



Beni-Suef University
Faculty of Dentistry
Quality Assurance Unit



Course Specification

University: **Beni-Suef**

Faculty: **Dentistry**

Course Title: **General surgery, Ophthalmology and ENT**

Course code: **MGS4**

Program on which the course is given: **Bachelor's degree in Dentistry, Graduate program**

Departments offering the course: **General surgery, Ophthalmology, ENT Departments, Faculty of Medicine**

Date of specification approval: **September 2023**

A- Basic Information

Academic Year:	2023-2024
Course Code:	MGS4
Course Theoretical (contact hours):	2hrs/ week
Practical (contact hours):	1hrs/ week
Total Hours:	3 hrs/week
Prerequisite if any:	No

B-Professional Information:

1- Overall aims of course:

By the end of the course, the student should be aware with:

- 1- Basic general surgical knowledge concerned with the dental students.
- 2- Some basic knowledge about ENT.
- 3- Some basic knowledge about ophthalmology.

2- Intended learning outcomes of course (ILOs):

a- Knowledge and understanding:

- a1. Identify objectives of blood transfusion and describing blood groups.



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- a2. Define the causative organisms of surgical infection, distinguish between the different pathological types and describe how to treat acute abscess.
- a3. Identify the principal of distribution of body fluids and distinguish the different component of body electrolytes.
- a4. label anatomy and physiology of those organs.
- a5. Explain the different pathological varieties of these diseases.
- a6. Distinguish the different clinical pictures of the diseases.
- a7. Describe the different methods of investigations.
- a8. Identify the principles of treatment of those diseases.
- a9. Realize the incidence of trauma in Egypt.
- a10. Describe the principals of trauma life support program.
- a11. Identify the clinical picture of each type and the different pathological types of tongue ulcers.
- a12. Identify the embryological anatomy of face.
- a13. Identify the different pathological types of congenital malformations of the face.
- a14. Describe the clinical picture of cleft lip and cleft palate.
- a15. Describe types of wound healing.
- a16. Describe the different methods of surgical nutrition.
- a17. Describe surgical anatomy of the eye.
- A18. Describe surgical anatomy if ear, nose and throat.
- A19. Identify eye infection.
- A20. Identify ENT surgical infections and emergency.
- a21. Describe the different method of treatment of ENT emergencies.
- a22. Apply those knowledge to treat patients with disturbed body fluids.

b- Intellectual skills:

- b1. Training on problem solving of surgical cases to know the clinical presentation of such case.
- b2. Visualize a variety of slides of clinical cases to help in diagnosis.



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- b3. Master the principles of first aid management of trauma patient and burn patient.
- b4. Compare between the different clinical varieties of tongue ulcers.
- b5. Categorize the different methods of prevention of tongue ulcers.
- b6. Distinguish between the different types of wound complications.
- b7. Distinguish between different post-operative complications.
- b8. Distinguish between some common eye diseases.

c- Professional and practical skills:

- c1. Acquire the skills through audiovisual methods, slides and data show to present different clinical cases.
- c2. Present clinical subject and show the ability to present in two seminars held (one at each semester for the students.
- C3. Identify the professional and practical skills to prepare the patient for operations.
- c4. Apply the gained knowledge to treat patients with disturbed body fluids.

d- General and transferable skills:

- d1. Use the skills in answering the problem-solving questions.
- d2. Gain experience to be involved within a teamwork. Patient.



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3- Contents:

Topic	lecturer	Number of Lecture session covering the topic	Number of Practical sessions number covering the topic	Total Hours	Weighing of the topic	ILOs covered by this topic	Teaching method used for this topic	Assessment methods used for this topic
General Surgery								
Introduction to general surgery Nonspecific surgical infection	Dr. Ahmed	1	-	2 hrs	4.34%	a2, a4, a5	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Specific surgical infection Tetanus & gas gangrene	Dr. Ahmed	1	-	2 hrs	4.34%	a2, a6, a7, a8, b2	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Hemorrhage, blood grouping and blood transfusion	Dr. Ahmed	1	-	2 hrs	4.34%	a1	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Thyroid gland disorders	Dr. Ahmed	1	1	3 hrs	4.34%	a6, a7, a8, c1	4.a, 4.b, 4.c	5.a, 5.b, 5.c, 5.d, 5.e



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Ulcers , tongue ulcers Carcinoma of the tongue	Dr. Ahmed	1	1	3 hrs	4.34%	a12, a13, b5, b6, c1	4.a, 4.b, 4.c	5.a, 5.b, 5.c, 5.d, 5.e
Neck swelling (diagnosis & treatment) Midline neck swelling Cystic neck swelling	Dr. Ahmed	1	1	3 hrs	4.34%	a2, a5, a6, a7, a8, b2, c1	4.a, 4.b, 4.c	5.a, 5.b, 5.c, 5.d, 5.e
Antibiotic in surgery Acute infection Antiseptic measures, solutions	Dr. Ahmed	1	-	2 hrs	4.34%	a2, a8	4.a,4.b	5.a, 5.b, 5.c, 5.d
Accident and Emergency Surgery Head& Neck Injury (online)	Dr. Ahmed	1	-	2 hrs	4.34%	a1, a9, a10, a22, a23, b3	4.a,4.b	5.a, 5.b, 5.c, 5.d
Salivary glands disorders, Neoplasia	Dr. Ahmed	1	1	3 hrs	4.34%	a5, a6, a7, b1, b2	4.a, 4.b, 4.c	5.a, 5.b, 5.c, 5.d, 5.e
Congenital malformation of the face Cleft lip, cleft palate	Dr. Ahmed	1	1	3 hrs	4.34%	a14, a15, a16, b1	4.a, 4.b, 4.c	5.a, 5.b, 5.c, 5.d, 5.e



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Vascular malformation								
Fluid therapy body fluids Electrolyte balance, acid base balance	Dr. Ahmed	1	-	2 hrs	4.34%	a3,	4.a,4.b	5.a, 5.b, 5.c, 5.d
Pre-operative preparation Post-operative complication (online)	Dr. Ahmed	1	-	2 hrs	4.34%	a22, b9	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Surgical nutrition Wounds, types, wound healing, wound complications	Dr. Ahmed	1	-	2 hrs	4.34%	A15, a16, b8, b9	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Cardiac arrest, types, causes, management	Dr. Ahmed	1	-	2 hrs	4.34%	a5, a6, a7, a8	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Burns, stages, principles and treatment	Dr. Ahmed	1	-	2 hrs	4.34%	A16, a23, b3	4.a, 4.b	5.a, 5.b, 5.c, 5.d
E N T								
E N T, infection		1	-	2 hrs	4.34%	a20, a21	4.a, 4.b	5.a, 5.b, 5.c, 5.d
E N T, congenital malformations		1	-	2 hrs	4.34%	a22	4.a, 4.b	5.a, 5.b, 5.c, 5.d



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E N T, surgical emergencies		1	-	2 hrs	4.34%	a21, a22, b1, d1	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Ophthalmology								
Ophthalmology, infection		1	-	2 hrs	4.34%	A17	4.a, 4.b	5.a, 5.b, 5.c, 5.d
EYE anatomy & malformations		1	-	2 hrs	4.34%	A18	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Common eye diseases		1	-	2 hrs	4.34%	b10	4.a, 4.b	5.a, 5.b, 5.c, 5.d
Seminars on clinical cases		2	-	4 hrs	8.69%	b2, c1, c2, d1	4.a, 4.b, 4.c	5.a, 5.b, 5.c, 5.d, 5.e



4- Teaching and learning methods:

Lecture

Practical sections

Discussion sessions

Class activities

Assignments

5- Student assessment methods:

a. Written and short answer question	Yes
b. Written and long essay	Yes
c. Multiple choice questions (MCQ)	Yes
d. True or false question with justifying answer	Yes
e. Practical / OSPE	Yes
f. Oral examination	

Assessment schedule:

Quizzes	During the year
Assignments	During the 1 st and the 2 nd semesters
Practical exam	April/May 2024
Final exam	June 2024

Weighting of assessments:

Written	Practical	Oral Exam	Attendance / continuous assessment	Total
60 (40+10+10)		20	20	100



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List of reference;

- Course notes

Facilities required for teaching and learning:

- More time for clinical examination and practical practice.

Course coordinator: Prof. Dr. Ahmed Rashaad

Head of Department: Prof. Dr. Ahmed Rashaad

Date: 9 /2023