00-13.00 Lunch

13.00-16.00 Slide examination

SATURDAY, 2 DECEMBER, 1978

08.00-09.00 Registration

09.00-12.00 Slide examination

12.00-13.00 Lunch

13.00-16.00 Slide examination

MONDAY, 4 DECEMBER. 1978

09.00-10.30	Tumors of breast
	Dr. HARTMANN
10.3C-11.00	Coffee break
11.00-12.30	Tumors of breast (Cont.)
12.30-13.30	Lunch
13.30-15.00	Tumors of head and neck Dr. HYAMS
15.00-15.30	Coffee break
15.30-17.00	Tumors of head and neck (Cont.)

SOCIAL PROGRAM

SUNDAY, 3 DECEMBER Formal dinner

Hilton hotel (8:30 PM)

MONDAY, 4 DECEMBER

Pyramids

Sound and light (7:30-8:30)

Sahara City

Dinner and show (9-11 PM)

Sight - seeing tours in Cairo and other excurtions are organized by AMERICAN EXPRESS office in Hilton hotel or main office, 15 Kasr El-Nil street, Tel. 970042 — 970892

TICKETS FOR DRINKS

Please Present to the Cafeteria of the Cancer Institute to obtain free service of coffee, tea, Seven-Up or Sport Cola.

DRINK	DRINK
DRINK	DRINK

TICKETS FOR LUNCH

Please present to the Cafeteria of the Cancer Institute for free service

LUNCH	Tuesday 5 December.
LUNCH	Monday 4 December
LUNCH	Sunday 3 December
LUNCH	Saturday 2 December
LUNCH	Friday 1 December