

A- Basic Information

1. Title and Code:course. 2nd part of Master course

2. Programme(s) on which this course is given: Msc

3. Year/ Level of programmes : 2nd part

4. Units/Credit hours:

	Lectures	Practical/ surgical	Clinical/ Tutorial	Total
hours /week	4	7	----	11
Total	180	315		495

5. Names of lecturers contributing to the delivery of the course

1. Prof: M. Tharwat
2. Dr. Khalid Fawzy
3. Dr. M Zaki
4. Dr M. Hassan
5. Medhat Ibrahim
6. Nahla M. Ali

Course co-ordinator Dr: Medhat Ibrahim

External evaluator Dr. Yousef badran

B- Statistical Information

No. of students attending the course: No 0 0%

No. of students completing the course: No. 0 0%

Results:

Passed: No. 0 (00%) Failed: No. 0 (0) %

Grading of successful students:

Excellent: No. 0 (0%) % Very Good: No. (0%)

Good : No. 1 (0%) Pass: No. 0 (0%)

C- Professional Information

1 – Course Teaching

Topic actually taught	No. of hours	Lecturer
:Cardiac system -1		
.Normal cardiac radiology .1.1	3	Prof: M. Tharwat
.Congenital heart diseases .1.2	4	Prof: M. Tharwat
.Rheumatic heart diseases .1.3	3	Prof: M. Tharwat
.Ischemic heart diseases .1.4	3	Prof: M. Tharwat
.Cardiomyopathy .1.5	3	Prof: M. Tharwat
.Cardiac tumors .1.6	3	Prof: M. Tharwat
.Pericardial diseases and pericardial tumors .1.7	3	Prof: M. Tharwat
.Cardiac & pericardial trauma .1.8	3	Prof: M. Tharwat
.CT coronary angiography .1.9	3	Prof: M. Tharwat
.Functional cardiac imaging .1.10	3	Prof: M. Tharwat
:Vascular system -2		Prof: M. Tharwat
.Arterial imaging .2.1	4	Prof: M. Tharwat
.Venous imaging .2.2	3	Prof: M. Tharwat
.Interventional procedures .2.3		Prof: M. Tharwat
:Respiratory system -3	3	Dr. Khalid Fawzy
.Normal chest radiology & variants .3.1	3	Dr. Khalid Fawzy
.Bronchitis and bronchial asthma .3.2	3	Dr. Khalid Fawzy
.Bronchiectasis .3.3	3	Dr. Khalid Fawzy
.Pulmonary infections .3.4	3	Dr. Khalid Fawzy
.Diffuse lung diseases .3.5	3	Dr. Khalid Fawzy
.Occupational lung diseases .3.6	3	Dr. Khalid Fawzy
.Emphysema .3.7	3	Dr. Khalid Fawzy
.Lung collapse and consolidation .3.8	3	Dr. Khalid Fawzy
.Lung tumors .3.9	4	Dr. Khalid Fawzy
.Pulmonary edema .3.10	3	Dr. Khalid Fawzy
.Pleural diseases .3.11	3	Dr. Khalid Fawzy
.Mediastinal masses .3.12	3	Dr. Khalid Fawzy
.Pediatric chest diseases .3.13	3	Dr. Khalid Fawzy
.Diaphragmatic lesions .3.14	3	Dr. Khalid Fawzy
.Chest wall disorders .3.15	3	Dr. Khalid Fawzy
.Chest trauma .3.16	3	Dr. Khalid Fawzy
.Virtual bronchoscopy .3.17	3	Dr. Khalid Fawzy
.Recent advances and functional imaging .3.18	3	Dr. Khalid Fawzy
:Gastrointestinal tract -4		Dr. M Zaki
.Normal oro and hypopharyngeal radiology .4.1	3	Dr. M Zaki
.Oro and hypopharyngeal diseases .4.2	3	Dr. M Zaki
.Normal oesophageal radiology .4.3	3	Dr. M Zaki
.Inflammatory oesophageal diseases .4.4	3	Dr. M Zaki
.Oesophageal tumors .4.5	3	Dr. M Zaki
.Oesophageal strictures .4.6	3	Dr. M Zaki
.Oesophageal motility disorders .4.7	3	Dr. M Zaki

.Miscellaneous oesophageal lesions .4.8	3	Dr. M Zaki
.Normal gastric radiology .4.9	3	Dr. M Zaki
.Gastritis & duodenitis .4.10	3	Dr. M Zaki
.Peptic ulcers .4.11	3	Dr. M Zaki
.Gastric & duodenal tumors .4.12	3	Dr. M Zaki
.Congenital gastric & duodenal disorders .4.13	3	Dr. M Zaki
.Miscellaneous gastric & duodenal disorders .4.14	3	Dr. M Zaki
.Radiology of post operative stomach .4.15	3	Dr. M Zaki
.Imaging in acute abdomen .4.16	4	Dr. M Zaki
.Normal small intestinal radiology .4.17	3	Dr. M Zaki
.Normal colonic radiology .4.18	3	Dr. M Zaki
.Congenital anomalies of the intestine .4.19	3	Dr. M Zaki
.Inflammatory bowel diseases .4.20	3	Dr. M Zaki
.Obstructive bowel diseases .4.21	5	Dr. M Zaki
.Ischemic bowel diseases .4.22	3	Dr. M Zaki
.Small and large intestinal tumors .4.23	3	Dr. M Zaki
.Intestinal polyposis .4.24	3	Dr. M Zaki
.Miscellaneous intestinal disorders .4.25	3	Dr. M Zaki
.Normal hepatic radiology .4.26	3	Dr. M Zaki
Liver cirrhosis and portal hypertension .4.27	3	Dr. M Zaki
.Hepatic tumors .4.28	5	Dr. M Zaki
.Diffuse liver diseases .4.29	3	Dr. M Zaki
.Infective liver diseases .4.30	3	Dr. M Zaki
.Liver trauma .4.31	3	Dr. M Zaki
.Miscellaneous hepatic disorders .4.32	3	Dr. M Zaki
.Normal biliary radiology .4.33	3	Dr. M Zaki
.Congenital biliary anomalies .4.34	3	Dr. M Zaki
.Cholecystitis .4.35	5	Dr. M Zaki
.Cholelithesis .4.36	3	Dr. M Zaki
.Imaging of jaundice .4.37	4	Dr. M Zaki
.Interventional biliary procedures .4.38	3	Dr. M Zaki
.Miscellaneous biliary disorders .4.39	3	Dr. M Zaki
.Normal pancreatic radiology .4.40	3	Dr. M Zaki
.Congenital pancreatic disorders .4.41	4	Dr. M Zaki
.Pancreatitis .4.42	3	Dr. M Zaki
.Pancreatic tumors .4.43	5	Dr. M Zaki
.Pancreatic cysts .4.44	4	Dr. M Zaki
.Pancreatic trauma .4.45	3	Dr. M Zaki
.Miscellaneous pancreatic disorders .4.46	3	Dr. M Zaki
.Normal splenic radiology .4.47	3	Dr. M Zaki
.Congenital splenic disorders .4.48	3	Dr. M Zaki
.Splenic trauma .4.49	4	Dr. M Zaki
.Imaging of splenomegaly .4.50	3	Dr. M Zaki
.Splenic infections .4.51	3	Dr. M Zaki
.Splenomegaly & portal hypertension .4.52	3	Dr. M Zaki
.Miscellaneous splenic disorders .4.53	3	Dr. M Zaki
.Peritonitis .4.54	3	Dr. M Zaki

.Peritoneal tumors .4.55	3	Dr. M Zaki
.Imaging in ascites .4.56	3	Dr. M Zaki
.Retroperitoneal disorders .4.57	4	Dr. M Zaki
.Abdominal and subphrenic abscesses .4.58	3	Dr. M Zaki
.Leaking abdominal aortic aneurysm .4.59	3	Dr. M Zaki
.Normal radiology of salivary glands .4.60	3	Dr. M Zaki
.Inflammatory salivary disorders .4.61	3	Dr. M Zaki
.Salivary glands tumors .4.62	5	Dr. M Zaki
.Miscellaneous salivary glands disorders .4.63	3	Dr. M Zaki
.Normal adrenal radiology .4.64	3	Dr. M Zaki
.Adrenal masses .4.65	4	Dr. M Zaki
.Adrenal cysts .4.66	3	Dr. M Zaki
.CT gastrography and virtual gastroscopy .4.67	3	Dr. M Zaki
.CT enterography .4.68	3	Dr. M Zaki
.CT colonography & virtual colonoscopy .4.69	3	Dr. M Zaki
.MR enterocolysis .4.70	3	Dr. M Zaki
.Imaging in hepatic transplantation .4.71	3	Dr. M Zaki
:Urinary tract -5		Dr M. Hassan
.Normal UT radiology .5.1	3	Dr M. Hassan
.Urolithiasis .5.2	3	Dr M. Hassan
.Hydronephrosis & pyonephrosis .5.3	3	Dr M. Hassan
UT tumors. 1 .5.4	5	Dr M. Hassan
.Pyelonephritis and cystitis .5.5	3	Dr M. Hassan
.UT infective lesions .5.6	3	Dr M. Hassan
UT tumors. 2 .5.7	5	Dr M. Hassan
.Renal & UB trauma .5.8	5	Dr M. Hassan
.Renovascular hypertension .5.9	3	Dr M. Hassan
.Imaging in haematuria .5.10	5	Dr M. Hassan
.UB outflow obstruction .5.11	3	Dr M. Hassan
.Urethral strictures .5.12	3	Dr M. Hassan
.Urethral tumors .5.13	3	Dr M. Hassan
.Urethral trauma .5.14	3	Dr M. Hassan
.UT interventional procedures .5.15	3	Dr M. Hassan
.CT urography .5.16	3	Dr M. Hassan
.MRU .5.17	3	Dr M. Hassan
.CT cystography .5.18	3	Dr M. Hassan
.Imaging in renal transplantation .5.19	4	Dr M. Hassan
:Male genital system -6		Dr M. Hassan
.Normal radiology of male genital system .6.1	3	Dr M. Hassan
.Testicular trauma .6.2	5	Dr M. Hassan
.Testicular tumors .6.3	3	Dr M. Hassan
.Testicular infections .6.4	3	Dr M. Hassan
.Varicocele & torsion .6.5	3	Dr M. Hassan
.Hydrocele .6.6	3	Dr M. Hassan
.Imaging in male infertility .6.7	3	Dr M. Hassan
.Prostatic tumors .6.8	3	Dr M. Hassan
.Prostatic infections .6.9	3	Dr M. Hassan

.Miscellaneous prostatic disorders .6.10	3	Dr M. Hassan
.Imaging in impotence .6.11	3	Dr M. Hassan
:Female genital system -7		Dr M. Hassan
.Normal radiology of female genital system .7.1	3	Dr M. Hassan
.Ovarian tumors and cysts .7.2	3	Dr M. Hassan
.Ovarian torsion .7.3	3	Dr M. Hassan
.Ovulatory disorders .7.4	3	Dr M. Hassan
.Abnormal uterine bleeding .7.5	3	Dr M. Hassan
.Uterine tumors .7.6	4	Dr M. Hassan
.Congenital uterine anomalies .7.7	3	Dr M. Hassan
.Miscellaneous uterine disorders .7.8	3	Dr M. Hassan
.Pregnancy and its complications .7.9	3	Dr M. Hassan
.Imaging in female infertility .7.10	3	Dr M. Hassan
.Tubo-ovarian abscess .7.11	5	Dr M. Hassan
.Fetal anomalies .7.12	5	Dr M. Hassan
.Interventional procedures .7.13	3	Dr M. Hassan
:Musculoskeletal system -8		Dr. Medhat Ibrahim
.Normal musculoskeletal radiology .8.1	3	Dr. Medhat Ibrahim
.Osteomyelitis & spondylitis .8.2	3	Dr. Medhat Ibrahim
.Arthritis .8.3	3	Dr. Medhat Ibrahim
.Metabolic bone disorders .8.4	3	Dr. Medhat Ibrahim
.Congenital bone and spinal disorders .8.5	5	Dr. Medhat Ibrahim
.Endocrinal bone disorders .8.6	3	Dr. Medhat Ibrahim
.Bone & spinal trauma .8.7	3	Dr. Medhat Ibrahim
.Fractures and dislocations .8.8	3	Dr. Medhat Ibrahim
.Bone tumors & tumors like disorders .8.9	3	Dr. Medhat Ibrahim
.Bone infarctions .8.10	3	Dr. Medhat Ibrahim
.Miscellaneous bone disorders .8.11	3	Dr. Medhat Ibrahim
.Scoliosis and khyphosis .8.12	3	Dr. Medhat Ibrahim
.Spinal cord tumors .8.13	3	Dr. Medhat Ibrahim
.Spinal cord vascular disorders .8.14	3	Dr. Medhat Ibrahim
.Spinal cord degenerative disorders .8.15	3	Dr. Medhat Ibrahim
.Spinal cord inflammatory disorders .8.16	3	Dr. Medhat Ibrahim
:Central nervous system -9		Dr. Medhat Ibrahim
.Normal CNS radiology .9.1	5	Dr. Medhat Ibrahim
Imaging in trauma .9.2	5	Dr. Medhat Ibrahim
.CNS Infections .9.3	5	Dr. Medhat Ibrahim
.CNS vascular disorders & stroke .9.4	3	Dr. Medhat Ibrahim
.CNS congenital anomalies .9.5	3	Dr. Medhat Ibrahim
.CNS tumors .9.6	5	Dr. Medhat Ibrahim
.CNS degenerative disorders .9.7	3	Dr. Medhat Ibrahim
.Miscellaneous CNS disorders .9.8	3	Dr. Medhat Ibrahim
.Imaging in hydrocephalus .9.10	3	Dr. Medhat Ibrahim
Recent advances in functional imaging .9.11	3	Dr. Medhat Ibrahim
:Lymphatic disorders -10		Dr. Nahla M. Ali
.Imaging in lymphoma .10.1	3	Dr. Nahla M. Ali
.Imaging in lymphodema .10.2	3	Dr. Nahla M. Ali
:Paranasal sinuses -11		Dr. Nahla M. Ali

.Normal PNS radiology .11.1	3	Dr. Nahla M. Ali
.Sinusitis .11.2	3	Dr. Nahla M. Ali
.Mucoceles .11.3	3	Dr. Nahla M. Ali
.PNS tumors .11.4	4	Dr. Nahla M. Ali
.Polyposis .11.5	3	Dr. Nahla M. Ali
.PNS trauma .11.6	4	Dr. Nahla M. Ali
.Miscellaneous PNS disorders .11.7	3	Dr. Nahla M. Ali
.Nasopharyngeal disorders .11.8	3	Dr. Nahla M. Ali
:Orbit -12		Dr M. Hassan
.Normal orbital radiology .12.1	3	Dr M. Hassan
.Imaging in proptosis .12.2	3	Dr M. Hassan
.Orbital trauma .12.3	3	Dr M. Hassan
.Orbital tumors .12.4	5	Dr M. Hassan
.Orbital vascular disorders .12.5	3	Dr M. Hassan
.Inflammatory orbital disorders .12.6	3	Dr M. Hassan
.Congenital orbital anomalies .12.7	3	Dr M. Hassan
.Miscellaneous orbital disorders .12.8	3	Dr M. Hassan
:Ear -13		Dr M. Hassan
.Normal radiology of the ear .13.1	3	Dr M. Hassan
.Congenital anomalies of ear .13.2	3	Dr M. Hassan
.Imaging in trauma .13.3	3	Dr M. Hassan
Imaging in tinnitus .13.4	4	Dr M. Hassan
.Imaging in hearing loss .13.5	4	Dr M. Hassan
.Otitis media and complications .13.6	4	Dr M. Hassan
.Ear tumors .13.7	5	Dr M. Hassan
.Miscellaneous ear disorders .13.8	3	Dr M. Hassan
:Neck and larynx -14		Dr. Khalid Fawzy
.Normal neck and laryngeal radiology .14.1	3	Dr. Khalid Fawzy
.Imaging of neck swellings .14.2	3	Dr. Khalid Fawzy
.Laryngeal trauma .14.3	3	Dr. Khalid Fawzy
.Laryngeal tumors .14.4	5	Dr. Khalid Fawzy
.Cord lesions and paralysis .14.5	3	Dr. Khalid Fawzy
:Breast -15		Dr. Khalid Fawzy
.Normal breast radiology .15.1	4	Dr. Khalid Fawzy
.Breast masses .15.2	5	Dr. Khalid Fawzy
.Imaging in breast discharge .15.3	5	Dr. Khalid Fawzy
Total	675	Dr. Khalid Fawzy

Topics taught as a percentage of the content specified:



100 %

70-90 %

<70%

Reasons in detail for not teaching any topic

2- Teaching and Learning Methods:

Lectures:

Practical Training/ Laboratory:

Seminar/Workshop:

Class Activity:

Case Study:

Other Assignments/Homework:

Teaching skills in the casualty department , out-patient clinic and skill's lab on communication with patients, history taking doing vaginal examination for normal and abnormal cases, IUCD insertion and removal, episiotomy and its repair, computer skills and computer based learning.

3- Student Assessment:

Method of Assessment	Percentage of total
Written examination	50%
Oral examination	30%
Practical/laboratory work	20%
Other Assignments/class work	formative
Total	100 %

Members of Examination Committee

1. Prof: Dr. M.Tharwat Mahmoud
2. Prof.Dr.Ahmad Mostafa Mohamed.
3. Prof .Dr Mostafa Mohamed Mostafa.
4. Dr.Khaled Fawzy Zaki

Role of external evaluator

The external evaluator was involved in revising the course specifications and the curriculum as regards its contents, methods of implementation and techniques of evaluation for each part.

4- Facilities and Teaching Materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:-

- 1) The Out patient clinics are not adequate for practical training.
- 2) The number of clinical representatives is inadequate.

5- Administrative Constraints

Although there is marked cooperation at the higher authority levels as regards making teaching facilities available, yet there is some shortage in the form of the number of clinical cases due the renovation of the hospitals infrastructures.

6- Student Evaluation of the course: A questionnaire was filled by the students at the end of the course and before attending the final examination, the student's criticism was:-

- *Absence of a dependable source for studying.

- * Absence of development of a good Rapport with their staff members.

- * Difference in opinion between their staff members.

Response of Course Team: The course team discussed the points of criticism, the points of strength and the points of weakness in the students evaluation and this will be reflected on the action plan for the new academic year.

7- Comments from external evaluator(s):

The external evaluator feels that the contents of the course are adequate and covers the objective of the course core curriculum adequately.

The external evaluator had a look on the final examination and appreciated the wide area of the curriculum covered by this examination.

The external evaluator appreciated the effort of collecting the materials included in the lectures through the whole course as an electronic and written document

Response of Course Team:

The course team very respectfully appreciated the comments of the external evaluator.

8- Action Plan for Academic Year 2012 – 2013

Actions Required	Person Responsible	Completion Date
Department web site on which all lectures and teaching materials will be available for the students	Head of the department	mid-year 2013
Construction of institutional E-mails of the staff and their availability to the students	Quality assurance unite	mid-year 2013
Development of question bank	Head of the department	October 2012
A system for computer based examination	Head of the department	October 2012

Course Coordinator: Dr: Medhat Ibrahim

Signature:

Date: