



قسم الأمراض الجلدية
والتناسلية
وأمراض الذكورة

Department of *Dermatology, Venerology*

Degree: Doctorate in Dermatology, Venerology programme

A- Basic Information:

- 1- **Program title:** Doctorate degree In dermatology and Venerology
- 2- **Final award:** Doctorate (MD) in dermatology and Venerology
- 3- **Program type:** Single
- 4- **Responsible Department:** Dermatology, Venerology department.
- 5- **Departments involved in the programme:** Dermatology, Venerology department and community, environmental and occupational medicine department.
- 6- **Programme duration:** 3.5 years
- 7- **Number of programme courses:** 4 courses
- 8- **Coordinator:** Prof. Eman Saad Abdelazim,
- 9- **Internal evaluators:** Dr. Rasha Turkey Abdel-Razek
- 10- **External evaluators:** Prof. Dr. Talal Abdelrehem
- 11- **Programme management team:** All staff members.

B- Professional Information:

1- Program aims:

Graduate of Doctorate Degree in dermatology and Venerology should be able to:

- 1.1. Achieve excellence in practical use advanced methods and tools of scientific research in the field of dermatology and Venerology.
- 1.2. Role plays the analytical scientific way in the field of professional practice in dermatology, Venerolog.
- 1.3. Identify and solve common and advanced health problems in dermatology, Venerology.

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- 1.4. Achieve all essential competencies necessary to enable the graduate to practice in a safe, scientific & ethical approach as well as using efficiently the suitable information technology to improve the professional practice in the field of dermatology, Venereology.
 - 1.5. Upgrade the existing communication skill that enables exchange of information with other health professionals, colleagues, students and develop the skills of leadership.
 - 1.6. Collaborate the skills of decision-making in different situations during the professional practice.
 - 1.7. Become a leader and decision maker professional in the field of dermatology and venereology.
 - 1.8. Find a way to improve resources and ensure maintaining them.
 - 1.9. Keep on the appropriate attitude and professionalism that comply with the adopted standards of code of practice.
 - 1.10. Value essential skills of life-long learning and continuous medical education and Professional self-development.

2- Intended learning outcomes (ILOs)

(a)- Knowledge and understanding:

By the end of the study of doctorate program, the candidate should be able to:

- a.1. Memorize theories, basics & most of the recent advances in the field of dermatology, Venereology and the relevant sciences related to the specialty.
- a.2 Describe recent advances in etiology, clinical picture and management of dermatological diseases.
- a.3 Describe recent advances in the management and prevention of dermatological diseases.
- a.4. Explain the effects of the environment on the professional practice of dermatology, Venereology and the impact of such practice on it and the welfare of the society
- a.5. Quote the main scientific progress & developments in the field of dermatology, Venereology.
- a.6. Identify the basic and advanced medico-legal principles that should be applied in the practice of dermatology, Venereology.
- a.7 List professionally the basics & standards of quality assurance to ensure good practice in the field of dermatology, Venereology.
- a.8. Memorize the fundamentals and ethics of medical research.

a.9 Identify the ethical aspects of conducting scientific researches in the field of Dermatology, Venerology.

a.10 Identify the most recent advances in methods of infection control.

(b)- Intellectual skills

By the end of the program the candidate should be able to:

b.1. Appraise & interpret relevant advanced information, morphological features and correlate them with essential clinical data to reach a final diagnosis

b.2. Articulate problems in spite of lack of some data through the approach of investigative & analytical thinking by giving a list of differential diagnosis for further advanced investigations.

b.3. Correlate different knowledge & relevant information to reach a final diagnosis.

b.4. Identify the role of dermatopathology in clinicopathologic correlation.

b.5. Carry out a scientific research study and acquire the advanced skills of analysis & interpretation of results and solve problems

b.6. Evaluate then manage efficiently potential risks that may arise during the practice of pathology in different clinical situations like handling and processing of specimens as well as during performing different essential techniques.

b.7. Plan for the development of acquisition of skills of advanced & modern pathological laboratory techniques as well as principals of surgical histopathology.

b.8. Demonstrate the skills of critical appraisal by presenting a case-study or review in one of the common problems in dermatology, Venerology.

b.9 Modify plans that reflects the skills of decision-making in different situations in the field of dermatology, Venerology.

b.10. develop ability to argue on possible theory upon the experiment and conduct a talk based on medical based evidence in dermatology and venerology related diseases and health problem.

3. Skills:

(c)- Professional and practical skills

By the end of the study of Doctorate program in dermatology, Venerology the candidate should be able to:

- c.1. Outline the basic structure and function of different microbes.
- c.2. Practice efficiently advanced and modern histological procedures & techniques.
- c.3 Explain the recent pathogenesis, laboratory diagnosis and management of dermatological diseases and infections (bacteria, viruses and fungi).
- c.4. Define the role of the immune system in health and disease.
- c.5. Mention different types of dermatological neoplasms and how to manage.
- c.6. Relate dermatological findings to different systemic diseases.
- c.7. Correlate pathological findings to clinical findings to find out the diagnosis.
- c.8. Perceive & improve and create current methods and tools existing in practical, laboratory & dermatology, Venerology.
- c.9. Invent plans for performing experiments related to the specialty of dermatology, Venerology.
- c.10. Use microscope to reach pathological diagnosis in the field of dermatopathology.
- c.11. Teach others in the lab regarding the basics of essential techniques and issues related to maintain safety and maintenance of available resources.
- c. 12. Write competently and evaluate the medical reports.
- c.13. Perform competently all lab. procedures considered essential for Dermatology, Venerology related conditions.

(d). General and transferable skills

By the end of the study of doctoral program in dermatology and venerology the candidate should be able to:

- d.1 Use database to collect material needed for research.
- d.2 Organize material from various sources (including library, electronic and online resources).
- d.3 Express a research assignment orally and deliver it in both written and electronic forms.
- d.4 Show respect to all patients irrespective of their socioeconomic levels, culture or religious beliefs and use language appropriate to the patient's culture
- d.5 Express medicolegal problems to assist in their solving according to medical ethics.

- d.6 Communicate effectively with other health care professionals to maximize patient benefits and minimize the risk of errors.
- d.7 Be aware of the importance of life-long self-learning and show a strong commitment to it.
- d.8 Show concern and effectively deal with unethical behavior of other members of healthcare team.

3- Program Academic Reference Standards:

- Minia faculty of medicine has developed the academic standards (ARS) for medical doctorate (MD) program and was approved in faculty of council decree No.7528, in its session No.191, dated: 15-3-2010, last update: 20-3-2023.

-Then, in view of the adopted general standards, dermatology, Venerology department has developed the intended learning outcomes (ILOs) for doctorate (MD) program in dermatology, Venerology and the date of approval was by department council: 10-5-2013, last update: 8-3-2023.

-Comparison between National Academic Quality Assurance & Accreditation (NAQAAE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS) and Program ILOS.

4. Program External Reference:

5. Program Structure:

Program duration: (3.5years).

| Subject | Hour/week | | |
|---|-----------|------------|----------|
| | Lectures | Practicals | Clinical |
| First part | | | |
| Histopathology and mycology | 3 | 1 | 1 |
| Uses of computer in medicine | 1 | 2 | |
| Research design & methodology and medical statistics | 1 | 2 | |
| Second part | | | |
| Dermatology and venerology | 4 | 2 | 2 |

| Third Part (12 months) | |
|---------------------------------------|-------------------|
| Research Thesis and discussion | continuous |

5. Programme courses

Four courses are compulsory. To ensure complete coverage of all program ILOs by courses, a correlation between them has been done.

| Course Title | Total No. of hours | No. of hours /week | | | Program ILOs Covered | |
|--|--------------------|--------------------|-----------|----------|----------------------|--|
| | | Lect. | Practical | Tutorial | | |
| FIRST PART (Level of course): | | | | | | |
| 1.histopathology and mycology | Code No. DV100 | 114 | 60 | 27 | 27 | a.4 - b2 - b3 - b4 - b5 c.2 -c.7 -c.10 - c.12 |
| <u>2.Research design & methodology:</u> | | 45 | 15 | 30 | | a1,a2,a3,a4,a5, b1,b2,b3,b4 c1,c2, |
| <u>3. Uses of computer in medicine:</u> | | 30 | 20 | 10 | | d1,d2 |
| Training programs and workshops, field visits, seminars& other scientific activities | Continuous | | | | | a1,a2,a3,a4,a5, b1,b2,b3,b4 c1,c2, d1,d2 |
| SECOND PART (Level of course): | | | | | | |

| | | | | | | |
|--|----------------|-----|-----|-----|---|--|
| 4. dermatology and venerology | Code No. DV100 | 704 | 352 | 176 | 176 | a.1 - a.2 - a.3 - a.4 - a.5-b.1 -b.2 -b.3 b.7 - b.8 c.1 – c.3 -c.4 -c.5 -c.6 - c.10 |
| Training programs and workshops, field visits, seminars& other scientific activities | Continuous | | | | a.1 - a.2 - a.3 – a.5- a.7 -b.1 -b.2 -b.3 b.7 -b.8 -c.1 – c.3 -c.4 -c.5 -c.6 -c.10, d1,d2, d3,d4, d5,d6,d7,d8 | |
| Third Part (12 months and continuous) | | | | | | |
| Research (thesis) | continuous | | | | a.5 a.7 a.8 a.9 b.2 b.5 b.7 b.9 b.10 c.8 c.9 d.1 d.2 d.3 d.4 d.5 d.6 d.7 | |

5. programme admission requirements:

A-Candidates should have either:

1. MBCH degree from any Egyptian faculty of medicine or
2. Equivalent degree from medical schools abroad approved by the Ministry of Higher education.

B- Master degree in dermatology and venerology.

C- Follows postgraduate regulatory rules of postgraduate studies of Minia Faculty of medicine.

7- Regulations for progression and programme completion

Duration of program is (3.5 years), starting from registration till acceptance of the thesis; divided to:

First Part: (≥6 months):

- All courses as specified in the internal by law

- At least six months after registration should pass before the student can ask for examination in the 1st part.

- Two sets of exams: 1st in May — 2nd in October.

- For the student to pass the first part exam, a score of at least 60% in each curriculum is needed. Those who fail in one curriculum need to re-exam it only.

Second Part: (≥24months):

- Program related specialized Courses.

- At least 24 months after passing the 1st part should pass before the student can ask for examination in the 2nd part.

- For both parts, fulfillment of the of log book (Attendance, effective discussion in seminars, performance in practical lab and other activities). as following:

- a. Journal club
- b. Training courses
- c. Case presentation
- d. Conference attendance
- e. Seminars
- f. Workshops

Thesis/essay:

- Start after at least 18 months from registration and should be completed, and accepted after passing the 2nd part examination.

- Accepting the thesis is enough to pass this part.

8- Methods of teaching and learning:

- Lectures
- Practical (Seminars, grand rounds, pathology sessions and case presentation sessions)
- Assignment and journals club
- Attending and participating in scientific conferences, workshops.
- Training courses
- Thesis discussion attendances

9- Methods of student assessment:

| Method of assessment | The assessed ILOs |
|----------------------|-------------------|
|----------------------|-------------------|

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|---|---|
| 1-Research (Thesis) | <ul style="list-style-type: none"> a. Knowledge & understanding, b. Intellectual skills c. Practical skills d. General & transferable skills |
| 2-Written Exams: a-Short essay b-Problem solving | <ul style="list-style-type: none"> a. Knowledge & understanding b. Intellectual skills a. Knowledge & understanding skills b. Intellectual skills c. Professional skills |
| 3-Practical Exams | <ul style="list-style-type: none"> a. Intellectual skills b. Professional & practical skills |
| 4- Oral Exams | <ul style="list-style-type: none"> a. knowledge & understanding b. Intellectual skills c. General & transferable skills |
| 5. Log book | <ul style="list-style-type: none"> a. Knowledge & understanding b. Intellectual skills c. Professional & practical skills d. General & transferable skills |

10- Weight of courses assessment:

| Course | Total | Written exam | Oral exam | Clinical/ Practical exam |
|--|-------|--------------|-----------|-----------------------------|
| 1.histopathology and mycology | 100 | 60 | 20 | 20 |
| <u>2.Research design & methodology:</u> | 100 | 60 | 20 | 20 |

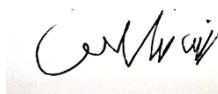
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|---|-----|----|----|----|
| 3. Uses of computer in medicine: | 100 | 60 | 20 | 20 |
| 4. dermatology and venerology | 100 | 60 | 20 | 20 |

- At least 60 % of the written exam is needed to be admitted to the oral and practical exams.
- 4 times of oral and practical exams are allowed before the student re-attend the written exam.

11- Methods of Program Evaluation:

| Evaluator (By whom) | Method/tool | Sample |
|---|--------------------------------|-------------------------|
| 1. Senior students (Students of last year) | Questionnaires | All the students |
| 2. Graduates (Alumni) | Questionnaires | 10 at least |
| 3. Stakeholders | Questionnaires | 10 at least |
| 4. External & Internal evaluators and external examiners | Reports | 2 |
| 5. Quality Assurance Unit | Reports | 3 |
| | Questionnaires | 1 |
| | Site visits | 3 |
| 6. Exams results | Results analysis Report | All the students |

Head of Department: Prof. / Sherif Shokry Awad



Annex (I)

مصفوفه توافق المعايير القومية القياسيه العامه لبرامج الماجستير مع المعايير الأكاديميه المعتمده من كلية الطب / جامعة المنيا لدرجه الدكتوراه فى الجلدية والتناسلية

Comparison between National Academic Quality Assurance & Accreditation (NAQAEE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS)

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| <p>2. المعايير القياسية العامة: NAQAAE General Academic Reference Standards "GARS" for MD Programs</p> | <p>2. Faculty Academic Reference Standards (ARS) for MD Program</p> |
| <p>2.1. المعرفة والفهم: بانتهاؤ دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا علي الفهم والدرابة بكل من:</p> | <p>2.1. Knowledge and understanding: Upon completion of the doctorate Program (MD), the graduate should have sufficient knowledge and understanding of:</p> |
| <p>2.1.1. النظريات والأساسيات والحديث من المعارف في مجال التخصص والمجالات ذات العلاقة</p> | <p>2.1.1. Theories, basics and updated knowledge in his scholarly field and related basic sciences.</p> |
| <p>2.1.2. أساسيات ومنهجيات وأخلاقيات البحث العلمي وأدواته المختلفة</p> | <p>2.1.2. Basic, methods and ethics of medical research.</p> |
| <p>2.1.3. المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص</p> | <p>2.1. 3. Ethical and medicolegal principles of medical practice.</p> |
| <p>2.1.4. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص</p> | <p>2.1. 4. Identify Principles and fundamental of quality in professional medical practice.</p> |
| <p>2.1.5. المعارف المتعلقة بآثار ممارسته المهنية على البيئة وطرق تنمية البيئة وصيانتها</p> | <p>2.1.5. Knowledge related to effects of professional practice on public health and methods of maintenance and system-based improvement of public health.</p> |
| <p>2.2. المهارات الذهنية: بانتهاؤ دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا على:</p> | <p>2.2. Intellectual skills: Upon completion of the doctorate program (MD), the graduate must be able to:</p> |

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| 2.2.1 تحليل وتقييم المعلومات في مجال التخصص والقياس عليها والاستنباط منها | 2.2.1 Analysis and evaluation of information to correlate and deduce from it. |
| 2.2.2 حل المشاكل المتخصصة استنادا على المعطيات المتاحة | 2.2.2. Problem solving skills based on analysis of available data for common health problems related to his scholarly field. |
| 2.2.3 إجراء دراسات بحثية تضيف إلى المعارف | 2.2.3. Carryout research projects related to his scholarly field. |
| 2.2.4 صياغة أوراق علمية | 2.2.4. Write and publish scientific papers. |
| 2.2.5 تقييم المخاطر في الممارسات المهنية | 2.2.5. Assess risk in professional medical practice. |
| 2.2.6 التخطيط لتطوير الأداء في مجال التخصص | 2.2.6. Establish goals, commitments and strategies for improved productivity and performance. |
| 2.2.7 اتخاذ القرارات المهنية في سياقات مهنية مختلفة | 2.2.7. Making professional decisions in different professional contexts. |
| 2.2.8 الابتكار / الإبداع | 2.2.8. Demonstrate intellectual curiosity necessary for scientific discovery and innovation through active participation in research. |
| 2.2.9 الحوار والنقاش المبني على البراهين والأدلة | 2.2.9. Using Evidence-based strategies to during discussion or teaching others. |
| 2.3. مهارات المهنية : بإنتهاء دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا على : | 2.3. Professional skills: Upon completion of the doctorate program (MD), the graduate must be able to: |

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| 2.3.1. إتقان المهارات المهنية الأساسية والحديثة في مجال التخصص | 2.3.1. Master the basic as well as modern professional practical and/or clinical skills. |
| 2.2.3. كتابة وتقييم التقارير المهنية | 2.3.2. Write and evaluate professional reports. |
| 2.3.3. تقييم وتطوير الطرق والأدوات القائمة في مجال التخصص | 2.3.3. Evaluate and improve the methods and tools in the specific field |
| 2.3.4. استخدام الوسائل التكنولوجية بما يخدم الممارسة المهنية | 2.3.4. use of technological means to serve Professional practice |
| 5.3.2. التخطيط لتطوير الممارسة المهنية وتنمية أداء الآخرين. | 2.3.5. Planning for the development of professional practice and improve of the performance of others |
| 2.4. المهارات العامة والمنتقلة: بإنتهاء دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا على : | 2.4. General and transferable skills Upon completion of the doctorate program (MD), the graduate must be able to: |
| 2.4.1. التواصل الفعال بأنواعه المختلفة | 2.4.1. Communicate (in writing and orally) effectively and respectfully with peers, faculty, colleagues, and other members of the health care team, understanding the role of consultations and referrals. |
| 2.4.2. استخدام تكنولوجيا المعلومات ب ما يخدم تطوير الممارسة المهنية | 2.4.2. Use of information technology to serve Professional Practice Development. |
| 2.4.3. تعليم الآخرين وتقييم أداءهم | 2.4.3. Demonstrate effective teaching and evaluating others. |

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| 4.2.4. التقييم الذاتي والتعلم المستمر. | 2.4.4. Self-assessment and continuous learning. |
| 2.4.5. استخدام المصادر المختلفة للحصول على المعلومات والمعارف. | 2.4.5. use physical information resources (print, analog), online (electronic, digital,) text, audio-video, book and journal to address medical questions and knowledge to sustain professional growth |
| 2.4.6. العمل في فريق وقيادة فرق العمل | 2.4.6. Work as a member in larger teams and as well as a team leader knows how to develop "teaming strategy" to plan how people will act and work together. |
| 2.4.7. إدارة اللقاءات العلمية والقدرة علي إدارة الوقت | 2.4.7. Manage of scientific meetings and the ability to manage Time effectively. |

Annex (II)

Comparison between National Academic Quality Assurance & Accreditation (NAQAAE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS) and MD Program of Dermatology and Venerology.

| 2. Faculty Academic Reference Standards (ARS) for MD Program | 2. المعايير القياسية العامة: NAQAAE General Academic Reference Standards "GARS" for MD Programs | Program ILOs |
|--|--|--|
| <p align="center">2.1. Knowledge and understanding:</p> <p>Upon completion of the doctorate Program (MD), the graduate should have sufficient knowledge and understanding of:</p> | <p align="center">2.1 المعرفة والفهم:</p> <p align="center">بانتهاء دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا علي الفهم والدراية بكل من:</p> | <p align="center">Knowledge and understanding:</p> |
| <p>2.1.1. Theories, basics and updated knowledge in his scholarly field and related basic sciences.</p> | <p align="center">2.1.1 النظريات والأساسيات والحديث من المعارف في مجال التخصص والمجالات ذات العلاقة</p> | <p>a.1. Memorize theories, basics & most of the recent advances in the field of dermatology, Venerology and the relevant sciences related to the specialty.</p> <p>a.2 Describe recent advances in etiology, clinical picture and management of dermatological diseases.</p> <p>a.3 Describe recent advances in the management and prevention of dermatological diseases.</p> <p>a.5. Quote the main scientific progress & developments in the field of dermatology, Venerology.</p> |
| <p>2.1.2. Basic, methods and ethics of medical research.</p> | <p align="center">2.1.2 أساسيات ومنهجيات وأخلاقيات البحث العلمي وأدواته المختلفة</p> | <p>a.6. Identify the basic and advanced medico-legal principles that should be applied in the practice of dermatology, Venerology.</p> |

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| 2.1. 3. Ethical and medicolegal principles of medical practice. | 2.1.3. المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص | a.8. Memorize the fundamentals and ethics of medical research. a.9 Identify the ethical aspects of conducting scientific researches in the field of Dermatology, Venerology. |
| 2.1. 4. Identify Principles and fundamental of quality in professional medical practice. | 2.1.4. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص | a.7 List professionally the basics & standards of quality assurance to ensure good practice in the field of dermatology, Venerology and andrology a.10 Identify the most recent advances in methods of infection control. |
| 2.1.5. Knowledge related to effects of professional practice on public health and methods of maintenance and system-based improvement of public health. | 2.1.5. المعارف المتعلقة بآثار ممارسته المهنية على البيئة وطرق تنمية البيئة وصيانتها | a.4. Explain the effects of the environment on the professional practice of dermatology, Venerology and the impact of such practice on it and the welfare of the society |
| 2.2. Intellectual skills: Upon completion of the doctorate program (MD), the graduate must be able to: | 2.2. المهارات الذهنية: بإنتهاء دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا على: | Intellectual skills: |
| 2.2.1 Analysis and evaluation of information to correlate and deduce from it. | 2.2.1. تحليل وتقييم المعلومات في مجال التخصص والقياس عليها والاستنباط منها | b.1. Appraise & interpret relevant advanced information, morphological features and correlate them with essential |

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| | | clinical data to reach a final diagnosis b.4. Identify the role of dermatopathology in clinicopathologic correlation. |
| 2.2.2. Problem solving skills based on analysis of available data for common health problems related to his scholarly field. | 2.2.2. حل المشاكل المتخصصة استنادا على المعطيات المتاحة | b.2. Articulate problems in spite of lack of some data through the approach of investigative & analytical thinking by giving a list of differential diagnosis for further advanced investigations. b.3. Correlate different knowledge & relevant information to reach a final diagnosis. |
| 2.2.3. Carryout research projects related to his scholarly field. | 2.2.3. إجراء دراسات بحثية تضيف إلى المعارف | b.5. Carry out a scientific research study and acquire the advanced skills of analysis & interpretation of results and solve problems |
| 2.2.4. Write and publish scientific papers. | 2.2.4. صياغة أوراق علمية | b.8. Demonstrate the skills of critical appraisal by presenting a case-study or review in one of the common problems in dermatology, Venerology. |
| 2.2.5. Assess risk in professional medical practice. | 2.2.5. تقييم المخاطر في الممارسات المهنية | b.6. Evaluate then manage efficiently potential risks that may arise during the practice of pathology in different clinical situations like handling and processing of specimens as well as during performing different essential techniques. |
| 2.2.6. Establish goals, commitments and strategies for | 2.2.6. التخطيط لتطوير الأداء في مجال التخصص | b.7. Plan for the development of acquisition of skills of advanced & modern pathological |

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|---|---|--|
| improved productivity and performance. | | laboratory techniques as well as principals of surgical histopathology. |
| 2.2.7. Making professional decisions in different professional contexts. | 2.2.7. اتخاذ القرارات المهنية في سياقات مهنية مختلفة | b.9 Modify plans that reflects the skills of decision-making in different situations in the field of dermatology, Venerology. |
| 2.2.8. Demonstrate intellectual curiosity necessary for scientific discovery and innovation through active participation in research. | 2.2.8. الابتكار / الإبداع | b.7. Plan for the development of acquisition of skills of advanced & modern pathological laboratory techniques as well as principals of surgical histopathology. |
| 2.2.9. Using Evidence-based strategies to during discussion or teaching others. | 2.2.9. الحوار والنقاش المبني على البراهين والأدلة | b.10. develop ability to argue on possible theory upon the experiment and conduct a talk based on medical based evidence in dermatology and venerology related diseses and health problem. |
| 2.3. Professional skills: Upon completion of the doctorate program (MD), the graduate must be able to: | 2.3. مهارات المهنية بإنتهاء دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا على: | Professional skills: |
| 2.3.1. Master the basic and some advanced professional skills in his scholarly field. | 2.3.1. إتقان المهارات المهنية الأساسية والحديثة في مجال التخصص | c.1. Outline the basic structure and function of different microbes. c.2. Practice efficiently advanced and modern histological procedures & techniques. c.3 Explain the recent pathogenesis, laboratory |

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| | | <p>diagnosis and management of dermatological diseases and infections (bacteria, viruses and fungi).</p> <p>c.4. Define the role of the immune system in health and disease.</p> <p>c.5. Mention different types of dermatological neoplasms and how to manage.</p> <p>c.6. Relate dermatological findings to different systemic diseases.</p> <p>c.7. Correlate pathological findings to clinical findings to find out the diagnosis.</p> |
| 2.3.2. Write and evaluate medical or scientific reports | 2.2.3. كتابة وتقييم التقارير المهنية | c. 12 Write competently and evaluate the medical reports. |
| 2.3.3. Assess and evaluate technical tools during research | 2.3.3. تقييم وتطوير الطرق والأدوات القائمة في مجال التخصص | c.8. Perceive & improve and create current methods and tools existing in practical, laboratory & dermatology, Venerology. |
| 2.3.4. use of technological means to serve Professional practice | 2.3.4. استخدام الوسائل التكنولوجية بما يخدم الممارسة المهنية | c.10 Use microscope to reach pathological diagnosis in the field of dermatopathology. c.13. Perform competently all lab. procedures considered essential for Dermatology, Venerology related conditions. |
| 2.3.5. Planning for the development of professional practice and | 2.3.5. التخطيط لتطوير الممارسة المهنية وتنمية أداء الآخرين. | c.11. Teach others in the lab regarding the basics of essential techniques and issues related to |

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| improve of the performance of others | | maintain safety and maintenance of available resources. |
| 2.4. General and transferable skills Upon completion of the doctorate program (MD), the graduate must be able to: | 2.4. المهارات العامة والمنتقلة: بانتهاج دراسة برنامج الدكتوراه يجب أن يكون الخريج قادرا على : | General and transferable skills |
| 2.4.1. Communicate (in writing and orally) effectively and respectfully with peers, faculty, colleagues, and other members of the health care team, understanding the role of consultations and referrals. | 2.4.1. التواصل الفعال بأنواعه المختلفة | d.6. Communicate effectively with other health care professionals to maximize patient benefits and minimize the risk of errors. |
| 2.4.2. Use of information technology to serve Professional Practice Development. | 2.4.2. استخدام تكنولوجيا المعلومات ب ما يخدم تطوير الممارسة المهنية | d.1. Use database to collect material needed for research. |
| 2.4.3. Demonstrate effective teaching and evaluating others. | 2.4.3. تعليم الآخرين وتقييم أداءهم | d.8. Show concern and effectively deal with unethical behavior of other members of healthcare team. |
| 2.4.4. Self-assessment and continuous learning. | 2.4.4. التقييم الذاتي والتعلم المستمر. | d.7. Be aware of the importance of life-long self-learning and show a strong commitment to it. |
| 2.4.5. use physical information resources (print, analog), online (electronic, digital,) text, audio-video, book and journal to address medical questions and knowledge to sustain professional growth | 2.4.5. استخدام المصادر المختلفة للحصول على المعلومات والمعارف. | d.2. Organize material from various sources (including library, electronic and online resources). |

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| <p>2.4.6. Work as a member in larger teams and as well as a team leader knows how to develop "teaming strategy" to plan how people will act and work together.</p> | <p>2.4.6. العمل في فريق وقيادة فرق العمل</p> | <p>d.4. Show respect to all patients irrespective of their socioeconomic levels, culture or religious beliefs and use language appropriate to the patient's culture d.8. Show concern and effectively deal with unethical behavior of other members of healthcare team.</p> |
| <p>2.4.7. Manage of scientific meetings and the ability to manage Time effectively.</p> | <p>2.4.7. إدارة اللقاءات العلمية والقدرة علي إدارة الوقت</p> | <p>d.5 Express medicolegal problems to assist in their solving according to medical ethics.</p> |

(Annex III)

Matrix of coverage of program ILOs by program courses

| Program Courses Title | Intended Learning Outcomes (ILOs) | | | |
|---|-----------------------------------|-----------|--------------|-----------------|
| | A | B | C | D |
| 1. Histopathology and mycology | 4 | 2-3-4-5 | 2-7-10-12 | 1-2 |
| <u>2. Research design & methodology:</u> | 1-2-3-4-5 | 1-2-3-4 | 1-2 | 1-2 |
| <u>3. Uses of computer in medicine:</u> | 1-2-3-4-5 | 1-2-3-4 | 1-2 | 1-2 |
| 4. dermatology and venerology | 1-2-3-4-5-7 | 1-2-3-7-8 | 1-3-4-5-6-10 | 1-2-3-4-5-6-7-8 |

(Annex IV)

Matrix of Coverage of Program ILOs by Methods of learning and teaching

| Methods of Teaching & Learning | Intended Learning Outcomes (ILOs) | | | |
|--|--|--------------------------|-----------------------------------|------------------------|
| | A | B | C | D |
| Lecture | 1-2-3-4-5-6-7-8-9-10 | 1-2-3-4-5-6-7-8-9 | | |
| Practical | | | 1-2-3-4-5-6-7-8-9-10-11-12 | |
| Assignment | | | | 1-2-3-4-5-6-7-8 |
| Attending and participating in scientific | 1-2-3-4-5-6-7-8-9-10 | 1-2-3-4-5-6-7-8-9 | | 1-2-3-4-5-6-7-8 |

| | | | | |
|----------------------------------|--|--|--|--|
| conferences, workshop | | | | |
|----------------------------------|--|--|--|--|

(Annex V)

Matrix of Coverage of Program ILOs by Methods of assesment

| Method of assessment | The assessed ILOs |
|---|---|
| 1-Research (Thesis) | a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 b.2 b.5 b.8 b.9 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 d.9 d.10 d.11 d.12 |
| 2-Written Exams: a-Short essay b-Problem solving c- MCQs | a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 |
| 3-Practical Exams | c.1 c.2 c.3 c.4 c.5 c.6 c.7 c.8 c.9 c.10 |
| 4- Oral Exams | a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 |
| 5. Log book | a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 c.1 c.2 c.3 c.4 c.5 c.6 c.7 c.8 c.9 c.10 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 |

Head of Department: Prof. / Sherif Shokry Awad



Courses specifications

1- Course Specification of Histopathology and mycology (doctorate degree of Dermatology and Venerology)

UniversityMinia Faculty Medicine...

1. Program on which the course is given: Master degree of Dermatology, Venerology and andrology
2. Major or minor element of program: Major
3. Department offering the program: Dermatology and Venerology
4. Department offering the course: Dermatology and Venerology
5. Academic year / Level: first part
6. Date of specification last update approval: 3-2023

A. Basic Information

Title: Course Specification of Histopathology and mycology (Master degree of Dermatology, Venerology and andrology)

| Lecture/ hours | Tutorial: | Practical | Total |
|-------------------|-----------|-----------|--------|
| 48 hr. | 24 hr. | 24 hr. | 96 hr. |

B. Professional Information

1. **Over all aim of the program:**

To deliver an advanced knowledge in Dermatopathology and hence the candidate can recognize a wide range of Dermatopathological diagnosis and to establish an advanced skill of the candidates for diagnosis of a wide range of dermatological disorders.

To deliver an advanced knowledge in in mycology and hence the candidate can diagnose and manage variety of fungal skin infections.

2. **Intended Learning Outcomes of Courses (ILOs)**

A. Knowledge and Understanding:

A1. Mention the recent advances in the normal structure and function of the skin

A2. Recognize dermatopathological findings in dermatological diseases

A3 Understand the techniques of dermatopathological diagnostic methods.

A4. Demonstrate scientific development in the field of dermatopathology.

A.5. identify variable skin fungal infection and how to reach diagnosis and describe proper management.

B. Intellectual Skills

- b1. Interpret data acquired through history taking to reach a provisional diagnosis for dermatological problems.
- b2. Select from different diagnostic alternatives the ones that help reaching a final diagnosis in dermatological diseases and fungal infections.
- b3. Plan to improve performance in the field of dermatopathology
- b4. Identify general dermatological problems and find solutions.
- b5. Analyze reading of research and issues related to Dermatopathology and mycology.
- B6. Correlate dermatopathological to clinical finding to reach out the diagnosis.

C. Professional and Practical Skills

- c1. Apply the basic and modern professional skills in the area of Dermatopathology and mycology
- c2. Write and evaluate histopathological reports.
- c3. Assess of methods and tools existing in the area of dermatology and mycology

D. General and transferable Skills

- d1. Communicate effectively by all types of effective communication.
- d2 Use microscope to examine pathological slide.
- d3. Use information technology to serve the development of professional practice
- d4. Use different sources to obtain information and knowledge.
- d5. Develop rules and indicators for assessing the performance of others.
- d6. Work in a team, and team's leadership in various professional contexts.
- d7. Manage time effectively.

3.Course content

| Topic | Lecture Hours | Practical/Clinical hours | Total No. of hours |
|---|---------------|--------------------------|--------------------|
| ☒ Module 1: Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology). | 2 | 2 | 4 |
| ☒ Module 2: Histopathology of the Skin: General Principles | 4 | 4 | 8 |
| ☒ Module 3: Papulosquamous, eczematous and lichenoid | 8 | 8 | 16 |
| ☒ Module 4: Urticarias, erythemas , purpuras and vasculitis. | 6 | 6 | 12 |
| ☒ Module5: Bacterial Infections, Mycobacterial Infections | 4 | 4 | 8 |
| ☒ Module6: Viral infection, Fungal infection | 2 | 2 | 4 |
| ☒ Module 7: Blistering disorder | 6 | 6 | 12 |
| ☒ Module 8: Disorders of the Sebaceous Glands, Disorders of Sweat Glands | 2 | 2 | 4 |

| | | | |
|--|----|----|-----|
| ☒ Module 9: Disorder of hair and nail | 2 | 2 | 4 |
| ☒ Module 10: Connective Tissue Diseases, Neutrophilic Dermatoses and Related Disorders | 4 | 4 | 8 |
| ☒ Module11: Disorders of Skin Color, Metabolic and Nutritional Disorders | 2 | 2 | 4 |
| ☒ Module 12: Tumors | 6 | 6 | 12 |
| Module 13: mycology | 12 | 6 | 18 |
| Total (hours) | 60 | 54 | 114 |

3. Teaching and Learning Methods

4.1- Lectures

4.2- Practical lessons

- Histopathology sessions
- Interactive clinico-pathological sessions
- Different mycological skin Lab investigation techniques sessions
- challenging pathology cases sessions

4.3- Assignment

3.4 attending and participating in scientific conferences, workshop

4. Student Assessment Methods

5.1 final written exam to assess Knowledge, understanding and intellectual skills.

5.2 final oral exam to assess understanding and intellectual skills

5. Assessment schedule

Assessment 1: Final written exam week: 21-22

Assessment 2: Oral exam week: 22-23

6. Weighting of Assessments

| | |
|------------------------|-----|
| Final-term Examination | 60% |
| Oral Examination. | 20% |
| Practical examination | 20% |

7. List of References

- A. Course Notes/handouts Department notes, lectures and handouts
- B. Essential Books - Rooks Textbook of Dermatology, 9E 2016 4 Volume Set
 - Weedon's Skin Pathology 3rd ed - D. Weedon (Churchill Livingstone, 2010)
 - Lever's Dermatopathology: Histopathology of the Skin
 - McKee's Pathology of Skin 4th Ed
- C. Recommended Text Books - Synopsis of Dermatopathology
 - Atlas of Dermatopathology: Synopsis and Atlas of Lever's Histopathology of the Skin, 2020
- D. Periodicals, websites
 - Journal of American Academy of Dermatology
 - British Journal of Dermatology.
 - International Journal of Dermatology.
 - Archives of Dermatology.
 - British Journal of Dermatology and Venerology.

<http://www.ncbi.nlm.nih.gov/>
<http://www.webpath.com/>
<http://www.aacr.org/>
<http://www.uscap.org/>
<http://www.ascp.org/>
<http://www.freebooks4doctors.com/>
<http://www.pubmed.gov/>
<http://www.medscape.com/>
<http://emedicine.medscape.com/oncology>
http://www.geocities.com/jcprolla/cytopathology_diagnoses.html
<http://path.upmc.edu/cases/index.html>
<http://web.med.unsw.edu.au/pathology/Pathmus/pathmus.htm#InteractiveImages>

Course Coordinator/

Dr. Eman Saad Abdelazim

Head of Department:

Prof. Dr. Sherif Shokry Awad



Date of last update & approval by department Council: 3/2023

| | |
|-------------------------|-------------|
| Dermatopathology | مسمى المقرر |
| DV100 | كود المقرر |

جامعة/أكاديمية : المنيا
كلية / معهد: الطب البشري
قسم/ الجلدية والتناسلية

A. Matrix of Coverage of Course ILOs By Contents

| Contents (List of course topics) | Intended Learning | | | |
|---|------------------------------|------------------------|------------------------------------|----------------------------------|
| | Outcomes (ILOs) | | | |
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology). | 1-3 | | | 1-6-7 |
| Histopathology of the Skin: General Principles | 1-3 | 1-2-4 | | 1-6-7 |

| | | | | |
|---|--------------|--------------|------------|--------------|
| Papulosquamous and eczematous dermatoses | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Urticarias, erythemas and purpuras | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Bacterial Infections, Mycobacterial Infections | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Viral infection, Fungal infection | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Blistering disorder | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Disorders of the Sebaceous Glands, Disorders of Sweat Glands | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Disorder of hair and nail | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| Connective Tissue Diseases, Vasculitis, | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |

| | | | | |
|---|--------------|----------------|------------|--------------|
| Neutrophilic Dermatoses and Related Disorders | | | | |
| Disorders of Skin Color, Metabolic and Nutritional Disorders | 2-3-4 | 1-2-4-6 | 1-2 | 1-6-7 |
| Tumors | 2-3-4 | 1-2-6 | 1-2 | 1-6-7 |
| mycology | 1-5 | 1-2-5 | 1-3 | 2-3-4 |
| Total | 68 | | | |

B. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

| Methods of Teaching & Learning | Intended Learning Outcomes (ILOs) | | | |
|---|--|-------------------------------|---|---|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| | Lecture | 1-2-3-4-5 | 1-2-3-4-5-6 | |
| Practical | | 1-2-5-6 | 1-2-3 | 1-2-3-5-6 |
| Assignment | | 3-4-5 | 1-3 | 1-4-5-6 |

C. Matrix of Coverage of Course ILOs by Methods of Assessment

| Intended Learning Outcomes (ILOs) | | | | |
|--|-------------------------------|---|---|-------------|
| | | | | |
| A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills | |
| A | B | C | D | |
| n | 1-2-3-4-5 | 1-2-3-4-6 | | |
| m | 2-3-4-5 | 1-2-4-6 | 1-3 | 1-3-4-6 |
| | 1-2-3-4-5 | 1-2-4-5 | 1-2-3 | 1-2-3-4-5-6 |

Blueprint of Dermatology and Venerology Department

Blueprint of Histopathology and Mycology (postgraduates, first part) Examination Paper

| Topic | Hour | % of topic | Total No. of items | Written exam (100 marks) | | Marks (percentages) | Modified marks (Percentages) |
|---|------|------------|--------------------|--------------------------|--------------|---------------------|------------------------------|
| | | | | Knowledge | Intellectual | | |
| Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology). | 2 | 3.33% | 1 | 1 | | 3 | 2.5 |
| Histopathology of the Skin: General Principles | 4 | 6.67% | 3 | 2 | 1 | 7 | 5 |
| Papulosquamous , eczematous and lichenoid | 8 | 13.3% | 7 | 5 | 2 | 13 | 15 |
| Urticarias, erythemas , purpuras and vasculitis | 6 | 10% | 5 | 3 | 2 | 10 | 10 |
| Bacterial Infections, Mycobacterial Infections | 4 | 6.67% | 3 | 2 | 1 | 7 | 7.5 |
| Viral infection, Fungal infection | 2 | 3.3% | 2 | 1 | 1 | 3 | 5 |
| Blistering disorder | 6 | 10% | 5 | 4 | 1 | 10 | 7.5 |
| Disorders of the Sebaceous Glands, Disorders of Sweat Glands | 2 | 3.3% | 2 | 1 | 1 | 3 | 2.5 |
| Disorder of hair and nail | 2 | 3.3% | 1 | 1 | | 3 | 2.5 |

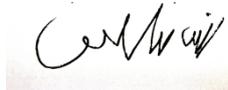
| | | | | | | | | |
|--|-----------|--------------|-----------|----------|----------|-----------|-----------|-------------|
| Connective Tissue Diseases, Neutrophilic Dermatoses and Related Disorders | 4 | 6.67% | | | | | | |
| | | | 3 | 2 | 1 | 7 | 5 | |
| : Disorders of Skin Color, Metabolic and Nutritional Disorders | 2 | 3.3% | | | | | | |
| | | | 2 | 1 | 1 | 3 | 7.5 | |
| Tumors | 6 | 10% | 5 | 3 | 2 | 5 | 5 | |
| mycology | 12 | 20% | 10 | 7 | 3 | 20 | 25 | |
| Total | 60 | 100% | | | | | | 100% |

Course Coordinator/s:

Dr. Prof. Eman Saad Abdelazim

Head of Department:

Prof. Dr. Sherif Shokry Awad



2. Course specification of:

**“Medical Statistics and Research Methodology”
In MD degree**

University: Minia

Faculty: Medicine

Department offering the course: Public health and preventive medicine department

Department offering the programme: dermatology and venereology.

Programme(s) on which the course is given: First part MD for all postgraduates

Academic year/ Level: First part of MD

| 1. Course Information | | |
|--|--|------------------------|
| Academic Year/level: First part MD | Course Title: Medical Statistics and Research Methodology | Code: DV 100 |
| <i>Number of teaching hours:</i> <i>- Lectures: 30 hours</i> <i>- Practical/clinical: 15 hours</i> <i>- Total: 45 hours</i> | | |
| 2. Overall Aims of the course | By the end of the course the student must be able to: 1. Gain skills necessary for proper practice in the field of Research Methods including diagnostic, problem solving and decision making skills. 2. Apply ethical principles of scientific research with good awareness about patient’s rights. 3. Use precisely the research methodology in researches 4. Influence the students to adopt an analytical | |

| | |
|---|---|
| | <p>thinking for evidence-based medicine</p> <p>5. Enable graduate students to use statistical principles to improve their professional work and develop the concept of critical interpretation of data</p> <p>6. To use precisely computer programs SPSS, Epi Info and Excel in data analysis</p> |
| <p>3. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p> | |
| <p>A. Knowledge and understanding</p> | <p>A.1. Define terms of research methodology.</p> <p>A.2. Describe the spectrum of research methodology.</p> <p>A.3. Explain the strategies and design of research.</p> <p>A.4. Describe the study design, uses, and limitations.</p> <p>A.5. Explain evidence-based Medicine</p> <p>A.6. Define causation and association.</p> <p>A.7. Tell the principles and fundamentals of ethics.</p> <p>A.8. Describe the different sampling strategies</p> <p>A.9. Summarize the advantages and disadvantages of different sampling strategies</p> <p>A.10. Summarize different methods of sample size calculation</p> <p>A.11. Recognize the sources and the recent methods in data collection and analysis.</p> <p>A.12. Identify the types of variables</p> <p>A.13. Identify types of tabular and graphic presentation of data</p> <p>A.14. Describe the normal curves and its uses</p> <p>A.15. Identify the characters of normal distribution curve</p> <p>A.16. Identify measures of central tendency and measures of dispersion</p> <p>A.17. Explain regression analysis, its use and differentiate its types</p> <p>A.18. Define the screening tests pertinent to selected diseases and the at-risk approach in the application of screening tests</p> |

| | |
|---|--|
| | A.19. Explain the usefulness of screening tests |
| B. Intellectual Skills | <p>B.1. Apply research methods to different community health problems.</p> <p>B.2. Apply appropriate research strategies for use.</p> <p>B.3. Select appropriate research methods.</p> <p>B.4. Teach and advocate appropriately in the research design.</p> <p>B.5. Describe the normal curves</p> <p>B.6. Describe and summarize data</p> <p>B.7. Select the proper test of significance for a specific data.</p> <p>B.8. Interpret selected tests of significance and the inferences obtained from such tests</p> |
| C. Professional and Practical Skills | <p>C.1. Plan a research proposal for community diagnosis.</p> <p>C.2. Design questionnaires.</p> <p>C.3. Conduct research.</p> <p>C.4. Judge association and causation.</p> <p>C.5. Criticize for bias and confounding factors</p> <p>C.6. Design data entry file</p> <p>C.7. Validate data entry</p> <p>C.8. Manage data files</p> <p>C.9. Construct tables and graphs</p> <p>C.10. Calculate different samples sizes</p> <p>C.11. Calculate measures of central tendency and measures of dispersion</p> <p>C.12. Calculate sensitivity, specificity, and predictive values</p> |
| D. General and transferable Skills | <p>D.1. Lead a research team to conduct a specific study.</p> <p>D.2. Take part and work coherently with his associates to in research.</p> <p>D.3. Write scientific papers.</p> <p>D.4. Appraise scientific evidence</p> <p>D.5. Analyze and interpret data</p> <p>D.6. Use standard computer programs for statistical analysis effectively</p> |

| 4. Course Contents | | | |
|--|---|----------------|----------------------------|
| Topic | No. of hours | Lecture | Tutorial/ Practical |
| Research methods | | | |
| Introduction : - Introduction to research. - Terminology and Rationale - Originality | | 3 | |
| - Study design : -Cross sectional study and the prevalence rate -Cohort study, incidence rate, relative & attributable risk -Case-control study, Odd's ratio sampling -Experimental study and clinical trials | | 4 | |
| - Sources of Errors in Medical Research - Bias and confounding and its Control. | | 3 | |
| - Validity and reliability | | 2 | |
| - The questionnaire design | | 2 | |
| - Writing the Research Paper or Manuscript - Protocol Writing | | 2 | 2 |
| - Critic technique for the literature review | | 2 | 2 |
| - Association and causation | | 1 | |
| - Evidence -based approach in medical practice | | 2 | 1 |
| - Ethics of medical research | | 2 | |
| Statistics | | | |
| Sampling | | 1 | |
| Introduction to Sample Size Calculation | | 1 | 1 |
| Data presentation | | 1 | 1 |
| Tests of significance | | 2 | |
| Introduction to SPSS | | 1 | 1 |
| Proportion test | | | 1 |
| Chi-square test | | | 1 |
| Student T test, Paired T test | | | 1 |
| ANOVA test | | | 1 |
| Correlation (simple and multiple) | | | 1 |
| Regression | | | 1 |
| Screening | | 1 | 1 |
| Total | | 30 | 15 |
| 5. Teaching and Learning Methods | Since COVID-19 pandemic, blended learning approach was adopted that mixes virtual face-to-face interaction activities with the | | |

| | |
|--|--|
| | <p>online learning. 60% of study method is offline and 40% of study is online</p> <p>Online learning materials are available at Minia University site</p> <ul style="list-style-type: none"> ▪ Lectures: Face to face lectures, Pre-recorded video lectures ▪ Practical lessons ▪ Assignment ▪ Online quizzes |
| 6. Teaching and Learning Methods for students with limited Capacity | <ul style="list-style-type: none"> ● Outstanding student rewarded certificate of appreciation due to high level of achievement ● Limited students divided into small group to make learning more effective |
| 7. Student Assessment | |
| D. Student Assessment Methods | <p>7.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>7.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>7.3- Practical Exams: to assess practical skills, intellectual skills.</p> <p>7.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>7.5- Structured oral exams: to assess knowledge.</p> |
| E. Assessment Schedule (Timing of Each Method of Assessment) | <p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> |

| | |
|--|---|
| | Assessment 3: Practical exam week: 24-28 |
| F. Weighting of Each Method of Assessment | <ul style="list-style-type: none"> - Final Written Examination 100% - Oral Examination 100% - Practical Examination 100% - Total 100% |
| 8- List of References | |
| A. Course Notes/handouts | - Department notes, lectures and handouts |
| B. Essential Books | - The Lancet Handbook of Essential Concepts in Clinical Research |
| C. Recommended Textbooks | <p><u>Research methods:</u></p> <ul style="list-style-type: none"> - Introducing Research Methodology; A Beginner's Guide to Doing a Research Project - Understanding Clinical Research, Renato Lopes and Robert Harrington; ISBN-10: 0071746781 ISBN-13: 978-0071746786 - Users' guides to the medical literature: a manual for evidence-based clinical practice: Guyatt, G., D. Rennie, M. Meade and D. Cook (2002), AMA press Chicago. - Research Methods in Community Medicine: Surveys, Epidemiological Research, Programme Evaluation, Clinical Trials, 6th Edition Joseph Abramson, Z. H. Abramson <p><u>Computer:</u></p> <ul style="list-style-type: none"> - Discovering statistics using IBM SPSS statistics, Field, A. (2013). sage. |

| | |
|---------------------------------|--|
| | <ul style="list-style-type: none"> - Medical Statistics: A Guide to SPSS, Data Analysis and Critical Appraisal, Belinda Barton, Jennifer Peat - 2nd Edition Everitt, Brian S. - Medical statistics from A to Z: a guide for clinicians and medical students. Cambridge University Press, 2021. - Bowers, David. Medical statistics from scratch: an introduction for health professionals. John Wiley & Sons, 2019. - Aviva, P. (2005): Medical Statistics at a Glance, Blackwell Company, 2nd , ed., Philadelphia |
| D. Periodicals, websites | <ul style="list-style-type: none"> - https://phrp.nihtraining.com/users/login.php - http://www.jhsph.edu/ - Journal of Biomedical Education - https://lagunita.stanford.edu/courses/Medicine/MedStats-SP/SelfPaced/about?fbclid=IwAR3nfirLM4wnuEqqUjLjk8TCR7lzPdnpGqwin06L-GjFq32a62w3j6R5s9c |

○ **Course Coordinators:**

➤ **Coordinators:**

Lecturers: Dr / Chrestina Monir, Dr Shaimma Mahmoud

Head of Department:

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13 /5/2013.

Date of last update & approval by department council: 6 / 3 / 2023

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نموذج رقم (11)

| | |
|--|-------------|
| Medical Statistics and Research Methodology | مسمى المقرر |
| CM 100 | كود المقرر |

جامعة/أكاديمية : المنيا

كلية / معهد: الطب

قسم: الصحة العامة والطب الوقائي

Matrix of Coverage of Course ILOs By Contents

| Contents (List of course topics) | W e e k N o . | Intended Learning Outcomes (ILOs) | | | |
|--|---------------------------------|-----------------------------------|------------------------|------------------------------------|----------------------------------|
| | | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | | A | B | C | D |
| Introduction : - Introduction to research. - Terminology and Rationale - Originality | | A.1, A.2, | | | |
| - Study design : -Cross sectional study and the prevalence rate -Cohort study, incidence rate, relative & attributable risk -Case-control study, Odd's ratio sampling -Experimental study and clinical trials | | A.3, A.4, | B.1, B.2, B.3, B.4, | C.1, | |
| - Sources of Errors in Medical Research | | | B.3, | C.5 | |

| | | | | | |
|--|--|----------------|----------|---------------|---------------|
| - Bias and confounding and its Control. | | | | | |
| - Validity and reliability | | | | | |
| - The questionnaire design | | | | C.2, | |
| - Writing the Research Paper or Manuscript - Protocol Writing | | | B.3, | C.3, | D.1, D.2, D.3 |
| - Critic technique for the literature review | | | | | |
| - Association and causation | | A.6, | | C.4, | |
| - Evidence - based approach in medical practice | | A.5, | | | |
| - Ethics of medical research | | A.7 | | | |
| <u>Statistics</u> | | | | | |
| Sampling | | A.8, A.9, A.11 | | | D.4 |
| Introduction to Sample Size Calculation | | A.10 | | C.10 | D.4 |
| Data presentation | | A.13, A.14 | B.6 | C.9 | D.4 |
| Tests of significance | | A.15, A.16 | B.5 | C.11 | D.4 |
| Introduction to SPSS | | A.12 | B.6 | C.6, C.7, C.8 | D.5, D.6 |
| Proportion test | | A.11 | B.7, B.8 | | D.5, D.6 |
| Chi-square test | | A.11 | B.7, B.8 | | D.5, D.6 |

| | | | | | |
|--|--|------------|---------|------|----------|
| Student T test, Paired T test | | A.11 | B.7, B8 | | D.5, D.6 |
| ANOVA test | | A.11 | B.7, B8 | | D.5, D.6 |
| Correlation (simple and multiple) | | A.11 | B.7, B8 | | D.5, D.6 |
| Regression | | A.17 | B.7, B8 | | D.5, D.6 |
| Screening | | A.18, A.19 | B.7, B8 | C.12 | D.4 |

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

| Methods of Teaching & Learning | Intended Learning Outcomes (ILOs) | | | |
|--------------------------------|---|--|---|----------------------------------|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Lecture | A.1, A.2, A.3, A.4, A.5, A.6, A.7, A.8, A.9, A.10, A.11, A.12, A.13, A.14, A.15, A.16, A.17, A.18 | B.1, B.2, B.3, B.4, B.5, B.6, B.7, B.8 | | |
| Practical | | | C1, C.3, C4, C.5, C.6, C.7, C.8, C.9, C.10, C11, C.12 | |
| Assignment | A.11, A.13, A.18 | B.7, B.8 | C.2, C.6, C.8, C.9, C.10, C.12 | D.1, D.2., D.4, D.5, D.6 |

Matrix of Coverage of Course ILOs by Methods of Assessment

| Methods of Assessment | Intended Learning Outcomes (ILOs) | | | |
|--|---|-------------------------|--|----------------------------------|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Written paper based exam | A.3, A.4, A.5, A.6, A.7, A.8, A.9, A.14, A.15, A16, A18 | B.3, B.5, | | |
| Practical exam (Statistical exam) | | | C.1, C.2, C.5, C.6, C.7,C.8, C.9, C.10, C.11, C.12 | |
| Oral exam | A.10, A11, A.12, A13, A.15, A.16, A.17, A18 | B.1, B.2, B.6, B.7, B.8 | | D.1, D.2, D.5, D.6 |

Test blueprint for Research methodology course

| Topic | Hour | % of topic | Total No. of items | Written exam (100 marks) | | Marks (percentages) | M (Pe |
|---|------|------------|--------------------|--------------------------|--------------|---------------------|-------|
| | | | | Knowledge | Intellectual | | |
| Research | | | | | | | |
| Introduction: - Introduction to research. - Terminology and Rationale - Originality | 3 | 10% | 5 | 4 | 1 | 7% | |
| - Study design | 4 | 13.3% | 8 | 3 | 5 | 17% | |
| - Sources of Errors in Medical Research - Bias and confounding and its Control. | 3 | 10% | 4 | 2 | 2 | 13% | |
| - Validity and reliability | 2 | 6.67% | 3 | 2 | 1 | 7% | |
| - The questionnaire design | 2 | 6.67% | 3 | 1 | 2 | 5% | |
| - Writing the Research Paper or Manuscript - Protocol Writing | 2 | 6.67% | 4 | 1 | 3 | 13% | |
| - Critic technique for the literature review | 2 | 6.67% | 2 | 1 | 1 | 7% | |
| - Association and causation | 1 | 3.33% | 3 | 2 | 1 | 7% | |
| - Evidence -based approach in medical practice | 2 | 6.67% | 1 | 1 | | 3% | |
| - Ethics of medical research | 2 | 6.67% | 2 | 2 | | 3% | |
| Statistics | | | | | | | |
| Sampling | 1 | 3.33% | 2 | 1 | 1 | 4% | |

| | | | | | | | |
|---|-----------|-------------|---|---|---|----|--|
| Introduction to Sample Size Calculation | 1 | 3.33% | 1 | 1 | | 2% | |
| Data presentation | 1 | 3.33% | 3 | 2 | 1 | 5% | |
| Tests of significance | 2 | 6.67% | 2 | 1 | 1 | 8% | |
| Introduction to SPSS | 1 | 3.33% | 1 | 1 | | 3% | |
| Screening | 1 | 3.33% | 2 | 1 | 1 | 3% | |
| Total | 30 | 100% | | | | | |

3.Course specification of :

**“Use of Computer in Medicine”
in MD degree**

University: Minia

Faculty: Medicine

Department offering the course: Public health and preventive medicine department

Department offering the programme: dermatology and venereology.

Programme(s) on which the course is given: First part MD for all postgraduates

Academic year/ Level: First part of MD

| 1. Course Information | | |
|--|--|------------------------|
| Academic Year/level: First part MD | <i>Course Title:</i> Use of Computer in Medicine | Code: DV 100 |
| <ul style="list-style-type: none">● <i>Number of teaching hours:</i><ul style="list-style-type: none">- <i>Lectures: 20 hours</i>- <i>Practical/clinical: 10 hours</i>- <i>Total: 30 hours</i> | | |
| 2. Overall Aims of the course | <i>By the end of the course the student must be able to:</i> <ol style="list-style-type: none">1. Recognize knowledge about the software and their applications in Medicine2. Gain skills necessary for using and managing health care information systems | |
| 3. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i> | | |
| A. Knowledge and understanding | A.1. Define each part of computer hardware and its function | |

| | | | |
|---|--|----------------|----------------------------|
| | <p>A.2. Have a basic understanding of various computer applications in medicine - for instruction, information managing, and computer based medical record, etc.</p> <p>A.3. Define telemedicine and its importance</p> <p>A.4. Recognize importance of health information technology in improvement of healthcare</p> <p>A.5. Describe electronic medical records and obstacles facing it</p> <p>A.6. Identify the concept of big data analysis</p> | | |
| B. Intellectual Skills | <p>B.1. Criticize adoption of telemedicine</p> <p>B.2. Discover factors constraining adoption of telemedicine</p> | | |
| C. Professional and Practical Skills | <p>C.1. Design framework for understanding of health information system performance</p> | | |
| D. General and transferable Skills | <p>D.1. Utilize computers in conducting research</p> <p>D.2. Appraise adoption of telemedicine</p> <p>D.3. Discover skills to carry out the process of improving health information system performance</p> | | |
| 4. Course Contents | | | |
| Topic | No. of hours | Lecture | Tutorial/ Practical |
| Use of Computer in Medicine | | | |
| General concepts | 6 | 4 | 2 |
| Introduction to Microsoft PowerPoint | | | |
| Health Information Systems (HIS) | 6 | 4 | 2 |
| Telemedicine | 6 | 4 | 2 |
| Software Used in the Health Care | 6 | 4 | 2 |
| Big Data Analysis in Health | 6 | 4 | 2 |
| Total | 30 | 20 | 10 |

| | |
|--|--|
| 5. Teaching and Learning Methods | <p>Since COVID-19 pandemic, blended learning approach was adopted that mixes virtual face-to-face interaction activities with the online learning. 60% of study method is offline and 40% of study is online</p> <p>Online learning materials are available at Minia University site</p> <ul style="list-style-type: none"> ▪ Lectures: Face to face lectures, Pre-recorded video lectures ▪ Practical lessons ▪ Assignment ▪ Online quizzes |
| 6. Teaching and Learning Methods for students with limited Capacity | <ul style="list-style-type: none"> • Outstanding student rewarded certificate of appreciation due to high level of achievement • Limited students divided into small group to make learning more effective |
| 7. Student Assessment | |
| A. Student Assessment Methods | <p>7.1- Research assignment: to assess general transferable skills, intellectual skills.</p> <p>7.2- Written exams:</p> <ul style="list-style-type: none"> • Short essay: to assess knowledge. • Commentary: to assess intellectual skills. <p>7.3- Practical Exams: to assess practical skills, intellectual skills based on using computer devices.</p> <p>7.4- Oral Exams: Oral exams to assess knowledge and understanding, attitude, communication</p> <p>7.5- Structured oral exams: to assess knowledge.</p> |
| B. Assessment Schedule (Timing of Each Method of Assessment) | <p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> |

| | |
|--|--|
| | Assessment 3: Practical exam week: 24-28 |
| C. Weighting of Each Method of Assessment | Final Written Examination 100% Oral Examination 100% Practical Examination 100% Total 100% |
| 8. List of References | |
| A. Course Notes/handouts | Department notes, lectures and handouts |
| B. Essential Books | Essential Medical Statistics, Betty R. Kirkwood and J. A. Sterne (2000), 2nd edition |
| C. Recommended Textbooks | Data Management and Analytics for Medicine and Healthcare: Third International Workshop, DMAH 2017, Held at VLDB 2017, Munich, Germany, September 1, 2017, Proceedings; Springer. |
| D. Periodicals, websites | - National Institutes of Health: http://www.nih.gov - American Medical Informatics Association: http://www.amia.org/ |

○ **Course Coordinators:**

➤ **Coordinators:**

1) **Lecturers:** Dr / Shaimma Mahmoud, Dr/ Chrestina Monir

○ **Head of Department:**

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13 /5/2013.

Date of last update & approval by department council: 6/ 3 / 2023

(11) نموذج رقم

جامعة/أكاديمية: المنيا

كلية /معهد: الطب

قسم: الصحة العامة والطب الوقائي

| | |
|-----------------------------|-------------|
| Use of Computer in Medicine | مسمى المقرر |
| CM 100 | كود المقرر |

Matrix of Coverage of Course ILOs By Contents

| Contents (List of course topics) | Week No. | Intended Learning Outcomes (ILOs) | | | |
|--|----------|-----------------------------------|---------------------------|---------------------------------------|----------------------------------|
| | | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | | A | B | C | D |
| Use of Computer in Medicine | | | | | |
| General concepts Introduction to Microsoft PowerPoint | | A.1, A.2, | | | D.1 |
| Health Information Systems (HIS) | | A.4, A.5 | | C1 | D.3 |
| Telemedicine | | A.3 | B.1, .2 | | D.2 |
| Software Used in the Health Care | | A.5, A.6 | | | D.1 |
| Big Data Analysis in Health | | A.6 | | | |

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

| Methods of Teaching & Learning | Intended Learning Outcomes (ILOs) | | | |
|--------------------------------|-----------------------------------|------------------------|------------------------------------|----------------------------------|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Lecture | A.1 to A.6 | B.1, | | |
| Practical | | | C1 | |
| Assignment | A.4 | B.2 | | D1.D.2,D3 |

Matrix of Coverage of Course ILOs by Methods of Assessment

| Methods of Assessment | Intended Learning Outcomes (ILOs) | | | |
|---|-----------------------------------|------------------------|------------------------------------|----------------------------------|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Written paper based exam | A.1, to A.6 | B.1 | | |
| Practical computer exam (For SPSS, PowerPoint) | | | C1 | D.1 |
| Oral Exam | A.4, A.6 | B.2 | C.1 | D.2, D.3 |

Test blueprint for Uses of computer in Medicine course

| Topic | Hour | % of topic | Total No. of items | Written exam (100 marks) | | Marks (Percentages) | Modified marks (Percentages) |
|--|-----------|-------------|--------------------|--------------------------|--------------|---------------------|------------------------------|
| | | | | Knowledge | Intellectual | | |
| Use of Computer in Medicine | | | | | | | |
| General concepts Introduction to Microsoft PowerPoint | 4 | 20% | 6 | 4 | 2 | 30% | 30% |
| Health Information Systems (HIS) | 4 | 20% | 4 | 4 | | 20% | 15% |
| Telemedicine | 4 | 20% | 6 | 2 | 4 | 25% | 30% |
| Software Used in the Health Care | 4 | 20% | 5 | 4 | 1 | 20% | 15% |
| Big Data Analysis in Health | 4 | 20% | 1 | 1 | | 5% | 10% |
| Total | 20 | 100% | 20 | | | 100% | 100% |

4. Course Specifications of Dermatology and Venerology (doctorate degree of Dermatology and Venerology)

UniversityMinia

Faculty Medicine...

1. Program on which the course is given: doctorate degree of Dermatology, Venerology and andrology
2. Major or minor element of program: Major
3. Department offering the program: Dermatology and Venerology
4. Department offering the course: Dermatology and Venerology
5. Academic year / Level: second part
6. Date of specification approval:

Course Information -1

Academic Year/level: second part MD

Course Title: Dermatology and venerology

Code: DV 100

Number of teaching hours:

Lectures: Total of 352 hours; 4 hours/week

Practical/clinical: Total of 352 hours; 4 hours/week

Overall Aims of the course

To deliver an advanced knowledge of in Dermatology and Venerology hence the candidate can recognize a wide range of in Dermatology, Venerology and andrology problems and to establish an advanced skill of the candidates for diagnosis and treatment of a wide range of dermatological, STDs and Andrological disorders.

Intended learning outcomes of course (ILOs):

Upon completion of the course, the student should be able to:

Knowledge and Understanding

a1. demonstrate the recent advances in the normal structure and function of the skin

| | |
|--------------------------------------|---|
| | <p>a2. state the natural history of general skin diseases.</p> <p>a3. Understand the causation and pathogenesis of dermatological, STDs and andrological diseases and problems.</p> <p>a4. Understand the basic and advanced techniques of different diagnostic methods.</p> <p>a5. List the clinical picture and differential diagnosis of different skin disorders.</p> <p>a6. Describe the various therapeutic methods/alternatives used for skin, STDs and andrological diseases.</p> <p>a7. Understand scientific development in the field of skin, STDs and andrological diseases</p> <p>a8. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of skin, STDs and andrological diseases and problems.</p> <p>a9. Describe the mechanism of action, advantages, disadvantages, side effects and complications of different therapeutic modalities.</p> <p>a10. Know basics and ethics of scientific research</p> |
| <p>Intellectual Skills -B</p> | <p>b1. Interpret data acquired through history taking to reach a provisional diagnosis for dermatological and andrological problems.</p> <p>b2. Role plays from different diagnostic alternatives the ones that help reaching a final diagnosis in dermatological diseases.</p> <p>B3. Plan to improve performance in the field of dermatology, Venerology and andrology</p> <p>B4. Identify general dermatological problems and find solutions.</p> <p>B5. Analyze reading of research and issues related to the of dermatology, Venerology and andrology</p> <p>B6. Invent new methods for proper and appropriate and coefficient method in management of dermatological , venereal diseases and andrological problems</p> |

| | |
|---|--|
| Professional and Practical Skills -C | <p>c1. Apply the basic and modern professional skills in the area of dermatology, Venerology and andrology</p> <p>c2. Write and evaluate histopathological reports.</p> <p>c3. Assess of methods and tools existing in the area of dermatology, Venerology and andrology</p> |
| General and transferable Skills -D | <p>d1. Communicate effectively by all types of effective communication</p> <p>d2. Use information technology to serve the development of professional practice</p> <p>d3. Use different sources to obtain information and knowledge.</p> <p>d4. Develop rules and indicators for assessing the performance of others.</p> <p>d5. Work in a team, and team's leadership in various professional contexts.</p> <p>d6. Manage time effectively.</p> |

Course Contents -E

| Topic | No. of hours | No of Lecture | Tutorial/Practical hours |
|--|--------------|---------------|--------------------------|
| Module 1: Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology). | 8 | 4 | 8 |
| Module 2: the Skin: General Principles | 6 | 3 | 6 |
| Module 3: Papulosquamous and eczematous dermatoses | 16 | 8 | 16 |
| Module 4: Urticarias, erythemas and purpuras | 14 | 7 | 14 |
| Module 4: Urticarias, erythemas and purpuras | 16 | 8 | 16 |

| | | | |
|---|-----------|-----------|-----------|
| Module5: Bacterial Infections, Mycobacterial Infections | 16 | 8 | 16 |
| | 8 | 4 | 8 |
| Module6: Viral infection, Fungal infection | 12 | 6 | 12 |
| Module 7: Blistering disorder | | | |
| Module 8: Disorders of the Sebaceous Glands, Disorders of Sweat Glands | 16 | 8 | 16 |
| | 14 | 7 | 14 |
| Module 9: Disorder of hair and nail | 14 | 7 | 14 |
| Module 10: Connective Tissue Diseases, Vasculitis, Neutrophilic Dermatoses and Related Disorders | 16 | 8 | 16 |
| | 20 | 10 | 20 |
| Module11: Disorders of Skin Color, Metabolic and Nutritional Disorders | | | |
| Module 12: Tumors | 48 | | |
| Module 13: Laser, cosmetic surgery | 2 | 1 | 2 |
| | 2 | 1 | 2 |
| Module 14: Update in dermatology | 4 | 2 | 4 |
| | 2 | 1 | 2 |
| | 2 | 1 | 2 |
| | 2 | 1 | 2 |
| | 4 | 2 | 4 |

| | | | |
|------------------------------------|-----------|----------|-----------|
| | 2 | 2 | 2 |
| Module 15: male infertility | 10 | 5 | 10 |
| - Embryology of the male .A | 4 | 1 | 4 |
| genital system | 10 | 5 | 10 |
| Control of testis functions .B | 2 | 1 | 2 |
| Spermatogenesis .C | 2 | 1 | 2 |
| Androgen biosynthesis and .D | | | |
| functions | | | |
| Sertoli cell functions and .E | 48 | | |
| Epididymis functions | 2 | 1 | 2 |
| Male infertility sheet .F | 2 | 1 | 2 |
| Semen analysis .G | 4 | 2 | 4 |
| Sperm function test .H | 6 | 3 | 6 |
| Causes and diagnosis of male .I | 6 | 3 | 6 |
| infertility | 6 | 3 | 6 |
| Varicocele .J | 4 | 2 | 4 |
| Treatment of Male .K | 6 | 3 | 6 |
| infertility. | 4 | 2 | 4 |
| Gynecomastia .L | 2 | 1 | 2 |
| Haemospermia .M | 2 | 1 | 2 |
| | 6 | 3 | 6 |
| Module 16: humen sexuality | | | |
| Anatomy of penis .A | | | |
| Sexual response cycle .B | 64 | | |
| Physiology of erection and .C | 1 | 1 | 1 |
| ejaculation | 1 | 1 | 1 |
| Causes of erectile .D | 1 | 1 | 1 |
| dysfunction | 1 | 1 | 1 |
| Diagnosis of erectile .E | 2 | 1 | 2 |
| dysfunction | 10 | 5 | 10 |

| | | | |
|--|----|---|----|
| Treatment of erectile dysfunction .F | 10 | 5 | 10 |
| Disorder of ejaculation .G | | | |
| Emergencies of andrology .H | 6 | 3 | 6 |
| Puberty and puberty disorders .I | 4 | 2 | 4 |
| Micropenis .J | 2 | 1 | 2 |
| Sexual perversions and gender dysphoria, Disorder of sex development .K | 6 | 3 | 6 |
| Female sexual dysfunction and female genital mutilation .L | 2 | 1 | 2 |
| | 2 | 1 | 2 |
| | 2 | 1 | 2 |
| | 1 | 1 | 1 |
| | 1 | 1 | 1 |
| Module 17: sexually transmitted diseases | 1 | 1 | 1 |
| | 2 | 1 | 2 |
| Etiological classification of STDs .A | 2 | 1 | 2 |
| Symptoms of STDs .B | 2 | 1 | 2 |
| Anatomy of male urethra .C | 1 | 1 | 1 |
| Female urethra .D | 1 | 1 | 1 |
| Male urethral discharge .E | | | |
| Bacterial: (Gonorrhoea- Chlamydial infections - Mycoplasma- Bacterial vaginosis .F | | | |
| Viral: (Condyloma acuminatum "anogenital wart - Human immunodeficiency virus infections-Molluscum contagiosum .G | | | |

| | | | |
|---|---|------------|------------|
| <p> fungal: (Genital candidiasis - .H Cyclical vulvovaginitis - Trichomoniasis) Genital ulcers .I Genital herpes .J Syphilis .K Chancroid (soft sore) .L Granuloma inguinale .M Lymphogranuloma .N venereum Pelvic inflammatory disease .O Prostatitis .P Prostatodynia .Q Epididymitis .R Reiter's disease .S Genital dermatoses .T Squamous cell carcinoma of .U penis Balanitis .V Dermatoses of the vulva .W Endemic non venereal .X treponematoses </p> | | | |
| Total | 352 | 181 | 352 |
| Teaching and Learning -F Methods | <p style="text-align: right;">4.1- Lectures.</p> <p>4.2- Clinical cases rounds for cases presentation and discussion in out-patients clinic.</p> <p>4.3- Surgical lessons (hand-out and hand-on) includes sessions in outpatients minor surgical and laser units.</p> | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------|------------------|------------------|---------------|-----------------------|--------------------|-------------------|--------------------|-----------|--------------|--------------|-----------------------|-------------------|------------------|----------|----------------|------------------------------------|--------------------------------------|------------------------|-----------------------|
| | <p>4.4- Attending and participating in scientific conferences, workshops, and group discussion to acquire the general and transferable skills needed.</p> <table border="1" data-bbox="592 421 1508 1317"> <tr> <td data-bbox="592 421 1121 504">Grand rounds</td> <td data-bbox="1121 421 1508 504">اجتماع علمى موسع</td> </tr> <tr> <td data-bbox="592 504 1121 586">Training courses</td> <td data-bbox="1121 504 1508 586">دورات تدريبية</td> </tr> <tr> <td data-bbox="592 586 1121 669">Conference attendance</td> <td data-bbox="1121 586 1508 669">حضور مؤتمرات علمية</td> </tr> <tr> <td data-bbox="592 669 1121 752">Thesis discussion</td> <td data-bbox="1121 669 1508 752">حضور مناقشات رسائل</td> </tr> <tr> <td data-bbox="592 752 1121 835">Workshops</td> <td data-bbox="1121 752 1508 835">حضور ورش عمل</td> </tr> <tr> <td data-bbox="592 835 1121 918">Journal club</td> <td data-bbox="1121 835 1508 918">ندوة الدوريات الحديثة</td> </tr> <tr> <td data-bbox="592 918 1121 1001">Case presentation</td> <td data-bbox="1121 918 1508 1001">تقديم حالة مرضية</td> </tr> <tr> <td data-bbox="592 1001 1121 1084">Seminars</td> <td data-bbox="1121 1001 1508 1084">لقاء علمى موسع</td> </tr> <tr> <td data-bbox="592 1084 1121 1234">Morbidity and Mortality conference</td> <td data-bbox="1121 1084 1508 1234">ندوة تحليل المخاطر المرضية أو الوفاة</td> </tr> <tr> <td data-bbox="592 1234 1121 1317">Self education program</td> <td data-bbox="1121 1234 1508 1317">برنامج التعليم الذاتى</td> </tr> </table> | Grand rounds | اجتماع علمى موسع | Training courses | دورات تدريبية | Conference attendance | حضور مؤتمرات علمية | Thesis discussion | حضور مناقشات رسائل | Workshops | حضور ورش عمل | Journal club | ندوة الدوريات الحديثة | Case presentation | تقديم حالة مرضية | Seminars | لقاء علمى موسع | Morbidity and Mortality conference | ندوة تحليل المخاطر المرضية أو الوفاة | Self education program | برنامج التعليم الذاتى |
| Grand rounds | اجتماع علمى موسع | | | | | | | | | | | | | | | | | | | | |
| Training courses | دورات تدريبية | | | | | | | | | | | | | | | | | | | | |
| Conference attendance | حضور مؤتمرات علمية | | | | | | | | | | | | | | | | | | | | |
| Thesis discussion | حضور مناقشات رسائل | | | | | | | | | | | | | | | | | | | | |
| Workshops | حضور ورش عمل | | | | | | | | | | | | | | | | | | | | |
| Journal club | ندوة الدوريات الحديثة | | | | | | | | | | | | | | | | | | | | |
| Case presentation | تقديم حالة مرضية | | | | | | | | | | | | | | | | | | | | |
| Seminars | لقاء علمى موسع | | | | | | | | | | | | | | | | | | | | |
| Morbidity and Mortality conference | ندوة تحليل المخاطر المرضية أو الوفاة | | | | | | | | | | | | | | | | | | | | |
| Self education program | برنامج التعليم الذاتى | | | | | | | | | | | | | | | | | | | | |
| <p>Teaching and Learning Methods for students with limited Capacity -G</p> | <p>Special sessions to explain any difficult part for students to understand</p> <ul style="list-style-type: none"> • Different schedule according to their ability • Providing lectures in places suitable for their ability | | | | | | | | | | | | | | | | | | | | |
| <p>Student Assessment -H</p> | | | | | | | | | | | | | | | | | | | | | |
| <p>Student Assessment Methods .a</p> | <p>5.1 final written exam to assess Knowledge, understanding and intellectual skills.</p> <p>5.2 final oral exam to assess understanding and intellectual skills.</p> <p>5.3 final practical exams to assess practical skills include long and short cases examination followed by oral discussion.</p> | | | | | | | | | | | | | | | | | | | | |

| | |
|---|--|
| Assessment Schedule .b (Timing of Each Method of Assessment) | Assessment 1: Final written exam Assessment 2: Oral exam Assessment 3: Attendance and absenteeism |
| Weighting of Each Method of Assessment .c | Final Written Examination 60 % Oral Examination 20 % Practical Examination & attendance and absenteeism 20% Total 100% |
| List of References -I | |
| Course Notes/handouts .B | Department notes, lectures and handouts |
| Essential Books .C | <ul style="list-style-type: none"> - Rooks Textbook of Dermatology, 9E 2016 4 Volume Set - Andrews' Diseases of the Skin_Clinical Dermatology, 13th edition. - Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Ninth Edition - Bologna 4th Edition. - Infertility in the Male 4th ed. - L. Lipshultz, et. al., (Cambridge, 2009) BBS |
| Recommended Text Books .D | <ul style="list-style-type: none"> - Kasr El Aini Introduction to Dermatology, Venerology and andrology. - Dermatology, Venerology and andrology, by Department of Dermatology, Venerology and andrology, Minia University |
| Periodicals, websites .E | <ul style="list-style-type: none"> - Journal of American Academy of Dermatology - British Journal of Dermatology. - International Journal of Dermatology. - Archives of Dermatology. |

- British Journal of Dermatology and Venerology.

- Andrologia.

- Fertility and sterility

<http://www.ncbi.nlm.nih.gov/>

<http://www.webpath.com/>

<http://www.aacr.org/>

<http://www.uscap.org/>

<http://www.ascp.org/>

<http://www.freebooks4doctors.com/>

<http://www.pubmed.gov/>

<http://www.medscape.com/>

<http://emedicine.medscape.com/oncology>

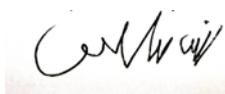
http://www.geocities.com/jcprolla/cytopathology_diagnoses.html

Course Coordinator/s:

Dr. Prof. Eman Saad Abdelazim

Head of Department:

Prof. Dr. Sherif Shokry Awad



| | |
|-----------------------------------|-------------|
| Dermatology and venerology | مسمى المقرر |
| DV100 | كود المقرر |

المنيا : جامعة/أكاديمية
 الطب البشري : كلية / معهد
 الجلدية والتناسلية : قسم

A- Matrix of Coverage of Course ILOs By Contents

| Contents (List of course topics) | Intended Learning Outcomes (ILOs) | | | |
|---|-----------------------------------|------------------------|------------------------------------|----------------------------------|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| ☐ Module 1: Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology). | 1-3 | 1 | | 1 |
| ☐ Module 2: the Skin: General Principles | 1-2-3 | | | |
| ☐ Module 3: Papulosquamous and eczematous dermatoses | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☐ Module 4: Urticarias, erythemas and purpuras | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |

| | | | | |
|--|---------------------------|----------------|--------------|--------------------|
| ☑ Module5: Bacterial Infections, Mycobacterial Infections | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module6: Viral infection, Fungal infection | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module 7: Blistering disorder | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module 8: Disorders of the Sebaceous Glands, Disorders of Sweat Glands | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module 9: Disorder of hair and nail | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module 10: Connective Tissue Diseases, Vasculitis, Neutrophilic Dermatoses and Related Disorders | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module11: Disorders of Skin Color, Metabolic and Nutritional Disorders | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module 12: Tumors | 2-3-4-5-6-7-8 | 1-2-4-6 | 1-2 | |
| ☑ Module 13: Laser, cosmetic surgery | 2-3-4-5-6-7-8-9-10 | 1-2-4-6 | 1-2-3 | |
| Module 14: update in dermatology | 4-6-8-10 | 2-3-4-5 | 1-2-3 | 1-2-3-4-5-6 |

| | | | | |
|--|----------------------------------|----------------------|------------|----------------|
| ☑ Module 15: male infertility | 1-2-3-4-5-6-7- 8-9-10 | 1-2-3-4-5-6-7 | 1-3 | 2-3-4-5 |
| ☑ Module 16: human sexuality | 1-2-3-4-5-6-7- 8-9-10 | 1-2-3-4-5-6 | 1-3 | 2-3-4-5 |
| ☑ Module 17: sexually transmitted diseases | 1-2-3-4-5-6-7- 8-9 | 1-2-3-4-5-6 | 1-3 | 2-3-4 |
| Total | 181 | | | |

B- Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

| Methods of Teachin g & Learning | Intended Learning Outcomes (ILOs) | | | |
|--|--|---------------------------|---------------------------------------|-------------------------------------|
| | A. Knowledge & Understandi ng | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Lecture | 1-2-3-4-5-6- 7-8-9-10 | 1-2-3-4-5-6 | | |
| Practical | | 1-2-4 | 1-2-3 | 1-2-3-5-6 |
| Assignmen t | | 1-3-5 | 1-3 | 1-4-5-6 |

| Methods of Assessment | Intended Learning Outcomes (ILOs) | | | |
|-----------------------|-----------------------------------|------------------------|------------------------------------|----------------------------------|
| | A. Knowledge & Understanding | B. Intellectual Skills | C. Professional & Practical skills | D. General & Transferable Skills |
| | A | B | C | D |
| Written exam | 1-2-3-4-5-6-7-8-9 | 1-2-4 | | |
| Practical exam | 4-5-6 | 1-2-4-6 | 1-3 | 1-3-4-6 |
| Oral Exam | 1-2-3-4-5-6-7-8-9-10 | 1-2-4-5 | 1-2-3 | 1-2-3-4-5-6 |

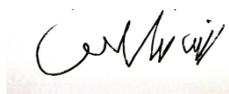
C- Matrix of Coverage of Course ILOs by Methods of Assessment

Course Coordinator/s:

Dr. Prof. Eman Saad Abdelazim

Head of Department:

Prof. Dr. Sherif Shokry Awad



Blueprint of Dermatology and Venerology Department
Blueprint of Histopathology and Mycology (postgraduates, second part) Examination Paper

| Topic | Hour | % of topic | Total No. of items | Written exam (300 marks) | | Marks (percentages) | Modified marks (Percentages) |
|--|------|------------|--------------------|--------------------------|--------------|---------------------|------------------------------|
| | | | | Knowledge | Intellectual | | |
| Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology) | 8 | 2.3 | 1 | 1 | | 3 | 2 |
| the Skin: General Principles | 6 | 1.7 | 1 | 1 | | 2 | 2 |
| Papulosquamous and eczematous dermatoses | 16 | 4.5 | 5 | 3 | 2 | 5 | 7 |
| Urticarias, erythemas and purpuras | 14 | 4 | 2 | 1 | 1 | 5 | 5 |
| : Bacterial Infections, Mycobacterial Infections | 16 | 4.5 | 4 | 3 | 1 | 5 | 6 |
| Viral infection, Fungal infection | 16 | 4.5 | 4 | 3 | 1 | 5 | 3 |
| Blistering disorder | 16 | 4.5 | 5 | 4 | 1 | 5 | 6 |
| Disorders of the Sebaceous Glands, Disorders of Sweat Glands | 8 | 2.3 | 3 | 2 | 1 | 3 | 3 |
| Disorder of hair and nail | 12 | 3.4 | 3 | 3 | | 5 | 3 |
| Connective Tissue Diseases, Vasculitis, Neutrophilic | 16 | 4.5 | 5 | 3 | 2 | 5 | 6 |

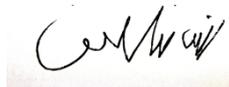
| | | | | | | | |
|--|-----|------|----|---|---|----|------|
| Dermatoses and Related Disorders | | | | | | | |
| Disorders of Skin Color, Metabolic and Nutritional Disorders | 14 | 4 | 5 | 4 | 1 | 5 | 3 |
| Tumors | 14 | 4 | 4 | 3 | 1 | 5 | 6 |
| Laser, cosmetic surgery | 16 | 4.5 | 3 | 2 | 1 | 5 | 4 |
| Update in dermatology | 20 | 5.7 | 5 | 2 | 3 | 8 | 4 |
| male infertility | 48 | 13.7 | 5 | 4 | 1 | 15 | 10 |
| human sexuality | 48 | 13.7 | 5 | 4 | 1 | 15 | 10 |
| Sexually transmitted diseases | 64 | 18.2 | 10 | 8 | 2 | 20 | 20 |
| Total | 352 | 100% | | | | | 100% |

Course Coordinator/s:

Dr. Prof. Eman Saad Abdelazim

Head of Department:

Prof. Dr. Sherif Shokry Awad



نموذج رقم (١٦)

تقرير مقرر دراسي

**Course report of MD in histopathology and mycology
April 2022**

University: Minia

Faculty: Medicine

Department: Dermatology and venerology.

A-Basic Information

1- Course title and Code: Histopathology and Mycology, MD in Dermatology and venereology (DV100)

2- Specialty: Dermatology and venerology.

3- Level/year (1st or 2nd part): 1st part

4- Number of courses: 1courses

5- Adopted system for selection & formation of examiners' committee:

Available Not available

6- System of external evaluation of the exam:

Available Not available

7- Number & Names of teaching staff members: 7

1. Prof. Sherif Shoukry Awad.
2. Prof. Hamza Abdelraouf Mohammed.
3. Prof. Noha Hassan Moftah.
4. Prof. Hossam Mohamed Abdel-Wahab.
5. Prof. Amal Talat Abdel -Rahman.
6. Prof. Eman Saad Abdel -Azeem.
7. DR. Michael Ragy Hanaa.

B- Professional Information

1- Statistical Information:

| | | | | |
|--|-----|---|---|------|
| - No. of students attended/joined the course | No. | 2 | % | 100% |
| - No. of students completed the course & attended the exam | No. | 1 | % | 50% |

- Results:

| | | | | | | | | | |
|---------|-----|---|---|------|---------|-----|---|---|----|
| Passed: | No: | 1 | % | 100% | Failed: | No: | 0 | % | 0% |
|---------|-----|---|---|------|---------|-----|---|---|----|

- Success percentages & distribution according to the grades of passed students:

- Success percentages : 100%

- Distribution :

| | | | | | | | | | |
|-----------|-----|--|---|--|------------|-----|---|---|------|
| Excellent | No: | | % | | Very good: | No: | | % | |
| Good | No: | | % | | Pass: | No: | 1 | % | 100% |

2- Course Teaching:

- Course topics taught

| Topic | Lecture No. of hours/week | Practical or clinical No. of hours/ week | Staff member name |
|---------------------|--|---|--|
| 1. Dermatopathology | 2 | 1 | - Prof. Hamza Abdelraouf Mohammed. - DR. Michael Ragy Hanaa. |
| 2. Mycology | 1 | 1 | - Prof. Sherif Shoukry Awad. - Prof. Noha Hassan Moftah. - Prof. Hossam Mohamed Abdel-Wahab. |

| | | | |
|--|--|--|---|
| | | | - Prof. Amal Talat Abdel - Rahman. - Prof. Eman Saad Abdel -Azeem. |
|--|--|--|---|

- Total percentage of the essential course topics that actually covered: 100 %

- Obligation/commitment of the teaching staff to the specified course content:

>85% 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % <60%

- Teaching and Learning Methods:

| | |
|--------------------------------|---|
| Lectures | √ |
| Practical/laboratory training | √ |
| Clinical training | √ |
| Grand rounds | √ |
| Case presentation & case study | √ |
| Semester work/class activities | √ |
| Training courses and workshops | √ |
| Seminars | √ |
| Self-learning | √ |
| Others (specify) | |

3- Student Assessment:

| Method of Assessment | Marks | % |
|----------------------|-------|---|
|----------------------|-------|---|

| | | |
|-----------------------------------|---|------|
| Written examination | √ | 60% |
| Oral examination | √ | 20% |
| Practical/ Laboratory examination | √ | 20% |
| Clinical examination | | |
| Assignments/ activities/log book | | |
| Other (Specify) | | |
| Total | | 100% |

4- Facilities available for Teaching:

- Scientific references:

Available Available to some extent Unavailable

- Assistant aids/tools:

Available Available to some extent Unavailable

- Other materials, supplies and requirements:

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

- المقرر له اهداف واضحه (١٠٠٪)
- المقرر يحفزنى على التغيير (١٠٠٪ ج ج)
- مفيد فى التطبيق العملى (٩٠ ج) مفيد فى التطبيق العملى (٩٠ ج)
- يوفر امثله علميه (١٠٠٪)
- اكسبنى مهارات تفيد فى تكوين شخصيتى (١٠٠٪ ج)

- .

7- External evaluator/s comments:

- Good results with increase practical courses.

8- Completed actions related to course development in the last year:

- Histopathology student hand out.

1. Non-completed actions related to course development in the last year:

- Mycology student hand out.
-

2. Action plan for the next academic year:

-Fields/areas of course development

| Actions Required | Completion Date | Responsible Person |
|---|------------------------|---------------------------|
| Solve problems in the laboratory, offer solutions that maintain a high order of quality control | | All staff members |
| Solve, evaluate and practice any problems during teaching | | All staff members |
| Illustrate and interpret any morphological abnormalities for all body tissues and organ systems | | All staff members |

Coordinators:

Prof dr. Eman Saad Abdelazim

- **Head of department:** Prof. Sherif Shoukry Awad.



Date: 09/2022

نموذج رقم (١٦)
تقرير مقرر دراسي

**Course report of MD in histopathology and mycology
october 2022**

University: Minia

Faculty: Medicine

Department: Dermatology and venerology.

A-Basic Information

8- Course title and Code: Histopathology and Mycology, MD in Dermatology and venereology (DV100)

9- Specialty: Dermatology and venerology.

10- Level/year (1st or 2nd part): 1st part

11- Number of courses: 1courses

12- Adopted system for selection & formation of examiners' committee:

Available Not available

13- System of external evaluation of the exam:

Available Not available

14- Number & Names of teaching staff members: 7

8. Prof. Sherif Shoukry Awad.

9. Prof. Hamza Abdelraouf Mohammed.

10. Prof. Noha Hassan Moftah.

11. Prof. Hossam Mohamed Abdel-Wahab.

12. Prof. Amal Talat Abdel -Rahman.

13. Prof. Eman Saad Abdel -Azeem.

14. DR. Michael Ragy Hanaa.

B- Professional Information

2- Statistical Information:

| | | | | |
|--|-----|---|---|------|
| - No. of students attended/joined the course | No. | 1 | % | 100% |
| - No. of students completed the course & attended the exam | No. | 1 | % | 100% |

- Results:

| | | | | | | | | | |
|---------|-----|---|---|------|---------|-----|---|---|----|
| Passed: | No: | 1 | % | 100% | Failed: | No: | 0 | % | 0% |
|---------|-----|---|---|------|---------|-----|---|---|----|

- Success percentages & distribution according to the grades of passed students:

- Success percentages : 100%

- Distribution :

| | | | | | | | | | |
|-----------|-----|--|---|--|------------|-----|---|---|------|
| Excellent | No: | | % | | Very good: | No: | | % | |
| Good | No: | | % | | Pass: | No: | 1 | % | 100% |

2- Course Teaching:

- Course topics taught

| Topic | Lecture No. of hours/week | Practical or clinical No. of hours/ week | Staff member name |
|---------------------|---------------------------------|---|---|
| 3. Dermatopathology | 2 | 1 | - Prof. Hamza Abdelraouf Mohammed. - DR. Michael Ragy Hanaa. |
| 4. Mycology | 1 | 1 | - Prof. Sherif Shoukry Awad. - Prof. Noha Hassan Moftah. |

| | | | |
|--|--|--|--|
| | | | <ul style="list-style-type: none"> - Prof. Hossam Mohamed Abdel-Wahab. - Prof. Amal Talat Abdel - Rahman. - Prof. Eman Saad Abdel -Azeem. |
|--|--|--|--|

- Total percentage of the essential course topics that actually covered: 100 %

- Obligation/commitment of the teaching staff to the specified course content:

>85% 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % <60%

- Teaching and Learning Methods:

| | |
|--------------------------------|---|
| Lectures | √ |
| Practical/laboratory training | √ |
| Clinical training | √ |
| Grand rounds | √ |
| Case presentation & case study | √ |
| Semester work/class activities | √ |
| Training courses and workshops | √ |
| Seminars | √ |
| Self-learning | √ |
| Others (specify) | |

3- Student Assessment:

| Method of Assessment | Marks | % |
|-----------------------------------|-------|------|
| Written examination | √ | 60% |
| Oral examination | √ | 20% |
| Practical/ Laboratory examination | √ | 20% |
| Clinical examination | | |
| Assignments/ activities/log book | | |
| Other (Specify) | | |
| Total | | 100% |

4- Facilities available for Teaching:

- Scientific references:

Available Available to some extent Unavailable

- Assistant aids/tools:

Available Available to some extent Unavailable

- Other materials, supplies and requirements:

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

- المقرر له اهداف واضحه (١٠٠٪)
- المقرر يحفزنى على التغيير (١٠٠٪ ج ج)

- مفيد فى التطبيق العملى (٩٠ج)فيد فى التطبيق العملى (٩٠ج)
- يوفر امثله علميه(١٠٠٪)
- اكسبني مهارات تفيد فى تكوين شخصيتي(١٠٠٪ج)

7- External evaluator/s comments:

- Good results with increase practical courses.

8- Completed actions related to course development in the last year:

- Histopathology student hand out.

3. Non-completed actions related to course development in the last year:

- Mycology student hand out.

4. Action plan for the next academic year:

-Fields/areas of course development

| Actions Required | Completion Date | Responsible Person |
|---|------------------------|---------------------------|
| Solve problems in the laboratory, offer solutions that maintain a high order of quality control | | All staff members |
| Solve, evaluate and practice any problems during teaching | | All staff members |
| Illustrate and interpret any morphological abnormalities for all body tissues and organ systems | | All staff members |

Coordinators:

Prof dr. Eman Saad Abdelazim

- **Head of department:** Prof. Sherif Shoukry Awad.



Date: 03/2023

نموذج رقم (١٦)
تقرير مقرر دراسي

Course report of MD degree of dermatology and venerology
“Medical Statistics and Research Methodology”
April 2022

University: Minia
Faculty: Medicine

Department: Community Medicine

A-Basic Information

1- Course Title and Code: MD degree of dermatology and venerology, (DV100)

2- Specialty : Medical Statistics and Research Methodology

3- Level/year (1st or 2nd part): 1st part

4- Number of courses: 1 course

5- Adopted system for selection & formation of examiners' committee:

Available Not available

6- System of external evaluation of the exam:

Available Not available

7- Number & Names of teaching staff members:

- Dr. Mahmoud EL Sherif
- Dr .Refaat Raaof
- Dr .Eman Mohamed
- Dr. Nashwa Nabil
- Dr. Mona Abo zaid
- Dr. Amany Edward
- Dr.Emad Girgis

- Dr.khaled Eldosoki
- Dr.Tarek Abd Elrahman
- Dr. Omnia Kamal
- Dr. Ayman Soliman
- Dr. Marwa Gamal
- Dr.Shimaa Anwar
- DR .Ebtesam Ismael
- Dr. Eman Ramadan

B- Professional Information

1- Statistical Information:

| | | | | |
|--|-----|---|---|-----|
| - No. of students attended/joined the course | No. | 2 | % | 100 |
| - No. of students completed the course & attended the exam | No. | 2 | % | 100 |

- Results:

| | | | | | | | | | |
|---------|-----|---|---|-----|---------|-----|---|---|---|
| Passed: | No: | 2 | % | 100 | Failed: | No: | 0 | % | 0 |
|---------|-----|---|---|-----|---------|-----|---|---|---|

- Success percentages & distribution according to the grades of passed students:

- Success percentages : 100%

- Distribution :

| | | | | | | | | | |
|-----------|-----|--|---|--|------------|-----|---|---|-----|
| Excellent | No: | | % | | Very good: | No: | | % | |
| Good | No: | | % | | Pass: | No: | √ | % | 100 |

2- Course Teaching:

- Course topics taught

| Topic | No. of hours | Lecture | Tutorial/ Practical |
|---|--------------|---------|---------------------|
| <i>Research methods</i> | | | |
| <u>Introduction :</u> - Introduction to research. - Terminology and Rationale - Originality | | 3 | |
| - Study design : -Cross sectional study and the prevalence rate | | 4 | |

| | | | |
|---|--|-----------|-----------|
| -Cohort study, incidence rate, relative & attributable risk -Case-control study, Odd's ratio sampling -Experimental study and clinical trials | | | |
| - Sources of Errors in Medical Research - Bias and confounding and its Control. | | 3 | |
| - Validity and reliability | | 2 | |
| - The questionnaire design | | 2 | |
| - Writing the Research Paper or Manuscript - Protocol Writing | | 2 | 2 |
| - Critic technique for the literature review | | 2 | 2 |
| - Association and causation | | 1 | |
| - Evidence -based approach in medical practice | | 2 | 1 |
| - Ethics of medical research | | 2 | |
| Statistics | | | |
| Sampling | | 1 | |
| Introduction to Sample Size Calculation | | 1 | 1 |
| Data presentation | | 1 | 1 |
| Tests of significance | | 2 | |
| Introduction to SPSS | | 1 | 1 |
| Proportion test | | | 1 |
| Chi-square test | | | 1 |
| Student T test, Paired T test | | | 1 |
| ANOVA test | | | 1 |
| Correlation (simple and multiple) | | | 1 |
| Regression | | | 1 |
| Screening | | 1 | 1 |
| Total | | 30 | 15 |

**- Total percentage of the essential course topics that actually covered: 100 %
70%**

- Obligation/commitment of the teaching staff to the specified course content:

>85% √ 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % √ <60%

- Teaching and Learning Methods:

| | |
|-------------------------------|---|
| Lectures | √ |
| Practical/laboratory training | √ |
| Assignment | √ |
| Online quiz | √ |

3- Student Assessment:

| Method of Assessment | Marks | % |
|-----------------------------------|-------|-----|
| Written examination | 100 | 100 |
| Oral examination | 100 | 100 |
| Practical/ Laboratory examination | 100 | 100 |
| Total | 100 | 100 |

4- Facilities available for Teaching:

- **Scientific references:**

Available Available to some extent Unavailable

- **Assistant aids/tools:**

Available Available to some extent Unavailable

- **Other materials, supplies and requirements:**

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

7- External evaluator/s comments:

8- Completed actions related to course development in the last year:

9- Non-completed actions related to course development in the last year:

10- Action plan for the next academic year:

- Fields/areas of course development

| Actions Required | Completion Date | Responsible Person |
|------------------|-----------------|--------------------|
| | | |
| | | |

○ Course Coordinators:

➤ Coordinators:

Lecturers: Dr / Chrestina Monir, Dr Shaimma Mahmoud

Head of Department:

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13 /5/2013.

Date of last update & approval by department council: 9 / 2022



نموذج رقم (١٦)

تقرير مقرر دراسي

Course report of MD degree of dermatology and venerology
“Use of Computer in Medicine”
April 2022

University: Minia

Faculty: Medicine

Department: Community Medicine

A-Basic Information

1- **Course Title and Code:** MD degree of dermatology and venerology, (DV100)

2- **Specialty :** Medical Statistics and Research Methodology

3- **Level/year (1st or 2nd part):** 1st part

4- **Number of courses:** 1 course

5- **Adopted system for selection & formation of examiners' committee:**

Available Not available

6- **System of external evaluation of the exam:**

Available Not available

7- **Number & Names of teaching staff members:**

- Dr. Mona Abo zaid
- Dr. Amany Edward
- Dr.Emad Girgis
- Dr.khaled Eldosoki
- Dr.Tarek Abd Elrahman
- Dr. Omnia Kamal
- Dr. Marwa Gamal
- Dr. Eman Ramadan

B- Professional Information

8- Statistical Information:

| | | | | |
|--|-----|---|---|-----|
| - No. of students attended/joined the course | No. | 2 | % | 100 |
| - No. of students completed the course & attended the exam | No. | 2 | % | 100 |

- Results:

| | | | | | | | | | |
|---------|-----|---|---|-----|---------|-----|---|---|---|
| Passed: | No: | 2 | % | 100 | Failed: | No: | 0 | % | 0 |
|---------|-----|---|---|-----|---------|-----|---|---|---|

- Success percentages & distribution according to the grades of passed students:

- Success percentages : 100%

- Distribution :

| | | | | | | | | | |
|-----------|-----|--|---|--|------------|-----|---|---|-----|
| Excellent | No: | | % | | Very good: | No: | | % | |
| Good | No: | | % | | Pass: | No: | √ | % | 100 |

2- Course Teaching:

- Course topics taught

| Topic | No. of hours | Lecture | Tutorial/ Practical |
|--|--------------|---------|------------------------|
| Use of Computer in Medicine | | | |
| General concepts Introduction to Microsoft PowerPoint | 6 | 4 | 2 |

| | | | |
|----------------------------------|-----------|-----------|-----------|
| Health Information Systems (HIS) | 6 | 4 | 2 |
| Telemedicine | 6 | 4 | 2 |
| Software Used in the Health Care | 6 | 4 | 2 |
| Big Data Analysis in Health | 6 | 4 | 2 |
| Total | 30 | 20 | 10 |

- Total percentage of the essential course topics that actually covered: 100 %
70%

- **Obligation/commitment of the teaching staff to the specified course content:**

>85% √ 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % √ <60%

- Teaching and Learning Methods:

| | |
|-------------------------------|---|
| Lectures | √ |
| Practical/laboratory training | √ |
| Assignment | √ |
| Online quiz | √ |

3- Student Assessment:

| Method of Assessment | Marks | % |
|-----------------------------------|-------|-----|
| Written examination | 100 | 100 |
| Oral examination | 100 | 100 |
| Practical/ Laboratory examination | 100 | 100 |
| Total | 100 | 100 |

4- Facilities available for Teaching:

- **Scientific references:**

Available Available to some extent Unavailable

- **Assistant aids/tools:**

Available Available to some extent Unavailable

- **Other materials, supplies and requirements:**

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

7- External evaluator/s comments:

8- Completed actions related to course development in the last year:

9- Non-completed actions related to course development in the last year:

10- Action plan for the next academic year:

- **Fields/areas of course development**

| Actions Required | Completion Date | Responsible Person |
|------------------|-----------------|--------------------|
| | | |
| | | |

○ **Course Coordinators:**

➤ **Coordinators:**

Lecturers: Dr / Chrestina Monir, Dr Shaimma Mahmoud

Head of Department:

Professor Dr. Nashwa Nabil Kamal

Date of program specifications 1st approval by department council: 13 /5/2013.

Date of last update & approval by department council: 9 / 2023



نموذج رقم (١٦)

تقرير مقرر دراسي

**Course report of MD in dermatology and venerology
April 2022**

University: Minia

Faculty: Medicine

Department: Dermatology and Venerology.

A-Basic Information

15- Course title and Code: MD in dermatology and venereology (DV100)

16- Specialty: dermatology and venerology.

17- Level/year (1st or 2nd part): 2ndpart

18- Number of courses: 1 courses

19- Adopted system for selection & formation of examiners' committee:

Available Not available

20- System of external evaluation of the exam:

Available Not available

21- Number & Names of teaching staff members: 18

15. Prof. Sherif Shoukry Awad.

16. Prof. Hamza Abdelraouf Mohammed.

17. Prof. Tarek El-Sayed Mohammed Mohammed El-Ammawi.

18. Prof. Manal Tawfik Mahmoud Barakat.

19. Prof. Noha Hassan Moftah.

20. Prof. Hossam Mohamed Abdel-Wahab.

21. Prof. Amal Talat Abdel -Rahman.

- 22. Prof. Eman Saad Abdel -Azeem.
- 23. Prof. Hasan Mostafa Hasan El-Fakahany.
- 24. Dr. Rasha turkey
- 25. Dr. Waleed Medhat
- 26. Dr. Maha Hussein Ragaiei
- 27. Dr. Sahar Salah
- 28. Dr. Mahmoud Hamdy
- 29. Dr. Mostafa Alanwar
- 30. Dr. Ahmed Fawzi
- 31. Dr. Michael Ragy
- 32. Dr. Shimaa Shehata

B- Professional Information

3- Statistical Information:

| | | | | |
|--|-----|---|---|-------------|
| - No. of students attended/joined the course | No. | 2 | % | 100% |
| - No. of students completed the course & attended the exam | No. | 1 | % | 50% |

- Results:

| | | | | | | | | | |
|---------|-----|---|---|-----------|---------|-----|---|---|-------------|
| Passed: | No: | 0 | % | 0% | Failed: | No: | 1 | % | 100% |
|---------|-----|---|---|-----------|---------|-----|---|---|-------------|

- Success percentages & distribution according to the grades of passed students:
- Success percentages : 100%
- Distribution :

| | | | | | | | | | |
|-----------|-----|--|---|--|------------|-----|--|---|--|
| Excellent | No: | | % | | Very good: | No: | | % | |
| Good | No: | | % | | Pass: | No: | | % | |

2- Course Teaching:

- Course topics taught

| Topic | Lecture No. of hours/week | Practical or clinical No. of hours/ week | Staff member name |
|----------------|---------------------------------|---|--|
| 5. Dermatology | 2 | 2 | <ul style="list-style-type: none"> - Prof. Sherif Shoukry Awad. - Prof. Hamza Abdelraouf Mohammed. - Prof. Tarek El-Sayed Mohammed El-Ammawi. - Prof. Manal Tawfik Mahmoud Barakat. - Prof. Noha Hassan Moftah. - Prof. Hossam Mohamed Abdel-Wahab. - Prof. Amal Talat Abdel -Rahman. - Prof. Eman Saad Abdel -Azeem. - Prof. Hasan Mostafa Hasan El-Fakahany. - Dr. Rasha turkey - Dr. Waleed Medhat |

| | | | |
|--------------|---|---|--|
| | | | <ul style="list-style-type: none"> - Dr. Maha Hussein Ragaei - Dr. Sahar Salah - Dr.Mahmoud Hamdy - Dr. Mostafa Alanwar - Dr. Ahmed Fawzi - Dr. Michael Ragy - Dr. Shimaa Shehata |
| 6. Andrology | 1 | 1 | <ul style="list-style-type: none"> - Prof. Tarek El-Sayed Mohammed Mohammed El-Ammawi. - Prof. Hasan Mostafa Hasan El-Fakahany. - Dr.Mahmoud Hamdy |
| 7. STDs | 1 | 1 | <ul style="list-style-type: none"> - Prof. Tarek El-Sayed Mohammed Mohammed El-Ammawi. - Prof. Hossam Mohamed Abdel-Wahab. - Prof. Eman Saad Abdel -Azeem. |

| | | | |
|--|--|--|---|
| | | | <ul style="list-style-type: none"> - Prof. Hasan Mostafa Hasan El-Fakahany. - Dr. Maha Hussein Ragaei - Dr.Mahmoud Hamdy |
|--|--|--|---|

- Total percentage of the essential course topics that actually covered: 100 %

- Obligation/commitment of the teaching staff to the specified course content:

>85% 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % <60%

- Teaching and Learning Methods:

| | |
|--------------------------------|---|
| Lectures | √ |
| Practical/laboratory training | √ |
| Clinical training | √ |
| Grand rounds | √ |
| Case presentation & case study | √ |
| Semester work/class activities | √ |
| Training courses and workshops | √ |
| Seminars | √ |
| Self-learning | √ |
| Others (specify) | |

3- Student Assessment:

| Method of Assessment | Marks | % |
|-----------------------------------|-------|------|
| Written examination | √ | 60% |
| Oral examination | √ | 20% |
| Practical/ Laboratory examination | | |
| Clinical examination | √ | 20% |
| Assignments/ activities/log book | | |
| Other (Specify) | | |
| Total | | 100% |

4- Facilities available for Teaching:

- Scientific references:

Available Available to some extent Unavailable

- Assistant aids/tools:

Available Available to some extent Unavailable

- Other materials, supplies and requirements:

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

- المقرر له اهداف واضحه (١٠٠٪)
- المقرر يحفزنى على التغيير (١٠٠٪ ج ج)

- مفيد فى التطبيق العملى (٩٠ج)فيد فى التطبيق العملى (٩٠ج)
- يوفر امثله علميه(١٠٠٪)
- اكسبني مهارات تفيد فى تكوين شخصيتي(١٠٠٪ج)

7- External evaluator/s comments:

- Good results with increase practical courses.

8- Completed actions related to course development in the last year:

- Face book group (minia derma)

5. Non-completed actions related to course development in the last year:

- student hand out.

6. Action plan for the next academic year:

-Fields/areas of course development

| Actions Required | Completion Date | Responsible Person |
|---|------------------------|---------------------------|
| Solve problems in the teaching rooms and training laboratory, offer solutions that maintain a high order of quality control | 2025 | All staff members |
| Solve, evaluate and practice any problems during teaching | 2023 | All staff members |
| Update courses with new and advanced researches | 2025 | All staff members |
| Seek advanced technique in teaching and training | 2025 | All staff members |

Coordinators:

Prof. Eman Saad Abdelazim,

- **Head of department:** Prof. Sherif Shoukry Awad.



Date: 09/2022

نموذج رقم (١٦)
تقرير مقرر دراسي

**Course report of MD in dermatology and venerology
october 2022**

University: Minia

Faculty: Medicine

Department: Dermatology and Venerology.

A-Basic Information

22- Course title and Code: MD in dermatology and venereology (DV100)

23- Specialty: dermatology and venerology.

24- Level/year (1st or 2nd part): 2nd part

25- Number of courses: 1 courses

26- Adopted system for selection & formation of examiners' committee:

Available Not available

27- System of external evaluation of the exam:

Available Not available

28- Number & Names of teaching staff members: 18

33. Prof. Sherif Shoukry Awad.

34. Prof. Hamza Abdelraouf Mohammed.

35. Prof. Tarek El-Sayed Mohammed Mohammed El-Ammawi.

36. Prof. Manal Tawfik Mahmoud Barakat.

37. Prof. Noha Hassan Moftah.

38. Prof. Hossam Mohamed Abdel-Wahab.

39. Prof. Amal Talat Abdel -Rahman.

40. Prof. Eman Saad Abdel -Azeem.

41. Prof. Hasan Mostafa Hasan El-Fakahany.

42. Dr. Rasha turkey

43. Dr. Waleed Medhat

44. Dr. Maha Hussein Ragaiei

- 45. Dr. Sahar Salah
- 46. Dr. Mahmoud Hamdy
- 47. Dr. Mostafa Alanwar
- 48. Dr. Ahmed Fawzi
- 49. Dr. Michael Ragy
- 50. Dr. Shimaa Shehata

B- Professional Information

4- Statistical Information:

| | | | | |
|--|-----|---|---|---------------|
| - No. of students attended/joined the course | No. | 3 | % | 100% |
| - No. of students completed the course & attended the exam | No. | 2 | % | 66.67% |

- Results:

| | | | | | | | | | |
|---------|-----|---|---|------------|---------|-----|---|---|------------|
| Passed: | No: | 1 | % | 50% | Failed: | No: | 1 | % | 50% |
|---------|-----|---|---|------------|---------|-----|---|---|------------|

- Success percentages & distribution according to the grades of passed students:
- Success percentages : 100%

- Distribution :

| | | | | | | | | | |
|-----------|-----|--|---|--|------------|-----|---|---|-----|
| Excellent | No: | | % | | Very good: | No: | | % | |
| Good | No: | | % | | Pass: | No: | 1 | % | 50% |

2- Course Teaching:

- Course topics taught

| Topic | Lecture No. of hours/week | Practical or clinical No. of hours/ week | Staff member name |
|----------------|--|---|---------------------------------|
| 8. Dermatology | 2 | 2 | - Prof. Sherif Shoukry Awad. |

| | | | |
|--|--|--|--|
| | | | <ul style="list-style-type: none"> - Prof. Hamza Abdelraouf Mohammed. - Prof. Tarek El-Sayed Mohammed El-Ammawi. - Prof. Manal Tawfik Mahmoud Barakat. - Prof. Noha Hassan Moftah. - Prof. Hossam Mohamed Abdel-Wahab. - Prof. Amal Talat Abdel -Rahman. - Prof. Eman Saad Abdel -Azeem. - Prof. Hasan Mostafa Hasan El-Fakahany. - Dr. Rasha turkey - Dr. Waleed Medhat - Dr. Maha Hussein Ragaei - Dr. Sahar Salah - Dr.Mahmoud Hamdy |
|--|--|--|--|

| | | | |
|--------------|---|---|--|
| | | | <ul style="list-style-type: none"> - Dr. Mostafa Alanwar - Dr. Ahmed Fawzi - Dr. Michael Ragy - Dr. Shimaa Shehata |
| 9. Andrology | 1 | 1 | <ul style="list-style-type: none"> - Prof. Tarek El-Sayed Mohammed Mohammed El-Ammawi. - Prof. Hasan Mostafa Hasan El-Fakahany. - Dr. Mahmoud Hamdy |
| 10. STDs | 1 | 1 | <ul style="list-style-type: none"> - Prof. Tarek El-Sayed Mohammed Mohammed El-Ammawi. - Prof. Hossam Mohamed Abdel-Wahab. - Prof. Eman Saad Abdel -Azeem. - Prof. Hasan Mostafa Hasan El-Fakahany. - Dr. Maha Hussein Ragaei |

| | | | |
|--|--|--|--------------------|
| | | | - Dr.Mahmoud Hamdy |
|--|--|--|--------------------|

- Total percentage of the essential course topics that actually covered: 100 %

- Obligation/commitment of the teaching staff to the specified course content:

>85% 60-84 % <60%

- The extent to which the exam covered the course topics:

>85% 60-84 % <60%

- Teaching and Learning Methods:

| | |
|--------------------------------|---|
| Lectures | √ |
| Practical/laboratory training | √ |
| Clinical training | √ |
| Grand rounds | √ |
| Case presentation & case study | √ |
| Semester work/class activities | √ |
| Training courses and workshops | √ |
| Seminars | √ |
| Self-learning | √ |
| Others (specify) | |

3- Student Assessment:

| Method of Assessment | Marks | % |
|----------------------|-------|-----|
| Written examination | √ | 60% |

| | | |
|-----------------------------------|---|------|
| Oral examination | √ | 20% |
| Practical/ Laboratory examination | | |
| Clinical examination | √ | 20% |
| Assignments/ activities/log book | | |
| Other (Specify) | | |
| Total | | 100% |

4- Facilities available for Teaching:

- Scientific references:

Available Available to some extent Unavailable

- Assistant aids/tools:

Available Available to some extent Unavailable

- Other materials, supplies and requirements:

Available Available to some extent Unavailable

5- Administrative & regulatory Constraints:

No Yes

6 – Results of student feedback as a result of course evaluation:

- المقرر له اهداف واضحه (١٠٠٪)
- المقرر يحفزنى على التغيير (١٠٠٪ ج ج)
- مفيد فى التطبيق العملى (٩٠ ج)فيد فى التطبيق العملى (٩٠ ج)
- يوفر امثله علميه (١٠٠٪)
- اكسبنى مهارات تفيد فى تكوين شخصيتى (١٠٠٪ ج)

7- External evaluator/s comments:

- Good results with increase practical courses.

8- Completed actions related to course development in the last year:

- Face book group (minia derma)

7. Non-completed actions related to course development in the last year:

- student hand out.
-

8. Action plan for the next academic year:

-Fields/areas of course development

| Actions Required | Completion Date | Responsible Person |
|---|------------------------|---------------------------|
| Solve problems in the teaching rooms and training laboratory, offer solutions that maintain a high order of quality control | 2025 | All staff members |
| Solve, evaluate and practice any problems during teaching | 2023 | All staff members |
| Update courses with new and advanced researches | 2025 | All staff members |
| Seek advanced technique in teaching and training | 2025 | All staff members |

Coordinators:

Prof. Eman Saad Abdelazim,

- **Head of department:** Prof. Sherif Shoukry Awad.



Date: 03/2023

