



Annual Course Report of medical surgical nursing 1st semester

University: Zagazig

Faculty: Nursing

Department: Medical- Surgical Nursing department

A- Basic Information

1. Title and code: Medical surgical nursing3 / Nur.103

2. Programme(s) on which this course is given: B.Sc. nursing program

3. Year/2015-2016 Semester/ 1st Level of programmes /2nd year

4. Units/Credit hours: Not applicable

Lectures 60

Tutorial/Practical 240

Total 300

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

- Prof. Dr/ Nadia Mohamed Taha.
- Dr/ Elham Hamad Mohamed.
- Dr/ Howida Kamaeel Zytoon.
- Dr/ Eman El-Sayed.
- Dr/ Naglaa Abd- El- Kareem.

- Course coordinator: Prof. Dr / Nadia Mohamed Taha

- External evaluator: Dr. Magda Abdel Azeez.

Prof. Dr. Kamelia Foad

B- Statistical Information

No. of students attending the course:

No.

518

100%

No. of students completing the course:

No.

490

Results:

Passed: No.

490

94.59 %

Failed: No.

28

5.41%



Grading of successful students:

Excellent: No.

Very Good: No.

Good: No.

Pass: No.

C- Professional Information

1 – Course teaching

Topics	No. of hours	Lecturer
• I :Nursing Care of Patients with Neurological Disorder	8	• Prof. Dr/ Nadia Mohamed Taha.
II; Nursing Care of Patients with Hematological disorders	6	Dr/ Elham Hamad Mohamed
III- Nursing Care of Patients with respiratory disorders	12	Dr/ Howida Kamaeel Zytoon
IV- Nursing Care of Patients with cardiovascular and circulatory disorders	10	Dr/ Eman El-Sayed
V- Nursing Care of Patients with Digestive and Gastrointestinal Disorders	10	Dr/ Naglaa Abd- Kareem

Topics taught as a percentage of the content specified:

>90 %

70-90 %

<70%



- Reasons in detail for not teaching any topic

All topics were taught

- If any topics were taught which are not specified, give reasons in detail

All topics were specified

2- Teaching and learning methods:

- Lectures: ☒
 - Practical training/ laboratory: ☒
 - Seminar/Workshop: ☒
 - Class Activity: ☒
 - Case Study: ☒
 - Other assignments/homework: ☐
- If teaching and learning methods were used other than those specified, list and give reasons:

3- Student assessment:

Method of assessment	Percentage of total
Final Written examination	120
Oral examination	10
Mid-term examination	20
Practical/laboratory work	50
<hr/>	
Total	200



- **Members of examination committee:**

1. Prof. Dr/ Nadia Mohamed Taha
2. Prof. Dr/ Magda abd-El- Azeez
3. Dr/ Elham Hamad Mohamed.
4. Dr/ Howida Kamaeel Zytoon.

- **Role of external evaluator**

Reviews course content in relation to course specification, in addition to reviewing the final exam.

4- Facilities and teaching materials:

Totally adequate

☒

Adequate to some extent

☐

Inadequate

☐

- List any inadequacies

5- Administrative constraints

1. Time of lectures was too much and followed by others lectures.
2. Inadequate ventilation.
3. Disorganization between different departments regarding place of lectures.

6- Student evaluation of the course:

- About 88 % of students were satisfied about contents in medical surgical nursing , 80% of students were satisfied about ILOS of the course , meanwhile , 60% of students were satisfied about class lecture .



Response of Course Team

- List any criticisms
- Communicate with the professor to update some topics.

7- Comments from external evaluator(s):

- Objectives were clear and specified.
- Academic Standards was clear and suitable.
- Methods of evaluation adequate and sufficient.
- Procedural verb needs to be rewritten; it did not match the format of professional skills.

8- Course enhancement:

1. Updating course content.

Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
1. Adding new application and examples.	Completed
2. Revision the book and updating course content.	Completed
3. design electronic course	Completed

9- Action plan for academic year 2016 – 2017

Actions required	Completion date	Person responsible
Revision and updating the courses contents	At the beginning of the academic years 2016-2017	Head of Department and All staff of medical surgical nursing members

Head of department: Prof. Dr/ Nadia Mohamed Taha

Course coordinator: Prof. Dr / Nadia Mohamed Taha

Signature:

Date:



Annual Course Report of Pathology 1st semester

University: Zagazig

Faculty: Nursing

Department: Medical surgical nursing département.

A- Basic Information

1. Title and code: Pathology / Med.205

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

3. Year/2015 -2016 Semester/ 1st Level of programmes/2nd year

4. Units/Credit hours: 0

Lectures Tutorial/Practical Total

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

- Prof. Dr / Professor. Dr/Masoad Omar
- **Course coordinator:** Prof. Dr / Masoad Omar

Prof. Dr / Rafaat Awad

- **External evaluator:** Pof.Dr/ Magda Assaf

B- Statistical Information

No. of students attending the course: No.

No. of students completing the course: No.

Results:

Passed: No. Failed: No.



Grading of successful students:

Excellent: No. Very Good: No.

Good: No. Pass: No.

C- Professional Information

1 – Course teaching

Topics actually taught	No. of hours	Lecturer
<ul style="list-style-type: none"> ▪ Introduction. ▪ Cell response to injuries. ▪ Inflammation. ▪ Repair ▪ Circulatory disturbances. ▪ Immunity. ▪ Infection and granuloma. ▪ Disorders of growth 	2 2 4 3 5 4 3 5	Prof. Dr / Masoad Omar Prof. Dr / Rafaat Awad

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

- Reasons in detail for not teaching any topic

All topics were taught

- If any topics were taught which are not specified, give reasons in detail

All topics were specified



2- Teaching and learning methods:

- Lectures: ☒
 - Practical training/ laboratory: ☒
 - Seminar/Workshop: ☐
 - Class Activity: ☐
 - Case Study: ☐
 - Other assignments/homework: ☐
- If teaching and learning methods were used other than those specified, list and give reasons:

3- Student assessment:

Method of assessment	Percentage of total
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Final Written examination	<input type="text" value="60"/>
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Oral examination	<input type="text" value="20"/>
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Mid-term examination	<input type="text" value="20"/>
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Total	100
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- Members of examination committee:

Professor. Dr/Masoad Omar

- Role of external evaluator

Reviews course content in relation to course specification, in addition to reviewing the final exam.



4- Facilities and teaching materials:

Totally adequate

☒

Adequate to some extent

☐

Inadequate

☐

- List any inadequacies

5- Administrative constraints

1. Time of lectures was afternoon after clinical practice.
2. Inadequate ventilation

6- Student evaluation of the course: Response of Course Team. List any criticisms

-About 65% of students were satisfied about contents in human relations, 70% of students were satisfied about ILOS of the course, meanwhile, and 82% of students were satisfied about lecture class.

Response of Course Team

- List any criticisms.

-communicate with the professor to update some topics.

7- Comments from external evaluator(s):

- Objectives were clear and specified.
- Academic Standards was clear and suitable.
- Methods of evaluation adequate and sufficient.
- Course was much summarized.

Response of course team

Update the course

8- Course enhancement:

- 1-updating course content



Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
Mid term exam	Achieved
Updating the course	Completed
External evaluation	Achieved
Examination committee	Achieved

9- Action plan for academic year 2016 – 2017

Actions required	Completion date	Person responsible
Updating course content	Academic year 2016-2017	Lecturer of course, Course coordinator

Course coordinator: Professor. Dr/Masoad Omar

Signature:

Date:



Annual Course Reports of English language 1st term

University: Zagazig
Department of medical surgical nursing

Faculty :Nursing

A- Basic Information

1. Title and code: English Language – All.403

2. program(s) on which this course is given: Bachelor program

3. Year/2015-2016 second year Semester/1st

Level of programmes 2nd year

4. Units/Credit hours:

Lectures Tutorial/Practical Total

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

i dr. Omnia Ahmed Mohamed

Course co-ordinator : dr. Omnia Ahmed Mohamed

External evaluator : Mrs. Hana Abdel Moez El Nagar

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

Passed: No. % Failed: No. %

Grading of successful students:

Excellent: No. Very Good: No. %

Good : No. Pass: No. %



C- Professional Information

1 – Course teaching

Topics actually taught	No. of hours		Lecturer
	Theoretical	Practical	
<ul style="list-style-type: none"> • Unit1: introducing people • Unit2: Organization • Unit3: Grammar and Capitalization • Unit4: Sentence Structure • Unit5: Writing • Unit6: Vocabulary in context 	4	2	Mrs. Amira Abdel Wahab
Unit7: Grammar Rules	6	3	
	4	2	
	4	2	
	4	2	
	4	2	

Topics taught as a percentage of the content specified:

>90 % ☒ 70-90 % ☐ <70% ☐

Reasons in detail for not teaching any topic

All topics were taught

If any topics were taught which are not specified, give reasons in detail

All topics were specified

2- Teaching and learning methods:

Lectures: ☒

Practical training/ laboratory: ☒

Seminar/Workshop: ☐

Class Activity: ☐



Case Study:

Other assignments/homework:

If teaching and learning methods were used other than those specified, list and give reasons:

Not present

3- Student assessment:

Method of assessment	Percentage of total
Written examination	<input type="text" value="30"/>
Oral examination	<input type="text" value="10"/>
Mid-term	<input type="text" value="10"/>
Total	50

Members of examination committee

dr. Omnia Ahmed Mohamed

dr. Hana Abdel Moez El

Role of external evaluator

Reviews course content in relation to course specification, in addition to reviewing the final exam.

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate



List any inadequacies

5- Administrative constraints

3. Time of lectures was afternoon after clinical practice.
4. Inadequate ventilation

6- Student evaluation of the course: Response of Course Team

-About 73% of students were satisfied about contents in human relations, 68% of students were satisfied about ILOS of the course, meanwhile, and 91% of students were satisfied about lecture class

Response of Course Team

- List any criticisms.
- communicate with the professor to update some topics.

7- Comments from external evaluator(s): Response of course team

- Objectives were clear and specified.
 - Academic Standards was clear and suitable.
 - Methods of evaluation adequate and sufficient.
- Course was much summarized.

8- Course enhancement:

- 1- updating course content

Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
Mid term exam	Achieved
Updating the course	Completed



9- Action plan for academic year 2016 – 2017

Actions required	Completion date	Person responsible
1. Updating the course	Academic year 2016-2017	Lecturer of course

Course coordinator: dr. Omnia Ahmed Mohamed

Signature:

Date:



Annual Course Report of internal medicine 1st semester
University: Zagazig **Faculty:** Nursing
Department of medical surgical nursing

A- Basic Information

- 1. Title and code:** Internal medicine / (Med.206)
- 2. Programme(s) on which this course is given:** : Bachelor program
- 3. Year/2015- 2016 Semester/:**1st **Level of programmes/** 2nd year
- 4. Units/Credit hours:**0
Lectures h Tutorial/Practical hours Total: hours

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

Prof. of course: Assistance Prof. Dr. Hissen Mohamed Hissen

Course co-ordinator

: Assistance Prof. Dr. Hissen Mohamed Hissen

- External evaluator Hassan elsanhoty

B- Statistical Information

No. of students attending the course: No.
No. of students completing the course: No.

Results:

Passed: No. % Failed: No. %



Grading of successful students:

Excellent: No. Very Good: No

Good : No Pass: No

C- Professional Information

1 – Course teaching

Topics actually taught	No. of hours	Lecturer
1-gastro esophageal reflux disease	3	<i>Prof. Dr. Hissen Mohamed Hissen</i>
2-desease of stomach and duodenum	5	
3-disease of intestine	6	
4-inflamation bowel disease	4	
5-carconoid	5	
6-liver disease	5	
7-endocrine disorder	2	
8-diabetes mellitus	5	
9-hematology and bleeding disorder	2	
10-chronic renal failure	3	
11-nephritic syndrome	5	

Topics taught as a percentage of the content specified:

>90 % ☒ 70-90 % ☐ <70% ☐

- Reasons in detail for not teaching any topic:

All topics were taught

- If any topics were taught which are not specified, give reasons in detail:

All topics were specified



2- Teaching and learning methods:

- Lectures: ☒
- Practical training/ laboratory: ☐
- Seminar/Workshop: ☐
- Class Activity: ☐
- Case Study: ☐
- Other assignments/homework: ☐

- If teaching and learning methods were used other than those specified, list and give reasons:

3- Student assessment:

Method of assessment

Percentage of total

	<input type="text" value="60"/>
Final Written examination	
	<input type="text" value="20"/>
Oral examination	
	<input type="text" value="20"/>
Mid-term examination	
<hr/>	
Total	100

Members of examination committee

Prof. Dr. Hissen Mohamed Hissen

Role of external evaluator

Review course content in relation to course specification, in addition to reviewing the final exam

4- Facilities and teaching materials:

- Totally adequate ☐
- Adequate to some extent ☒
- Inadequate ☐



List any inadequacies

Place of lecture not suitable for number of students

5- Administrative constraints:

List any difficulties encountered

Time of lecture was afternoon after clinical practice

6- Student evaluation of the course:

about 65% of students were satisfied about content

70% of students were satisfied about Ilos of the course and 82% were satisfied about lecture class.

List any criticism

7- Comments from external evaluator(s): Response of course team

Objectives were clear and specified

Academic standards was clear and suitable

Methods of evaluation adequate and sufficient

Course was much summarized

8- Course enhancement:

1- Update the courses contents

Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
Mid term exam	Achieved
External Evaluator	Done
Update the courses	comleted
Examination committee	Done



9- Action plan for academic year 2016 – 2017

Actions required	Completion date	Person responsible
Update the courses contents	Academic year 2016 -2017	Lecturer of course

Course coordinator: *Prof. of course:* Dr. Hissen Mohamed Hissen

Signature:

Date:



Annual Course Report of Applied Pharmacology 1st semester

University: Zagazig
Department of Applied Pharmacology

Faculty: Nursing

A- Basic Information

1. Title and code: applied Pharmacology- Med.207

2. Program(s) on which this course is given: Bachelor program

3. Year/2015-201 Semester/1st Level of programs/ 2nd year

4. Units/Credit hours: 0

Lectures Tutorial/Practical Total

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

i Professor. Dr/El-Said Kamel

ii Professor. Dr/Ebtessam Abd-Elall

Course coordinator Professor. Dr/El-Said Kamel

External evaluator

Professor. Dr/Hussin Ibrahim shabaik

B- Statistical Information

No. of students attending the course: No
No. of students completing the course: No

Results:

Passed: No. Failed: No.

Grading of successful students:

Excellent: No. Very Good: No.

Good : No. Pass: No.



C- Professional Information

1 – Course teaching

Topics actually taught	No. of hours	Lecturer
Unit (1) ♦ General pharmacology	2	Dr/El-Said Kamel
Unit (2) ♦ Autonomic nervous system	3	Dr/El-Said Kamel
Unit (3) ♦ Cardiovascular system	3	Dr/Ebtessam Abd-Elall
Unit (4) ♦ Respiratory tract system	4	Dr/El-Said Kamel
Unit (5) ♦ Gastrointestinal tract	3	Dr/Ebtessam Abd-Elall
Unit (6) ♦ Endocrine	4	Dr/Ebtessam Abd-Elall
Unit (7) ♦ Central nervous system	3	Dr/El-Said Kamel
Unit (8) ♦ Miscellaneous	2	Dr/Ebtessam Abd-Elall
Unit (9) ♦ Diuretics	2	Dr/El-Said Kamel
Unit (10) ♦ Blood	4	Dr/El-Said Kamel

Topics taught as a percentage of the content specified:

>90 % ☒ 70-90 % ☐ <70% ☐

▪ **Reasons in detail for not teaching any topic**

All topics were taught according to time frame

▪ **If any topics were taught which are not specified, give reasons in detail**

All topics were specified



2- Teaching and learning methods:

▪ Lectures:

☒

▪ Practical training/ laboratory:

☐

▪ Seminar/Workshop:

☐

▪ Class Activity:

☒

▪ Case Study:

☐

▪ Other assignments/homework:

☐

If teaching and learning methods were used other than those specified, list and give reasons:

3- Student assessment:

Method of assessment

Percentage of total

Written examination

60

Oral examination

20

Mid term

20

Practical/laboratory work

100

Total

Members of examination committee

Dr/Ebtessam Abd-Elall

Dr/El-Said Kamel

Role of external evaluator

Evaluation of course content

Evaluation of exam

4- Facilities and teaching materials:

Totally adequate

☐

Adequate to some extent

☒

Inadequate

☐

List any inadequacies

5- Administrative constraints

▪ List any difficulties encountered



6- Student evaluation of the course: Response of Course Team

List any criticisms: about 66% of the students were satisfied about the contents of the course , 98% of the students were satisfied with ILOS of course , and 66% of th students were satisfied with class lecture .

7- Comments from external evaluator(s):

- Objectives were clear and specified.
- Methods of evaluation adequate and sufficient.

Response of course team

8- Course enhancement:

Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
Mid term exam	achieved
Updating the course	Completed
External evaluator	Completed
Examination committee	Completed

9- Action plan for academic year 2016– 2017

Actions required	Completion date	Person responsible
Update the course	Academic year2016-2017	Lecturer of course

Course coordinator: Dr/El-Said Kamel

Signature:

Date:



Annual Course Report of Medical Specialties 1st semester

University Zagazig

Faculty: Nursing

Department of medical surgical nursing

A- Basic Information

1. **Title and code: minor element:** Medical Specialties

A- Gastroenterology and hepatology (Med.208a) /

B- critical medicine (Med.208b)

c- chest and heart disease (Med.208c)

D- Neurology (Med.208d).

2. **program(s) on which this course is given:** Bachelor program

3. **Year/2015- 2016**

Semester/, 1st semester

Level of program: 2nd year

4. **Units/Credit hours:0**

Lectures: 60 Tutorial/Practical: 0 Total 60 h

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

-Course co-ordinator :

Dr/ Mohammed Emam (gastroenterology and hepatology)

Dr/ghadaabdelrazek (Critical medicine)

Prof.dr/ Ashraf El- Shory (heart and chest)

Dr.Tamer ElSerete (neurology)

-External evaluator

Dr.M.El-Khashab (gastroenterology and hepatology)

Dr.Mona abd-Elhamed (Critical medicine)

Dr.Adel Atia (heart and chest)

Dr.Alaa Abd-El GHany (neurology)



B- Statistical Information:

No. of students attending the course: No

No. of students completing the course: No. %

Results

Passed: No Failed: No.

Grading of successful students:

Excellent: No. Very Good: No.

Good : No. Pass: No

C- Professional Information

1 – Course teaching (Gastroenterology)

Topics actually taught	lecture	No. of hours
• Jaundice	Dr/ Mohammed Emam	2
• Viral hepatitis		2
• Liver cirrhosis		2
• Liver cell failure		2
• Portal hypertension		2
• Pancreatitis		2
• Gall bladder stones		1
		1
• Peptic ulcer		1
• Colitis		
• Gastrointestinal bleeding		



(Content of heart and chest)

Week	Topic	No.of hours	Lecture
1	Unit 1: Anatomical and physiological remarks	2	Prof.dr/ Ashraf El- Shory
2	Unit 2: Clinical diagnosis of cardiac patient & symptoms of cardiac patient.	2	
3	Unit 3: Cardiac disorders: <ul style="list-style-type: none">• Valvular lesions• Rheumatic fever• Endocarditis	2	
4	<ul style="list-style-type: none">• Ischemic heart diseases• Systemic hypertension• Pericardial diseases• Heart failure• Cardiac arrhythmia• Sudden cardiac death	2	



5	Unit 4: Anatomical and physiological remarks Unit 5: Clinical diagnosis symptoms of patient with chest diseases <ul style="list-style-type: none"> • pulmonary functions • Arterial blood gases. • Hemoptysis • Dyspnea • Chest pain 	2	
6	Unit 6: Chest disorders <ul style="list-style-type: none"> • Pneumonia • Lung abscess • Bronchiectasis • Acute bronchitis 	2	

Content of critical medicine

Week	Topic	No. of hours	
			lecture
2 weeks	Unit 1. Causes and prevention of cardio-respiratory arrest.	4	Dr/ghadaabdelrazek
2 weeks	Unit 2. In hospital resuscitation, advanced life support.	4	
2 weeks	Unit 3. Heart rhythm associated with cardiac arrest	4	
2 weeks	Unit 4. Advanced life support algorithm	4	
1 week	Unit 5 Drug used during	4	



	management of cardiac arrest.		
1 week	Unit 6. Cardiac arrest in special situation.	3	
1 week	Unit 7. Airway management	3	
1 week	Unit 8. Traumatic shock	4	
1 week	Unit 9. Acid-base interpretation.	4	
1 week	Unit 10. Triage.	3	
1 week	Unit 11. Initial assessment and management of injured patient.	4	
1 week	Unit 12. Nursing role during major incident.	3	

Content of neurology

Week	Topic	No. of hours	Tutorial/Practical	
1 st , 2 nd	The nervous system	1	-	Dr. Tamer ElSerete
1 st , 2 nd	<ul style="list-style-type: none"> Methods of neurological investigations 	2	-	
3 rd	<ul style="list-style-type: none"> The cranial nerves 	1	-	
3 th	<ul style="list-style-type: none"> Facial nerve 	1	-	



4 th	• Motor system	1	-	
5 th	• Hemiplegia	1	-	
6 th	• Subarachnoid hemorrhage	2	-	
6 th	• Paraplegia	1	-	
7 th	• Neurogenic bladder	2	-	
7 th	• Peripheral neuropathy	2	-	
8 th	• Muscle diseases	2	-	
8 th	• Movement disorders	2	-	
9 th	• Cerebral lesions and ataxia	2	-	
9 th	• Demyelinating diseases	2	-	
10 th	• Central nervous system infections •	2	-	
11 th	• Epilepsy	1	-	
12 th	• Headache •	1	-	
13 th	• Dementia •	1	-	
14 th	• Coma	2	-	
15 th	• Revision	2	-	



Topics taught as a percentage of the content specified:

>90 % ☒

70-90 % ☐

<70% ☐

- Reasons in detail for not teaching any topic:

All topics were taught

- If any topics were taught which are not specified, give reasons in detail:

All topics were specified

2- Teaching and learning methods:

- Lectures:

☒

- Practical training/ laboratory:

☐

- Seminar/Workshop:

☐

- Class Activity:

☐

- Case Study:

☐

- Other assignments/homework:

☐

- If teaching and learning methods were used other than those specified, list and give reasons:

3- Student assessment:

Method of assessment

Percentage of total

Final Written examination

120

Oral examination

40

Mid-term examination

40

Total

200



Members of examination committee

Dr/ Mohammed Emam (gastroenterology and hepatology)

Dr/ghadaabdelrazek (Critical medicine)

Dr/ Ashraf El- Shory (heart and chest)

Dr.Tamer ElSerete (neurology)

Role of external evaluator

Review course content in relation to course specification, in addition to reviewing the final exam

4- Facilities and teaching materials:

Totally adequate

☐

Adequate to some extent

☒

Inadequate

☐

- List any inadequacies

Place of lecture not suitable for number of students

5- Administrative constraints

List any difficulties encountered

Time of lecture was afternoon after clinical practice

6- Student evaluation of the course:

about 75% of students were satisfied about content

80% of students were satisfied about Ilos of the course and 82% were satisfied about lecture class

List any criticisms



7- Comments from external evaluator(s):

Objectives were clear and specified
Academic standards was clear and suitable
Methods of evaluation adequate and sufficient
Course was much summarized

Response of course team

8- Course enhancement:

Update the courses contents

Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
Mid term exam	Achieved
External Evaluator	done
Update the courses	completed
Examination committee	done

9- Action plan for academic year 2016 – 2017

Actions required	Completion date	Person responsible
Update the courses contents	Academic year 2016 -2017	Lecturer of course

Course coordinator:

Dr/ Mohammed Emam (gystrontorology and hepatology)

Dr/ghadaabdelrazek (Critical medicine)

Prof.dr/ Ashraf El- Shory (heart and chest)

Dr.Tamer ElSerete (neurology)

Signature:

Date: