



**IBN SINA NATIONAL COLLEGE FOR MEDICAL
STUDIES, JEDDAH**

KINGDOM OF SAUDI ARABIA

Dentistry Program

Accredited By:



STUDENT HAND BOOK



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DENTISTRY PROGRAM MISSION

To graduate professional dentists with an aptitude to be innovative and life-long learners, through provision of knowledge, skills, ethical principles and research abilities in a motivating learning environment.

DENTISTRY PROGRAM OVERVIEW

- The Dentistry Program was introduced in the Year 2005.
- The Dentistry program mission aligns with the ISNC mission and attempts to provide outstanding education to the students through up-to-date laboratory and clinical facilities. It aims to enable its students to provide clinical dental care to the patients under the supervision of skilled and knowledgeable staff that altogether frame a stimulating learning environment. Dentistry program also focuses on motivating students towards research and understanding its contribution in dental fraternity.
- A nation's prosperity depends on good health and nourishment of its citizens which is directly related to healthy teeth and good oral health. In Saudi Arabia, nearly half of the nation's healthcare workforce is made-up by foreigners. In the first decade of this millennium, unprecedented changes were witnessed globally and in the Arab world specifically in the realms of economic slump and political volatility. These have impacted most countries in the region driving home a serious message for the need to become self-reliant in economy and correct social imbalances by radical reforms. Saudi Arabia, being the largest of

GCC countries with a large population, was proactive to this emerging challenge by seeking active participation of private contributions to nation building and self-reliance. Although Saudi Arabian citizens are coming out as qualified professionals in all the different fields, scarcity exists in health sector due to deficiency of seats in the government universities that offer Dentistry Program until recently.

- Hence ISNC provide Dentistry program along with other medical programs and was established so that the willing citizens of the country can adopt Dentistry as a profession, there by provide oral healthcare to the rural as well as urban population of the nation.
- Following the institutional mission to provide best educational opportunity in health sciences and a promise to establish appropriate scientific atmosphere, the Dentistry program in the institution has pledged through its mission statement. The Dentistry Program is administered keeping in mind the cultural and religious sensitivity in the Kingdom. Hence separate lecture classrooms and clinics have been provided for male and female students where similar state-of-the-art facilities are provided to both genders so that the education and clinical skills are imparted at the same level.
- Lecture rooms are provided separately for the male and female students respectively which are mirror images in infrastructure. A highly competent group of faculty and teaching staff from both within and outside the Kingdom contribute tremendously in moulding the prosperous future of ISNC students. The same faculty or the teaching staff delivers lectures or demonstrations

on any given topic to both male and female students separately to ensure that both genders of students graduate with the same knowledge and skills.

- The Dentistry program therefore is directly aligned with the institutional mission and vision.

ACCREDITATION BY: NATIONAL CENTRE FOR ACADEMIC ACCREDITATION AND ASSESSMENT

- ISNC is one of the few medical colleges across the Kingdom to be accredited by NCAAA.
- NCAAA accreditation assures that a program has met quality standards set for higher education institution of the Kingdom.
- Accreditation helps students and their parents choose quality college/programs.
- Accreditation enables the employers to recruit graduates who are well-prepared.
- Accreditation provides a structured mechanism to assess, evaluate and improve the quality of your program continuously.
- Accreditation is an important factor when a college or university is deciding whether to accept transfer credit from a student's previous school.

VICE DEAN DENTISTRY PROGRAM, DR. OTHMAN WALI

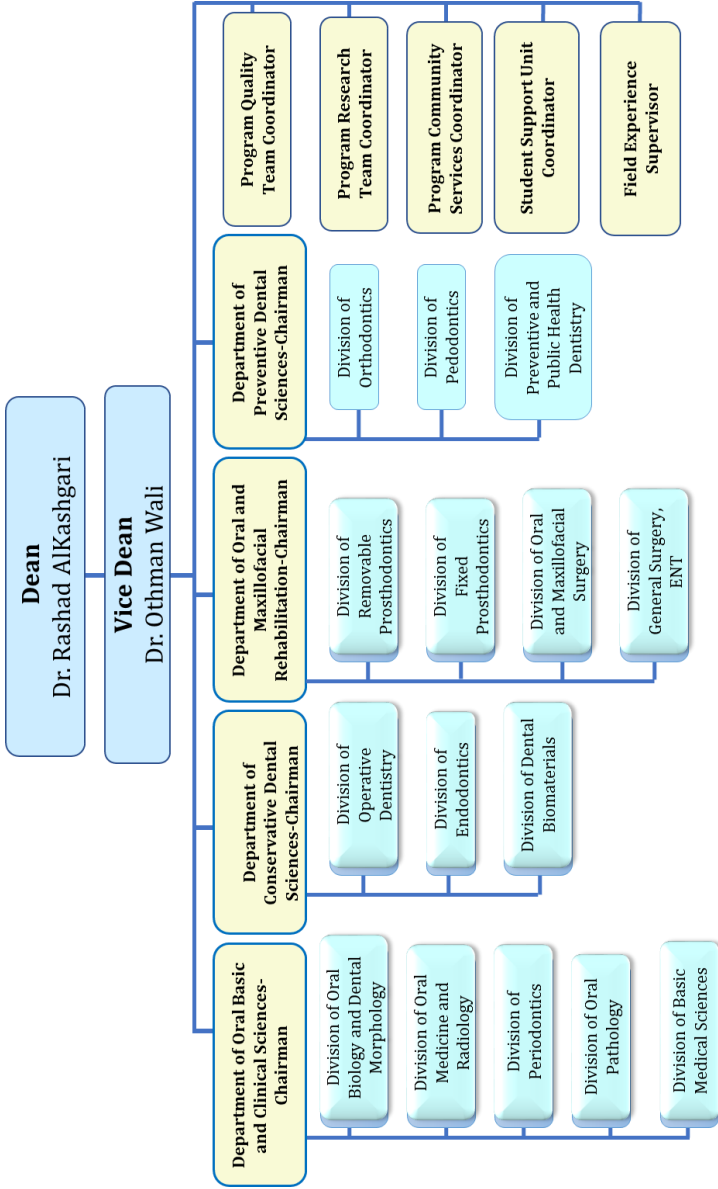
Graduated from the College of Dentistry, King Abdulaziz University, Jeddah, KSA in 1996. Further he went on to pursue Masters Degree from Karolinska Institute, Stockholm, Sweden in the year 2004 followed by the Swedish Board in Periodontology and Implants. He has a Fellowship in advanced Perio-Prosthodontics and Dental implants from University of Florida, Gainesville, United States. Currently, he is an active Member of the Saudi Council for Health Specialties, Saudi Dental Society, and International team for Implantology and American Association of Periodontology.

SUMMARY OF CREDIT HOURS & DURATION OF DENTISTRY PROGRAM

Preparatory Year	1 year	33 Credits
Dentistry Courses	5 years	165 Credits
Internship*	1 year	-
Total	7 years	198 Credits

The total credit hours in the dentistry program for all the years is 198 hours. Internship* is an integral part of the curriculum in the Dentistry program. The certificate will be awarded only after successful completion of the internship.

DENTISTRY - PROGRAM ADMINISTRATIVE STRUCTURE



PROGRAM GOALS

Goals	
Goal 1	Meet the regional and international dynamic needs of curriculum in dentistry.
Goal 2	Accelerate the process of introduction of Saudi Board and Masters' degree programs in clinical specialties of dentistry.
Goal 3	Achieve globally recognized practices of dental education and values of professional ethics.
Goal 4	Develop infrastructure and learning resources as per curriculum needs.
Goal 5	Promote continuous education programs for faculty in the field of higher education and contemporary dental practice.
Goal 6	Improve electronic platforms for classroom management, student communications, curricula tracking and assessments.
Goal 7	Enhance program monitoring system to reinforce quality practices.
Goal 8	Ensure safe teaching and learning environment following the relevant risk management protocols.
Goal 9	Increase scientific research and scholarly activities among staff and students by engaging in interdisciplinary and community based research.
Goal 10	Inflate community services and health awareness campaigns to reach people from all socioeconomic backgrounds.

DENTISTRY PROGRAM GRADUATES' ATTRIBUTES (GAS)

GAs	The learning outcomes of the ISNC's Graduates' Attributes (GAs) for the undergraduate Programs
GA1	<p>SCIENTIFIC KNOWLEDGE Dentistry graduates will have the knowledge of biomedical, clinical and material sciences to aid patients in clinical practice.</p>
GA2	<p>EVIDENCE-BASED CLINICAL PRACTICE Dentistry graduates will use their personal and intellectual autonomy to critically evaluate ideas, evidence and experiences and apply them in their clinical practice.</p>
GA3	<p>PATIENT CENTERED CARE Dentistry graduates will be proficient in providing comprehensive oral care molded with individualized patient-service approach.</p>
GA4	<p>LIFELONG LEARNING Dentistry graduates will seek continuous personal and academic learning that leads to personal and professional growth and development.</p>
GA5	<p>ETHICAL PRACTICE AND PROFESSIONALISM Dentistry graduates will act ethically and professionally in order to meet their patient needs within the given economic, environmental, social and health-related guidelines. Dentistry graduates will be effective and proactive individuals who positively adapt to new situations with integrity and professionalism.</p>
GA6	<p>INNOVATION Dentistry graduates will be competent in research skills through which they will innovate new concepts in managing healthcare problems.</p>

GA7	<p>COMMUNITY SERVICES</p> <p>Dentistry program graduates will draw on the quality and profoundness of their expertise to promote health in community with an informed national vision and international perspective.</p>
GA8	<p>LEADERSHIP</p> <p>Dentistry graduates will lead and supervise teams using skills that contribute to their success.</p>
GA9	<p>TEAMWORK</p> <p>Dentistry graduates will engage effectively on professional and social levels with health-providing teams as well as with the community at large.</p>
GA10	<p>DIGITAL LITERACY</p> <p>Dentistry graduates will have the ability to identify and use technology confidently and creatively to meet the demands and challenges of living, learning and working in a digital society.</p>

CURRICULUM STUDY PLAN

Level	Course Code	Course Title	Pre-Requisite Courses	Credit Hours	Type of requirements (College or Program or IPE or Elective)
Level 1	ENGL 101	English for academic purposes - 1	Foundati on Year Phase courses are prerequi site for the preclin ical and clinical phase	7(6+1+0)	College
	PHYS 101	Medical physics		3(2+1+0)	College
	ITHS 101	Information technology for health sciences		2(1+1+0)	College
	EDU 101	Study skills		2(1+1+0)	College
	ARAB 101	Medical terminology		2(2+0+0)	College
Level 2	ENGL 102	English for academic purposes-2		4(3+1+0)	College
	ARAB 102	Arabic language		2(2+0+0)	College
	CHEM 102	Chemistry for health sciences		4(3+1+0)	College
	ISLM 102	Islamic ethics		2(2+0+0)	College
	BIOL 102	Cell biology and genetics		3(2+1+0)	College
	EDU102	Communication skills		2(1+1+0)	College
Level 3	OBC 201	Body system in health	-	7(5+2+0)	Program
	OBC 203	Dental Biochemistry	-	4(3+1+0)	Program
	ISLM 407	Ethics & professionalism	-	2(1+1+0)	IPE
	OBC 202	Head and neck	OBC 201	6(3+3+0)	Program

Level	Course Code	Course Title	Pre-Requisite Courses	Credit Hours	Type of requirements (College or Program or IPE or Elective)
Level 4	OBC 205	Microbiology & immunology	-	3(2+1+0)	Program
	CDS 201	Basic dental biomaterials	-	2(2+0+0)	Program
	PDS 201	Introduction to dentistry	-	1(1+0+0)	Program
Level 3&4	OMR 201	Dental Anatomy	-	4(2+2+0)	Program
Level 5	OBC 301	Oral Cavity in Health	-	6(3+3+0)	Program
	OBC 303	Oral Radiology Techniques	-	2(1+1+0)	Program
	OBC 304	Pharmacology	OBC 201	1(1+0+0)	Program
	OBC 305	General Pathology	OBC 201	3(2+1+0)	Program
	SAFE 407	Patient Safety	ISLM 407	2(1+1+0)	IPE
Level 6	OBC 302	Oral Cavity in Disease	OBC 301	6(2+3+1)	Program
	OBC 306	Body System in Disease	OBC 305	2(1+1+0)	Program
	CDS 302(A-D)	Elective -1	-	2	Elective
	OMR 301	Local Anesthesia	OBC 202	2(1+1+0)	Program
	PDS 301	Psychology & Behavioral health	-	1(1+0+0)	Program
Level 5&6	CDS 301	Preclinical Operative Dentistry	CDS 201 OMR 201	6(2+4+0)	Program
Level 7	RESM 407	Research Methodology and Biostatistics	-	3(2+1+0)	IPE

Level	Course Code	Course Title	Pre-Requisite Courses	Credit Hours	Type of requirements (College or Program or IPE or Elective)
Level 8	PDS 402	Preclinical Pediatric Dentistry	CDS 301	2(1+1+0)	Program
	PDS 403	Dental Public Health-1	RESM 407	2(1+1+0)	Program
	CDS 403 (E-L)	Elective -2	-	1	Elective
	PROJ 408	Research Project-1	RESM 407	1	IPE
Level 7&8	OBC 401	Clinical Periodontics-1	OBC 302	4(2+0+2)	Program
	OMR 403	Clinical Oral Surgery-1	OMR 301	3(1+0+2)	Program
	PDS 401	Diagnosis, Treatment Planning and Prevention-1	OBC 302	2(0+0+2)	Program
	OMR 401	Preclinical Removable Prosthodontics	OMR 201 CDS 201	6(2+4+0)	Program
	OMR 402	Preclinical Fixed Prosthodontics	OMR 201 CDS 201	6(2+4+0)	Program
	CDS 401	Preclinical Endodontics	CDS 301	3(1+2+0)	Program
	CDS 402	Clinical Operative Dentistry - 1	CDS 301	4(2+0+2)	Program
Level 9	OMR 501	Clinical Oral Surgery-2	OMR 403	2(1+0+1)	Program
	OMR 502	Oral and Maxillofacial Diseases-I	OBC 302	5(2+2+1)	Program
	PROJ 509	Research Project 2	PROJ 408	1 (0+1+0)	IPE
Level 10	OMR 503	Oral and Maxillofacial Diseases-II	OMR 502	4(2+1+1)	Program
	PDS 503	Evidence Based Dentistry	-	1(1+0+0)	Program

Level	Course Code	Course Title	Pre-Requisite Courses	Credit Hours	Type of requirements (College or Program or IPE or Elective)
	OMR 505	Management of Orofacial pain	OMR 501	2(1+1+0)	Program
	CDS 503 (E-L)	Elective 3	-	1	Elective
Level 9&10	PDS 501	Diagnosis, Treatment Planning and Prevention -2	PDS 401	2(0+0+2)	Program
	OBC 501	Clinical Periodontics-2	OBC 401	4(2+0+2)	Program
	PDS 502	Clinical Pediatric Dentistry-1	PDS 402	4(2+0+2)	Program
	CDS 501	Clinical Endodontics	CDS 401	3(1+0+2)	Program
	CDS 502	Clinical Operative Dentistry-2	CDS 402	3(1+0+2)	Program
	OMR 504	Replacement of Teeth	OMR 401 OMR 402	6(2+0+4)	Program
	Level 11	PDS 601	Preclinical Orthodontics	-	2(1+1+0)
OMR 601		Hospital Dentistry	-	2(1+1+0)	Program
OMR 602		Fundamentals of Implant Dentistry	-	2(1+1+0)	Program
Level 12	PDS 602	Clinical Orthodontic	PDS 601	2(1+0+1)	Program
	CDS 601 (E-L)	Elective-4	-	1	Elective
	PDS 605	Dental Practice Management & Leadership	-	1(1+0+0)	Program
Level 11&12	PDS 603	Clinical Pediatric Dentistry - 2	PDS 502	3(1+0+2)	Program
	PDS 604	Dental Public Health and Community Dentistry	PDS 403	4(2+1+1)	Program

Level	Course Code	Course Title	Pre-Requisite Courses	Credit Hours	Type of requirements (College or Program or IPE or Elective)
	OMR 603	Comprehensive Care Clinic	OMR 505 PDS 501 OMR 503 OBC 501 OMR 504 CDS 501 CDS 502	11(0+3+8)	Program

* Include additional levels if needed

** Add a table for each track (if any)

PROGRAM LEARNING OUTCOMES

Knowledge and Understanding	
K1	Describe basic bio-medical, technical, and clinical knowledge relevant to dental practice
K2	Recognize the elements of the Saudi health care system that are required for successful delivery of comprehensive oral care.
Skills	
S1	Interpret patient history, clinical, radiographic, and laboratory information to establish an appropriate diagnosis of oral and maxillofacial abnormalities.
S2	Formulate a comprehensive management plan to meet the individual needs of dental patients.
S3	Analyze and integrate up-to-date, evidence-based knowledge, in the provision of patient care.
S4	Utilize the principles of health promotion to prevent oral diseases in the community.
S5	Employ basic research methodology and principles of scientific enquiry to conduct research as part of a research team.

S6	Employ information technology including dental informatics in health care system.
S7	Manage medical and dental emergencies encountered in clinical dental practice.
S8	Perform competently clinical examination, preventive and therapeutic care for restoration and maintenance of function, esthetics, health, and integrity of oral and maxillofacial structures.
Values	
V1	Maintain a safe clinical environment following quality assurance guidelines, in dental practice including; infection control, risk management, audits, radiation hazards, occupational hazards, and appropriate material and equipment handling.
V2	Demonstrate professional skills, management, leadership, and life-long learning abilities in dental care.
V3	Apply Islamic values and ethical principles in the provision of dental care, while maintaining professional integrity with colleagues, patients, their families, and the community.
V4	Employ basic psychosocial principles in communicating and collaborating with patients in remodelling their behaviour.

TEACHING METHODS

Knowledge and Understanding

- Lectures
- E- Learning
- Flipped classroom
- Audiovisual
- Practical sessions
- SDL
- Interprofessional education sessions

Skills

- Case based learning
- Work up of clinical case
- Evidence based session
- Seminar
- Laboratory slide discussion
- Clinico-pathologic conference
- Clinical chairside discussions
- Self-Directed Learning
- Demonstration
- Project
- Clinical teaching

- Flipped classroom
- Clinical chairside discussions
- SDL
- Case based learning
- Practical sessions
- Project based learning
- Demonstarion
- Simulations
- Audio visual aids
- Case based learning
- Demonstrations (Clinical/Laboratory)
- Clinical training
- Audio-Visual

Values

- Demonstration
 - Clinical teaching
 - Audiovisual
 - Case based learning
 - Ethical dilemma
 - Simulation
 - Clinical chair side discussions
- SDL

ASSESSMENT METHODS

Knowledge and Understanding

- MCQ
- EMQ
- Written exam
- Short answer
- Essay
- SOE
- Simple matching

Skills

- OSC-PE
- Mini CEX/Clinical Exam
- DOPS
- Case based written examination
- Case based discussion
- EMQs
- MPE
- Portfolio
- MCQs
- SAQs
- Assignment

- Case presentation
- Evidence based assignment
- Portfolio assessment
- Project
- Critical review of literature
- Research assignment
- Chart
- Daily clinical assessment
- Project based assessment
- Lab/ Clinical exam
- WBA (portfolio)

Values

- DOPS
- Project
- Project based assessment
- Portfolio
- Logbook
- Incident reports
- Case based discussion
- Ethical dilemma

Grading and GPA

Dentistry program follows the universal grading system

Symbol	Mark limit	Points		Interpretation
A+	95- 100	5.0	4.0	Exceptional
A	90-95	4.75	3.75	Excellent
B+	85-90	4.5	3.5	Superior
B	80-85	4.0	3.0	Very Good
C+	75-80	3.5	2.5	Above Average
C	70-75	3.5	2.0	Good
D+	65-70	2.5	1.5	High Pass
D	60-65	2.0	1.0	Pass

DRESS CODE

Students dress should reflect high standards of personal self-image so that each student may share in promoting a positive, healthy and safe atmosphere within the College community. Appropriate distinction is made between the proper attire for class, practical/clinics, formal affairs, relaxation, and play. In general a student is expected wear **Royal Blue Color** scrub suit and a lab coat. In addition the female students are advised to abide by the Islamic dress code. Must wear Lab coat, Full Shirt and Trouser (Males), Head cover (Female). Weird designed dresses are not allowed, No casual dress allowed. Must wear shoes; slipper and sandals are not allowed.

IMPORTANT CONTACTS AND NOTES

Sno	Name	Contact Number: 6356555 Ext	
		Male	Female
1.	Secretary of Vice Dean	314	
2.	Maintenance Department	639	132
3.	Admission/Registration	403/106	131
4.	Academic Affairs	222	277
5.	Student Affairs	105	129
6.	Student Support Unit	455	453
7.	Library	110	445
8.	Research Center	441	
9.	Community Service Unit	346	
10.	Finance	175	

NOTE:

1. If student fails to report/attend the classes in the first three weeks after the commencement of the semester, he/she is disqualified from that semester.
2. If a student discontinues the studies in ISNC without prior intimation, then a fine is imposed on the student.
3. If student studies three weeks in a semester and later discontinues he/she is not eligible for any refund.



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