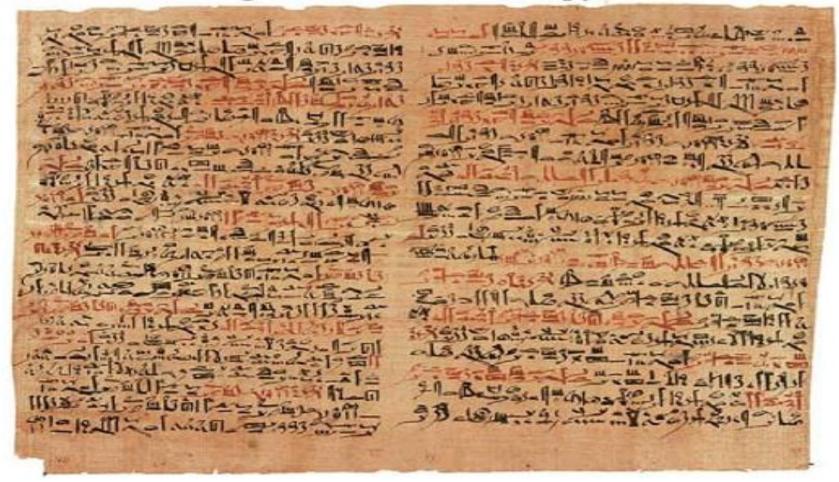
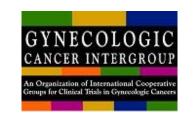


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Fig. 1: Edwin Smith Papyrus







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Ovarian Cancer

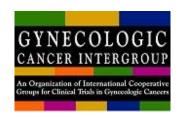
75%: present > stage I

80%: respond to surgery & chemo

80%: relapse within 2 years

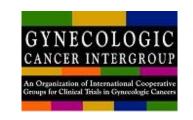
80%: of them will die within further 2 years





Country	Incidence			Top 5	most com	mon Cancer	s (incide	ence expressed	as ASR)		
	ASR	1st 2n		nd 3rd			4th		5th		
Lebanon	169.6	Breast	55.4	Prostate	25.4	Lung	18.0	Bladder	14.5	Colorectum	13.0
Bahrain	129.6	Breast	49.8	Lung	19.7	Prostate	13.3	Colorectum	10.2	Bladder	7.8
Jordan	128.9	Breast	47.0	Colorectum	16.8	Prostate	13.9	Lung	11.2	Corpus uteri	6.9
Tunisia	121.9	Breast	30.3	Lung	17.4	Prostate	11.6	Colorectum	10.3	Bladder	8.5
Kuwait	117.2	Breast	47.7	Colorectum	12.1	Prostate	11.6	Lung	9.4	NHL***	7.1
Qatar	116.9	Breast	38.1	Prostate	15.0	Lung	11.9	Colorectum	10.7	Bladder	9.4
Somalia	113.5	Breast	21.1	Cervix	20.3	Esophagus	9.1	Prostate	8.9	Colorectum	5.7
Libya	111.3	Breast	23.1	Lung	14.6	Colorectum	11.8	Prostate	10.3	Corpus uteri	7.8
Western Sahara	109.8	Breast	30.8	Cervix	28.4	Stomach	11.9	Prostate	11.2	Lung	7.9
Egypt	108.4	Breast	37.3	Bladder	13.5	NHL	8.7	Liver	9.3	Lung	5.9
Algeria	105.8	Breast	28.6	Lung	10.5	Cervix	10.4	Colorectum	9.8	Prostate	7.1
Iraq	104.9	Breast	31.1	Lung	8.3	Bladder	8.1	NHL	6.6	Leukemia	5.9
Mauritania	103.0	Cervix	35.1	Breast	23.9	Prostate	17.9	Liver	16.4	Stomach	6.2
Morocco	101.9	Breast	36.5	Cervix	14.1	Lung	13.3	Prostate	9.8	Colorectum	7.3
Djibouti	98.0	Breast	21.8	Cervix	12.7	Prostate	7.2	Kaposi	6.9	NHL	6.0
Eritrea	95.8	Breast	22.0	Cervix	12.9	Prostate	7.8	Esophagus	5.9	NHL	5.6
Yemen	89.8	Breast	20.8	Liver	8.8	NHL	6.0	Esophagus	5.8	Stomach	5.2
UAE	88.8	Breast	36.7	Prostate	9.6	Colorectum	7.5	Cervix	7.4	Lung	7.3
Oman	87.6	Breast	28.6	Prostate	9.0	Colorectum	7.2	Lung	6.0	NHL	5.9
KSA	87.6	Breast	22.4	Colorectum	12.1	Prostate	77	Lung	5.2	NHI	5.2
Sudan	81.5	Breast	24.6	Prostate	9.0	Cervix	7.0	NHL	5.9	Ovary	5.8
Syria	72.2	Breast	23.0	Colorectum	6.5	Lung	6.1	Prostate	5.6	Bladder	4.4
Palestine	54.9	Breast	12.5	Prostate	7.4	Lung	5.9	Colorectum	5.6	CNS	4.2



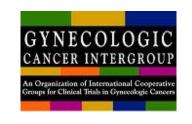


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Egypt Cancer Problem

- 100,000 new cancer patients annually.
- 300,000 cancer patients under treatment annually.
- Advanced stage at presentation, affecting the survival rates.
- Health expenditure total: 4.66% of GDP.
- Numbers expected to grow due to:
 - Population growth and aging
 - Advances in detection, treatment, and survival.
 - Increasing chronic diseases (e.g. HCV and HC carcinoma).





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Ovarian Cancer in Egypt

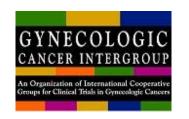
The annual incidence of ovarian cancer in Egypt:
 5.4 / 100,000 women

The proportion of women younger than 50 years with ovarian cancer in Egypt is approximately 45%!

women

The rate in women 50-69 years is 17.7 / 100,000
 women





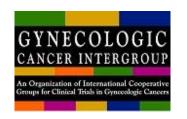
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Most frequent cancers in Egypt 2008 - 2011

Ibrahim et al 2014

	Site	%	Crude rate	ASR
	Liver	33.63	39.5	61.8
	Bladder	10.71	12.6	21.1
Males	Lung [#]	5.69	6.7	10.4
Maics	Non-Hodgkin lymphoma	5.48	6.4	8.8
	Brain ^{##}	5.48	6.4	8.8
	Prostate	4.27	5.0	9.3
	Breast	32.04	35.8	48.8
	Liver	13.54	15.1	24.4
Females	Brain##	5.18	5.8	8.0
Temales	Ovary	4.12	4.6	6.3
	Non-Hodgkin lymphoma	3.80	4.2	6.1
	Thyroid	3.28	3.7	4.3
	Liver	25.81	2/.5	45.6
	Breast	15.41	17.8	24.3
Both Sexes	Bladder	6.94	8.0	13.5
Dour Sexes	Brain ^{##}	5.29	6.1	8.5
	Non-Hodgkin lymphoma	4.64	5.4	7.5
	Lung [#]	4.22	4.9	7.5





Upper Egypt

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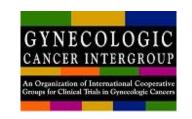
TABLE 7: Incidence rates/100,000 population of individual cancer sites in Lower, Middle, and Upper Egypt: females.

Lower Egypt

Middle Egypt

		Lower Egyp			Middle Egy	pt	1	Upper Egyp	pt
Primary site		2009-201			2009			2008	
	Crude	ASR	96	Crude	ASR	96	Crude	ASR	96
Lip	0.3	0.4	0.26%	0.2	0.4	0.24%	0.0	0.0	0.00%
Tongue	0.3	0.5	0.26%	0.3	0.5	0.34%	0.2	0.2	0.16%
Mouth	0.1	0.2	0.09%	0.5	8.0	0.53%	0.9	1.5	0.80%
Salivary glands	0.2	0.2	0.13%	0.3	0.4	0.29%	0.2	0.4	0.16%
Tonsil	0.1	0.1	0.04%	0.0	0.1	0.05%	0.0	0.0	0.00%
Other oropharynx	0.0	0.0	0.00%	0.1	0.1	0.10%	0.2	0.3	0.16%
Nasopharynx	0.1	0.1	0.04%	0.0	0	0.05%	0.2	0.2	0.16%
Hypopharynx	0.0	0.0	0.00%	0.4	0.4	0.38%	0.6	0.9	0.48%
Pharynx unspec.	0.0	0.0	0.00%	0.0	0.0	0.05%	0.0	0.0	0.00%
Esophagus	0.9	1.2	0.65%	1.2	1.9	1.25%	1.1	1.6	0.96%
Stomach	2.3	3.2	1.73%	1.2	1.8	1.25%	1.9	3.1	1.60%
Small intestine	0.3	0.5	0.22%	0.4	0.6	0.43%	0.6	0.9	0.48%
Colon	3.0	4.2	2.30%	2.2	3.2	2.31%	2.4	3.5	2.08%
Rectum	0.9	1.0	0.65%	1.0	1.2	1.01%	0.7	1.3	0.64%
Anus	0.1	0.1	0.04%	0.1	0.2	0.14%	0.2	0.3	0.16%
Liver	21.6	32.6	16.37%	8.6	13.7	8.95%	6.0	8.7	5.12%
Gallbladder and so forth	0.5	0.5	0.35%	0.6	0.9	0.58%	1.9	3.1	1.60%
Pancreas	2.1	3.2	1.60%	0.9	1.4	0.91%	1.7	2.3	1.44%
Nose, sinuses and so forth	0.3	0.5	0.26%	0.1	0.2	0.14%	0.2	0.2	0.16%
Larynx	0.2	0.3	0.17%	0.3	0.4	0.29%	0.4	0.7	0.32%
Trachea, Bronchus, Lung	3.7	5.3	2.82%	2.2	3.1	2.26%	2.4	3.8	2.08%
Other Thoracic organs	0.6	0.8	0.43%	0.5	0.7	0.48%	0.0	0.0	0.00%
Bone	2.0	2.3	1.52%	1.8	2.4	1.92%	3.4	4.4	2.88%
Melanoma of skin	0.2	0.3	0.17%	0.0	0.1	0.05%	0.0	0.0	0.00%
Other skin	1.7	2.4	1.26%	1.0	1.5	1.06%	1.9	3.1	1.60%
Mesothelioma	0.3	0.3	0.22%	0.2	0.3	0.24%	0.4	0.7	0.32%
Kaposi sarcoma	0.0	0.0	0.00%	0.0	0.1	0.05%	0.0	0.0	0.00%
Connective, Soft tissue	2.3	2.6	1.78%	0.4	0.6	0.38%	1.9	2.2	1.60%
Breast	43.8	53	33.22%	25.8	35.6	26.84%	45.3	64.5	38.72%
Vulva	0.0	0.0	0.00%	0.3	0.4	0.34%	0.0	0.0	0.00%
Vagina	0.1	0.2	0.09%	0.1	0.2	0.14%	0.6	1.0	0.48%
Cervix Uteri	1.7	2.4	1.26%	1.0	1.5	1.06%	0.6	0.9	0.48%
Corpus Uteri	0.6	0.9	0.43%	0.6	0.9	0.67%	1.7	2.9	1.44%
Literus unspec	37	5.3	2.77%	1.0	13	1.06%	2.4	3.8	2.08%
Ovary	5.1	6.4	3.90%	3.6	5.0	3.75%	7.1	10.2	6.08%
Other female genital	0.0	0.0	0.00%	0.0	0.1	0.05%	0.4	0.6	0.32%
Placenta	0.0	0.0	0.00%	0.0	0.0	0.05%	0.2	0.2	0.16%
Kidney	1.1	1.6	0.87%	1.2	1.8	1.25%	0.7	1.1	0.64%
Renal pelvis	0.2	0.3	0.17%	0.2	0.3	0.19%	0.2	0.2	0.16%
Ureter	0.0	0.0	0.00%	0.0	0.0	0.00%	0.0	0.0	0.00%
Bladder	3.7	5.9	2.77%	3.1	4.9	3.27%	3.6	5.7	3.04%
Other urinary organs	0.1	0.1	0.04%	0.0	0.0	0.00%	0.0	0.0	0.00%
Eye	0.1	0.1	0.04%	0.3	0.5	0.34%	0.2	0.2	0.16%



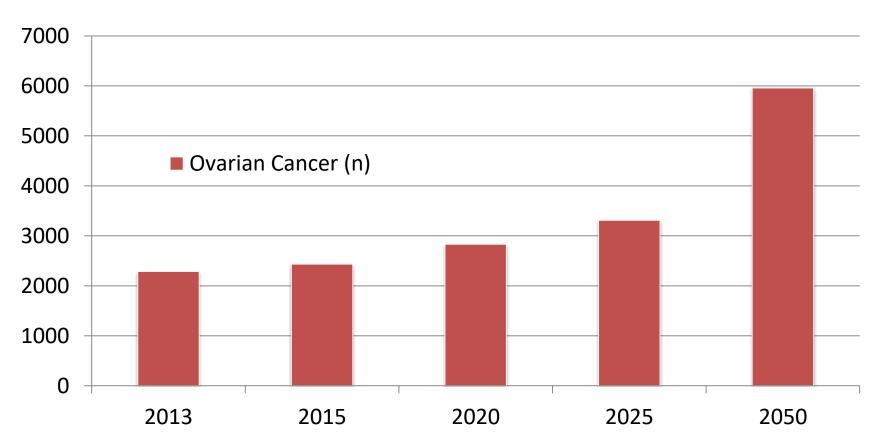


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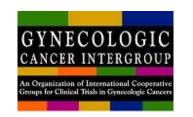
Ovarian Cancer: projected annual case load (Egypt)

Ibrahim et al 2014

Ovarian Cancer (n)

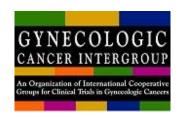






Less Developed			Egypt			More Developed		
Site	Incidence		Site	Incidence		6:	Incidence	
Site	0/0	ASR	Site	% ASR		Site	0/0	ASR
Lung	12.4	19	Breast	18.3	37.3	Colorectum	13.1	30.1
Stomach	10	15.2	Bladder	11.6	13.5	Lung	13	31.3
Breast	9.7	27.1	NHL	8.4	8.7	Breast	12.5	66.4
Liver	8.8	13	Liver	8	9.3	Prostate	11.6	61.7
Colorectum	7.1	10.7	Lung	5	5.9	Stomach	4.9	11.4
Cervix uteri	6.4	17.7	Leukemia	4.5	4.3	Bladder	4.1	9.1
Esophagus	5.6	8.6	Colorectum	4.2	4.4	Kidney	3.3	8.6
Prostate	3.6	11.9	CNS	3.4	3.3	NHL	3.3	8.6
Leukemia	3	4	Prostate	2.4	6.6	Pancreas	3	6.8
NHL	2.5	3.5	Ovary	2.3	4.7	Skin Melanoma	3	9
All cancers	100	146.8	All cancers	100	108.4	All cancers	100	255.8

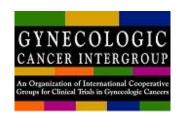




ANCER Athology Egistry

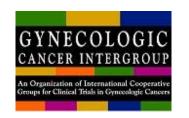
Primary Malignant Neoplasms	No.	% CA
Epithelial Tumors	627	82.61 PA
Papillary serous adenocarcinoma	352	46.38 RI
Mucinous adenocarcinoma	139	18.31
Endometrioid adenocarcinoma	58	7.64
Clear cell carcinoma	15	1.98
Transitional cell carcinoma	14	1.84
Mixed cell adenocarcinoma	8	1.05
Squamous cell carcinoma	1	0.13
Undifferentiated carcinoma	18	2.38
Adenocarcinoma (NOS)	22	2.9
Mesenchymal Tumors	5	0.66
Undifferentiated ovarian sarcoma	1	0.13
Leiomyosarcoma	3	0.4
Rhabdomyosarcoma	1	0.13
Mixed epithelial and mesenchymal tumors		
Malignant mullerian mixed tumor	12	1.58
Sex cord-stromal malignant tumors		
Fibrosarcoma	4	0.53
Malignant sertoli-leydig cell tumor	2	0.26
Germ cell tumors	95	12.52
Dysgerminoma	34	4.48
Yolk-sac tumor	20	2.64
Embryonal carcinoma	4	0.53
Immature teratoma	29	3.82
Choriocarcinoma	1	0.13
Mixed germ cell tumor	7	0.92
Hematopoetic Tumors		
NHL	14	1.84
Total	759	100





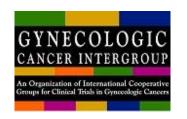
Primary Malignant Neoplasms	Current	Registry	Previous	Previous Registry	
Filmary Manghant Neoplasms	No.	%	No.	%	
Epithelial Tumors	627	82.61	92	85.19	
Papillary serous adenocarcinoma	352	46.38	49	45.37	
Mucinous adenocarcinoma	139	18.31	11	10.19	
Endometrioid adenocarcinoma	58	7.64	4	3.7	
Clear cell carcinoma	15	1.98	1	0.93	
Transitional cell carcinoma	14	1.84	0	0	
Mixed cell adenocarcinoma	8	1.05	0	0	
Squamous cell carcinoma	1	0.13	0	0	
Undifferentiated carcinoma	18	2.38	18	16.67	
Adenocarcinoma (NOS)	22	2.9	9	8.33	
Mesenchymal Tumors	5	0.66			
Undifferentiated ovarian sarcoma	1	0.13	0		
Leiomyosarcoma	3	0.4	1		
Rhabdomyosarcoma	1	0.13	o	0.93	
Mixed epithelial and mesenchymal tumors					
Malignant mullerian mixed tumor	12	1.58	1	0.93	
Sex cord-stromal malignant tumors					
Fibrosarcoma	4	0.53	0	0	
Malignant sertoli-leydig cell tumor	2	0.26	0	0	
Germ cell tumors	95`	12.52	14	12.96	
Dysgerminoma	34	4.48	8	7.41	
Yolk-sac tumor	20	2.64	1	0.93	
Embryonal carcinoma	4	0.53	2	1.85	
Immature teratoma	29	3.82	0	0	
Choriocarcinoma	1	0.13	0	0	
Mixed germ cell tumor	7	0.92	3	2.78	
Hematopoietic Tumors					
NHL	14	1.84	0	0	
Total	759	100	108	100	





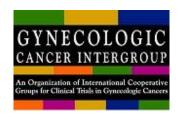






Authors	Publication year	Center	Number of cases	Years covered
Dolbey RV and Mooro AW	1924	Kasr El-Aini	671	1920-1923
El-Sebai I, El-Bolkainy MN and Hussein MH	1973	The National Cancer Institute (NCI)	4602	1971-1972
Bedwani R	1978	High Institute of Medical Research, Alexandria	6789	1974-1977
Sherif M and Ibrahim AS	1987	The National Cancer Institute (NCI)	32305	1970-1985
Mokhtar NM	1991	NCI, Pathology Series	15112	1985-1989
El-Bolkainy MN	1991	Private Pathology Series	7513	1985-1989
Ibrahim AS, Coordinator	2002	NCR, MOH* (Compilation of	18420	1999-mid 2001
		7 hospital-based registries and one regional population-based registry (Gharbiah)		
El-Bolkainy MN, El-Hattab OH and Nouh MA	2005	Private Pathology Series	13000	1990-1997
Elattar IA, Ali-eldin NH, Moneer MM, Elbasmy AA, et al		The National Cancer Institute (NCI) Registry 2002-2003	18496	2002-2003
Ibrahim As, Seif-Eldein IA, Ismail K, Hablas A, Hssein H, Elhamzawy H	2007	Gharbiah Cancer registry, Regional population-based	10440	2000-2002
Mokhtar NM, Gouda I and Adel I	2007	NCI, Pathology Series	9808	2003-2004
Ibrahim AS and Mikhail NN	2010	Aswan Cancer registry, Regional population-based	1150	2008
Ali-Eldein NH		The National Cancer Institute (NCI) Registry 2002-2007	55740	2002-2007
Ibrahim AS, Mikhail NN, Darwesh H and Heikel T	2011	Damietta Cancer registry, Regional population-based	1461	2009





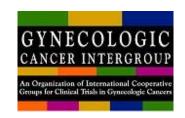
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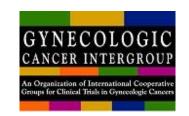




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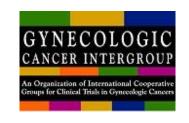
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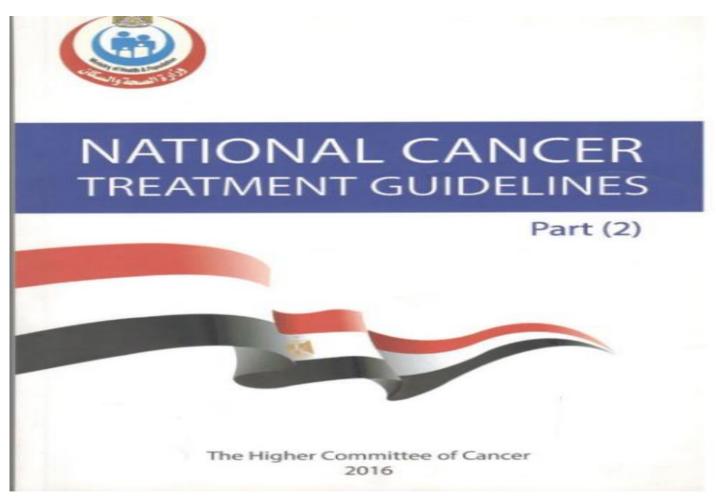
National Cancer Registry Program of Egypt (NCRPE) Patient Management Data Form

A- Patient ID:		
1- Name: Initial Middle name	Last name:	Family Name:
2- Abstract Ref. No.	b	
B- First Course of Cancer Directed Th	ierapy:	
3- Date of the first course: :/		
4- Treatment status: No treatment given Unknown if treatment was given Unknown if treatment	-	illance (watchful waiting) 🗆
B.1- First Surgical Procedure:		n.
5- Reason for no surgery of primary site: Surgery of the		
Surgery of the primary site was not perform		· ·
Surgery of the primary site was not perform	· ////	·
Surgery of the primary site was not perform		· .,
Surgery of the primary site was not perform		
Surgery of the primary site was not perform	A .	
Surgery of the primary site was recommended	• /	
Unknown whether surgery of the primary sit	te was recommended or perfo	ormed (autopsy or death certificate only)
6- Date of the first surgical procedure:/		
7- Date of the most definitive surgical resection of the pri	mary site://	
8- Surgical procedure of the primary site (text and code) ((N.B.: Mention site and name	e of procedure)

9- Surgical margi	ns of the primary site: No residual tumor Residual tumor, NOS
	Microscopic residual tumor □ Macroscopic residual tumor □ Margins not evaluable □
	No primary site surgery □ Unknown or not applicable □
10- Scope of regi	onal lymph node surgery: None 🗆 Biopsy or aspiration of regional lymph node, NOS 🗅
	Sentinel lymph node biopsy D Number of regional lymph nodes removed unknown or not stated D
	1-3 regional lymph nodes removed 4 or more regional lymph nodes removed
	Sentinel node biopsy, and other LN remove at same time, or timing not stated
	Sentinel node biopsy, and other LN removed at different times Unknown or not applicable
	primary surgical procedure to other regional sites Nonprimary surgical procedure to distant lymph node(s) primary surgical procedure to distant site Combination of codes Unknown
12- Date of surgi	tal discharge:/
13- Readmission	to the same hospital within 30 days of surgical discharge:
No surgical	procedure of the primary site or the patient was not readmitted to the same hospital within 30 days 🚨
A patient w	as surgically treated and was readmitted within 30 days. The readmission was unplanned 📮
A patient w	as surgically treated and was readmitted within 30 days. The readmission was planned (chemo, revisionetc) 🚨
A patient w	as surgically treated and was readmitted within 30 days, he had both planned and unplanned readmission 🚨
It is unknov	m whether surgery of the primary site or readmission happened (Death Certificate Only)









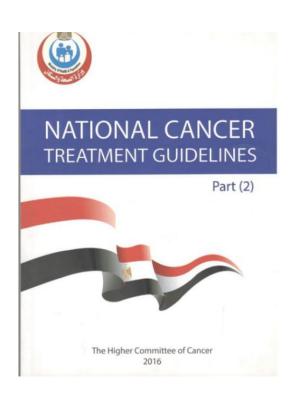


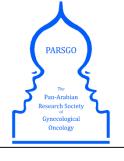
Department of Surgical Oncology

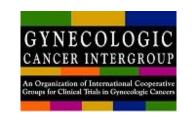
National Cancer Institute NCI-Cairo University - EGYPT

Patient Care

- Treatment according to institutional, national treatment protocols or clinical trials.
- IRB approval is mandatory
- Patient enrollment in international studies (e.g. EORTC)
- Industry sponsored new drug studies: (Tarceva[®], Avastin[®], Gleevec[®], Sutent[®])
- Quality assurance monitoring







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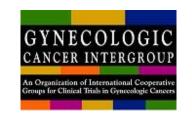
Cancer Care Providers

Three Cancer Institutes . (University Affiliation)

- Eight Cancer Centres. (мон)
- Cancer Units In NHS.

 Cancer Units In Private and Specialized Sectors.





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National Cancer Institute NCI-Cairo University - EGYPT

ROLE OF SURGERY

Early Disease : Stage (I-II)

Staging Laparotomy:

•TAH –Bilateral Salpingo-oophorectomy.

Omentectomy-Peritoneal Lavage.

Retroperitoneal Nodal status.

•Fertility Sparing Surgery.

Advanced Stage: Stage (III-IV)

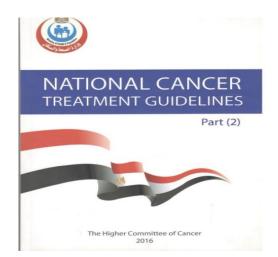
• Cytoreductive Surgery: CRS

CC 0- CC1: Tumour less than 1 cm

• Interval Cytoreduction:

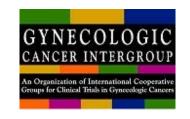
Following upfront Incomplete Cyto reduction and 3 Cycles of Chemotherapy.

- Secondary Cytoreduction : **AGO Score positive** For Recurrent / Progressive Disease.
- Cytoreductive Surgery Peritonectomy—CRS & HIPEC: In recurrent disease at few anatomical sites after a long treatment Interval.





Wael M. SYSTEMICATREATMENT. D - FRCS (Eng)



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Adjuvant Treatment

Early Ovarian Cancer (Stage I-II)

- Stage II-Grade 2-3-Cleasr Cell-positive Cytology.
- Stage IA grade 3
- Stage IB grade 3
- Stage IC grade Any Grade
- Stage II.

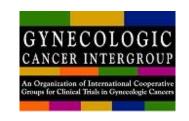
Advanced Stage:

- Pacliaxel / Carboplatin AUC 5.
- Dose Dense Paclitaxel .

Targeted Therapy:

- Bevacizumzb
- Suboptimal Surgery-Stage IV with Chemotherapy.





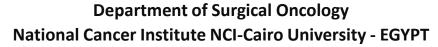
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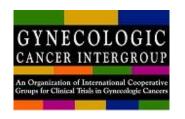
National Cancer Institute-NCI Cairo University



- In 1969, NCI was established as an affiliate of Cairo University
- Degree-granting academic Institution and a cancer treatment and research center
- Largest comprehensive cancer center in the Middle East and Africa.
- Total capacity: 350 Beds (85% Free)
 - 19,000 new patients diagnosed / year
 - 196,000 patients followed-up from previous years







International Collaborators

- European School of Oncology
- European Society of Medical Oncology (ESMO)
- The European Organization for Research and Treatment of Cancer (EORTC)
- Union for International Cancer Control (UICC)
- World Health Organization (WHO)



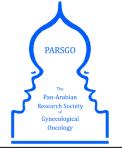


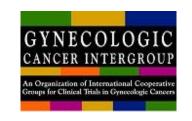
European Society for Medical Oncology









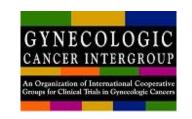


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Over 9 years (2010 – 2017), female genital system represented 4.8% of all cancers among both genders, with an absolute number of 3987 cases

		No	%
Systems	Upper GIT	2506	3.0%
	Lower GIT	14745	17.7%
	Respiratory	6104	7.3%
	Bones	1535	1.8%
	Leukemia	6417	7.7%
	Lymphomas, nodal	6047	7.2%
	Lymphomas, extra nodal	1159	1.4%
	Other blood	519	.6%
	Skin	1918	2.3%
	ST	2370	2.8%
	Retroperitoneum & NB	261	.3%
	Breast	16330	19.6%
	FGS	3987	4.8%
	MGS	1420	1.7%
	Kidneys & Urinary system	8706	10.4%
	Eye, brain & nervous sys	2424	2.9%
	Thyroid & endocrine glands	1782	2.1%
	SUP	4745	5.7%
	Other sites	299	.4%
	Advanced & unknown sites	226	.3%
Group Total		83500	100.0%

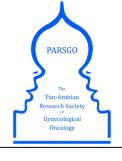


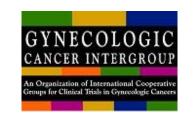


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Site distribution of female genital system: Ovaries represented > 2/5th of cancers followed by cervix uteri 25.3% and corpus uteri 19.1%

	No	%
Labia majors	5	.1%
Vulva	142	3.6%
Vagina	119	3.0%
Cervix uteri	1000	25.3%
Endometrium	269	6.8%
Corpus uteri	755	19.1%
Ovaries	1629	41.1%
Other female genital	40	1.0%
Group Total	3959	100.0%





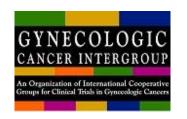
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Major Surgeries at Gynecologic Oncology Unit

- Cytoreductive surgeries and HIPEC :2-5 operations per month.
- Panhysterectomies: 10-15 operations per month.
- Staging for ovarian carcinoma: 20-35 per month.
- Wertheim's operation for cervical carcinoma: 8-15 operations per month.





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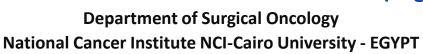
العمليات

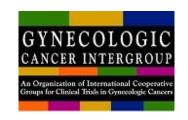
- اولاً عدد مفصل للمرضى الذين أجرى لهم عمليات جراحية بالمعهد عن الفترة من 2015/01/01 وحتى 2015/12/31

الاجمالي	تٰدی	تُدي	هيبك	صدر	جهاز	عظام	مسالك	اورام	راس	الشهر	م
	تجمع	المعهد			هضمي	وانسجه		نساء	ورقبه		
						رخوه				10.00	
375	146	4	2	17	61	22	21	58	44	يثاير	1
395	140	5	0	22	61	21	31	48	67	فيراير	2
482	186	6	3	26	68	23	27	52	91	مارس	3
406	122	5	0	22	65	13	37	55	87	ابريل	4
392	125	5	0	26	58	26	28	51	73	مايو	5
389	112	4	2	25	82	22	39	44	59	يونيو	6
269	83	1	0	17	46	13	21	32	56	يوليو	7
448	146	1	1	25	76	25	43	50	81	اغسطس	8
340	118	4	3	15	55	30	31	34	50	سيتمير	9
365	116	0	1	26	61	37	31	34	59	اكتوبر	10
412	125	5	1	26	71	25	43	46	70	ثوفمبر	11
475	156	3	4	27	62	30	42	75	76	ديسمبر	12
4748	1575	43	17	274	766	287	394	579	813		الاجمالي

ملحوظة: - العمليات وهي وحدة العمليات بالمعهد القومي للأورام وتتكون من خمس غرف (5) عمليات لاجراء الجراحات المذكورة بالجدول.







GYN-ONC & SURFACE PERITONEAL TUMOURS JOINT MDT: NCI & UMSM





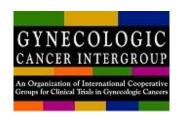
27th March 2016 10 am-11 am OPD-Committee Room

Members:

Surgical Oncology Medical Oncology Radiation Oncology Radiology & Imaging







Department of Surgical Oncology National Cancer Institute NCI-Cairo University - EGYPT

538	Multi-Disciplinary GI & GYN Tumor Board
1	Request Form Today Date:
	Conference Date:
Patient Name:	MR#
	n:
Diagnosis:	Presenting Physician:
Presentation Type	: Before Treatment after Treatment
Pathology Revi	iew? Staging: cT cN cM (OR) pT pN pM
□ Outside Patholog	y UMMC Pathology
Is imaging review	required? Yes No
□ Outside Imaging ((Downloaded to PACs)
Discussion Imaging	Question:
Will patient be see	n in Multi-D Clinic? Yes No
If yes, pleas	ne mark all requested modalities
Surgical Oncology	□ _{Dr.}
Radiation Oncology	Appointment Date:
Medical Oncology	Dr
Interventional Radio	ology Dr
Other:	
Discussion Questio	n:
	X
	or Tuesday GI Conference must be received no later than Friday 8 a.m. for Tuesday morning station. After 10 am on Friday any additional requests for conference must be submitted
	ared by Radiology and/ or Pathology for acceptance. ***
N/	***Below for Multi-D Coordinator Use Only***
Pathology:	Imaging:
Date Ordered:	Date Ordered:
Date Received:	
Date Delivered:	Date Delivered:

MULTI-DISCIPLINARY GI & GYN TUMOR



Sponsored by the University of MarylandSchool of Medicine

Pancreatic Mass

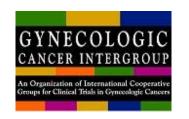
*The University of Maryland School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

*The University of Maryland School of Medicine designates this live activity for a maximum of 1 "AMA PRA Category 1 Credit". Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Dr. Hanna

MRN:		4	
D. 11. COM \$14.0400.0	Clinical Trials	cTcNcM	
Pull: CT 2/16/2016 Before Tx After x	Dision of staging	NCCI	X
Discussion: <u>Treatment Plan.</u>			
Recommendations:Surveillance Imag	ging in 6 months.		
	Q,		
2.	GB Cancer	Dr. Hanna	
MRN:	Clinical Trials	cTcNcM	
Pull: PET/CT 2/12/2016 & path	Clinical Trials	CICNCIVI	
Before Tx After x	Dision of staging	NCCI	X
Discussion: <u>Treatment Plan.</u>			
Recommendations: NOT Discussed.			
A A			





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Multi-Disciplinary GI& GYN Tumor Board					
Request Form					
Today Date:					
Conference Date: 12/6/2016					
Patient Name: Sahar Ibrahim MR#116011394					
Referring Physician:					
Diagnosis:High grade ovarian Carcinoma Presenting Physician:					
Presentation Type: Before TreatmentyesafterTreatment					
Pathology Review? Staging TccNcM					
□Outside Pathology□NCI Pathology					
Is imaging review required?					
□□ outsideNCI					
Discussion Imaging Question:					
Will patient be seen in Multi-D Clinic?					
If yes, please mark all requested modalities					
Surgical OncologyDr					
Radiation Oncology DrAppointment Date:					
Medical Oncology Dr					
Interventional Radiology Dr					
Other:					
Other:					
Discussion Question: Imaging revision decision: CTH Vs CRS& HIPEC then CTH ***All requests for Sunday GYN & SPT Conference must be received no later than Thursday 8 a.m. for morningSunday conference presentation. After 10am onThursday any additional requests for conference must					
Discussion Question: Imaging revision decision: CTH Vs CRS& HIPEC then CTH ***All requests for Sunday GYN & SPT Conference must be received no later than Thursday 8 a.m. for morningSunday conference presentation. After 10am onThursday any additional requests for conference must be submitted directlyto and cleared by Radiology and/ or Pathology for acceptance.***					
Discussion Question: Imaging revision decision: CTH Vs CRS& HIPEC then CTH ***All requests for Sunday GYN & SPT Conference must be received no later than Thursday 8 a.m. for morningSunday conference presentation. After 10am onThursday any additional requests for conference must be submitted directlyto and cleared by Radiology and/ or Pathology for acceptance.*** ***Below for Multi-D Coordinator Use Only***					

Female pt,43 Y old,HN: 116011394

S/P: Exploration >NCI for adnexal masses,1/4/2016

Done Rt salpingo oophrectomy,Lt ovariectomy Path:bilateral undiff. Carcinoma

IPT: +ve CK,CK7,WT-1

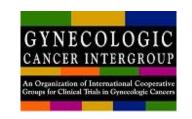
-ve for CK 20

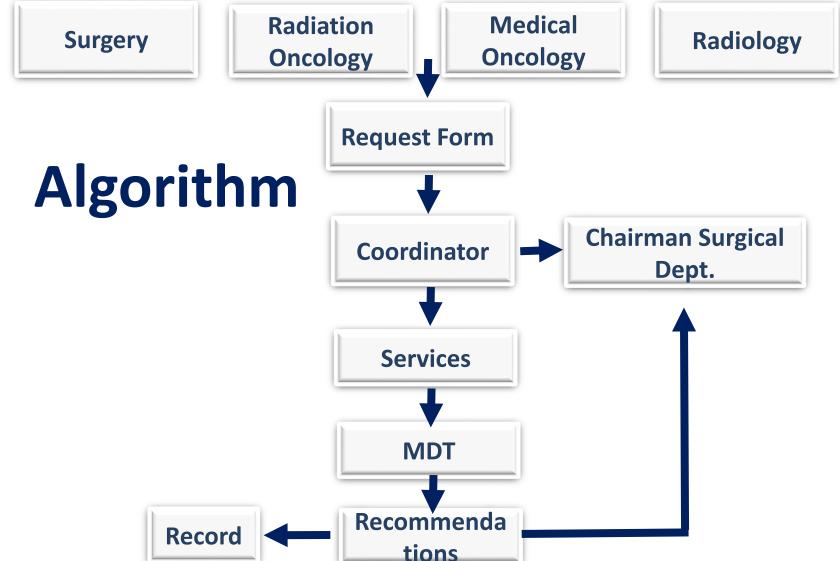
Consistent with high grade ovarian carcinoma

MRI post operative >NCI: normal of appearance the uterus ,absence of both ovaries. RT multilocular cystic lesion is seen with internal fibrosis within, inclusion likely peritoneal operative cyst(post sequelae) rather than being ovarian TM "normal Referred to NCI for CTH vs

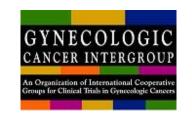
Completion of surgery





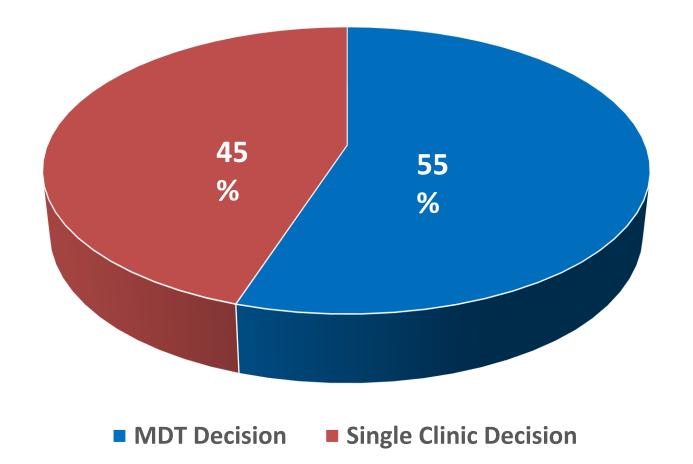




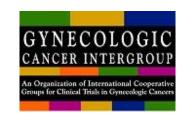


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Variations In Decision Making



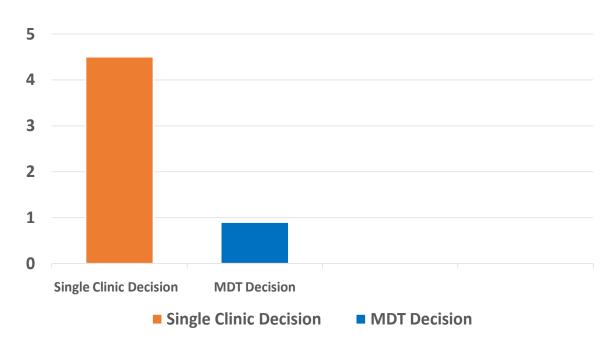




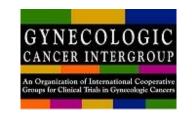
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Financial Impact







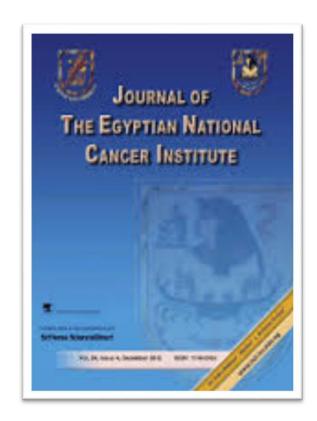
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Cancer Research

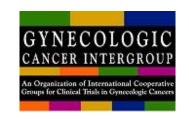
 Journal of The Egyptian National Cancer Institute (JENCI)

Elsevier Published

- Establishment of Regional Collaborative Groups
 - Middle East Cancer Consortium (MECC)
 - Mediterranean Oncology Society (MOS)
 - European-Arab School of Oncology (EASO)







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EC CANCER Research Article

Clinicopathological, Epidemiologic Characteristics and Treatment Outcomes of Ovarian Cancer Patients at NCI, Cairo University

Hanan R Nassar¹, Yasser A Sallam^{1*}, Tarek Darwish¹ and Mohamed A Elbassuiony²

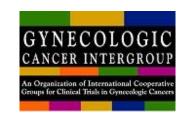
*Corresponding Author: Yasser A Sallam, Department of Medical Oncology, National Cancer Institute, Cairo University, Egypt.

Received: October 31, 2015; Published: May 10, 2016

¹Department of Medical Oncology, National Cancer Institute, Cairo University, Egypt

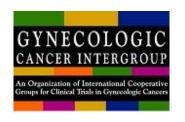
²Department of Cancer, Tanta Cancer Center, Egypt





	Mean	Median	Number (%)
Age	44.9 ± 14.4	48	265 (100%)
1-1o years			2 (0.8%)
11-20 years			21 (7.9%)
21-30 years			23 (8.6%)
31-40 years			26 (10%)
41-50 years			90 (34%)
51-60 years			82 (31%)
61-70 years			16 (6%)

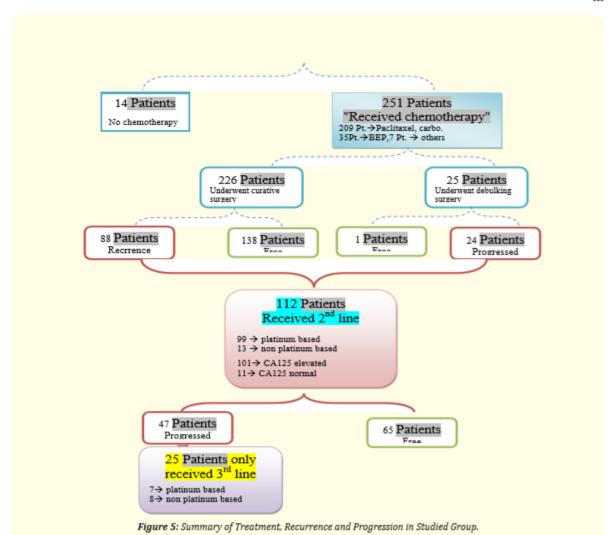




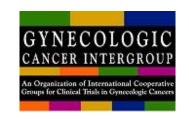
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Clinicopathological, Epidemiologic Characteristics and Treatment Outcomes of Ovarian Cancer Patients at NCI, Cairo University

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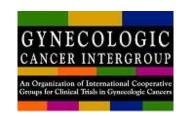
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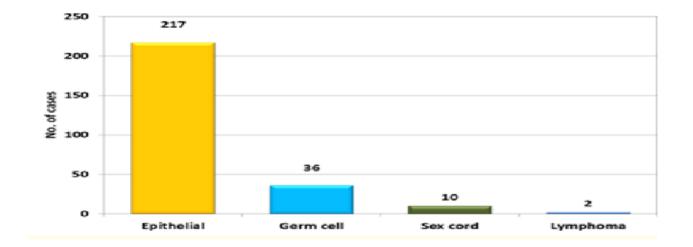
Clinicopathological, Epidemiologic Characteristics and Treatment Outcomes of Ovarian Cancer Patients at NCI, Cairo University

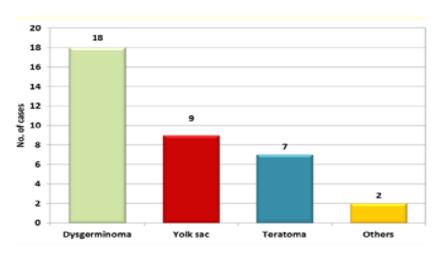
111

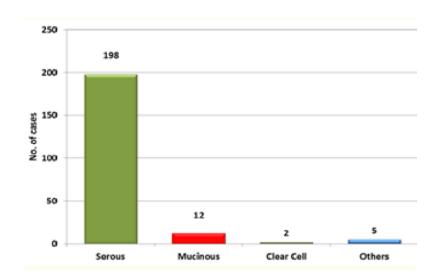
	Number	Percentage					
Site							
Bilateral	118	44.5%					
Right	93	35.0%					
Left	54	20.5%					
Histopathological Grade							
Grade I	74	27.9%					
Grade II	139	52.5%					
Grade III	52	19.6%					
FIGO Stagi	ng						
Stage I	73	27.5%					
EOC	30	13.9%					
NEOC	43	89.6%					
Stage II	38	14.4%					
EOC	35	16.1%					
NEOC	3	6.3%					
Stage III	114	43.0%					
EOC	112	51.6%					
NEOC	2	4.1%					
Stage IV	40	15.1%					
EOC	40	18.4%					
NEOC	0	0%					



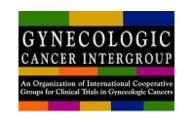


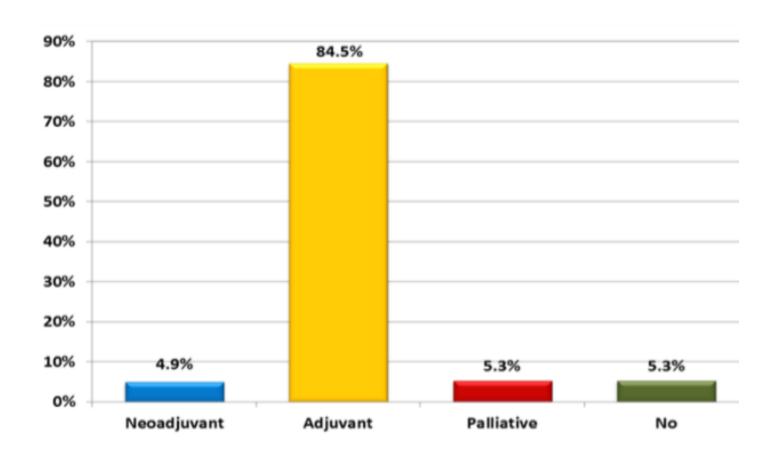




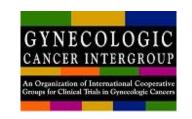












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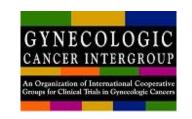
Results

Initial Surgical Treatment: 90% of Cases.

• First Line Adjuvant Chemotherapy- Paclitaxel-Carboplatin: 78% with response rate 55%.

 Second Line Chemotherapy –Platinum Based with response rate 58%.





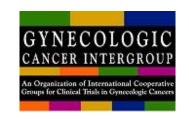
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Five-Year Disease Free Survival: 57 %

Progression Free Survival after first line
 Chemotherapy: 8 months.

Five-Year Overall Survival (OS): 85%





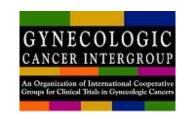
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For a better estimate of the Magnitude of the problem.

National Cancer Registry is a Must.

- Out reach programs for better awareness and better
- Identification of the non diagnosed ones.
- Health education (Schools, high schools and colleges).
- Mass Media effect by better projection of the problem; Risk Factors, Early Detection





Department of Surgical Oncology

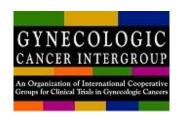
National Cancer Institute NCI-Cairo University - EGYPT

Tran cultural studies for Disease site
 Differences: Epidemiology-Predisposing factors—Response to Treatment.

 Enrolment and Collaboration with Different International Societies for Research and Multicentre Trials.



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The NNCI Project

