



Student Handbook

Faculty of Dentistry

Hasanuddin University 2021-2022

Vision

"A Center for Human Development, Science and Technology, Arts and Culture that excels in the field of Dentistry based on maritime continents"

Mission

- ***Have the ability to apply and disseminate dental science and technology based on ethics and morals.***
- ***Improving the quality of learning with competency-based SCL methods and providing a quality learning environment to support innovative and proactive learning***
- ***Responding to changes and developments in dental science and technology***

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Chapter 1. Doctor of Dental Medicine

Introduction

This study program was established in 1983 according to the Indonesian Ministry of Education and Culture (Indonesian Ministry of Education and Culture Decree No. 0563/O/1983). DDM is a type of professional education directed at mastering and applying knowledge in the field of dentistry to graduate dentists before they can continue to a specialist program. In order to graduate, students must complete two stages; bachelor and clerkship degree, which comprises general science, basic and clinic medical and dental science, applied dental science, and dental public health. Courses are delivered in Bahasa for regular class and English for international class.

DDM Study Program has been accredited “Excellent” for the bachelor stage and clerkship program in 2021 by LAM-PTKes Decree No: 0297 / LAM-PTKes / Akr / Sar / VIII / 2021, valid until August 27th, 2022. The development of DDM study program is guided by the strategic plan, vision and mission of Hasanuddin University (Unhas) as an educational institution that aims to be the leading center in the development of human, science, technology, arts and culture based on the Indonesian Maritime Continent. With regard to the revitalization of the university vision and missions in 2010, and responding to the rapid change in the development of science and technology, globalization, and economic growth, DDM has developed a vision, mission, and aim to address those issues.

Vision & Mission

Vision

A Center for Human Development, Science and Technology, Arts and Culture that excels in the field of Dentistry based on maritime continents.

Mission

- Have the ability to apply and disseminate dental science and technology based on ethics and morals.

- Improving the quality of learning with competency-based SCL methods and providing a quality learning environment to support innovative and proactive learning
- Responding to changes and developments in dental science and technology

Intended Learning Outcome (ILO)

Intended learning outcome consist:

1. Be competence to perform a professional dentist in accordance with ethical and legal standards based on the five principles of PANCASILA
2. Apply psychosocial sciences, culture, and humanity to perform dental practices within one's scope of competence and consult with or refer to professional colleagues when indicated;
3. Apply basic concepts of medical and dental sciences as well as utilize marine natural resources to support dental practices and research;
4. Actualize both medical and dental clinical sciences to perform dental practices effectively and efficiently;
5. Utilize information through a variety of media to keep updating with the recent development of dental science and technology for better dental services;
6. Demonstrate team working skills and to collaborate with other health professions in patient management;
7. Perform therapeutical communication, general physical and stomatognathic system examination, diagnose, and to develop a dental treatment plan and to establish prognosis in the form of medical record;
8. Perform a restoration of the stomatognathic system through dental clinical management and documentation in the form of a medical record;
9. Perform medical treatments in emergency and medical compromised patients;
10. Perform management functions in dental practices to analyze public health problems and to provide innovative solutions using evidence-based dentistry approaches.

Graduate Profiles

The objectives of this study program, Doctor of Dental Medicine (DDM), are to produce graduates with competencies as a professional dental care provider, decision-maker, communicator, community leader, manager, creator and innovator, as well as lecturer or researcher which can be described as below:

a. Care Provider

Be able to treat patients holistically, as individuals and as part of families and communities, and provide continuous quality care within the sphere of a trustworthy and mutually beneficial doctor-patient relationship

b. Decision maker

Be able to choose appropriate technology to be used in enhancing proper and low-cost health services

c. Communicator

Be able to promote a healthy lifestyle with effective counselling and appropriate advice in a cultural and economic context, thereby improving individuals and groups health

d. Community leader

Be able to identify the health needs of individuals and groups so that they can play a role in motivating the community to participate in improving the community's oral and dental health

e. Manager

Be able to work effectively and harmoniously with other people both inside and outside the health care organization system to find out what aspects the patient and society need

f. Creator and innovator

Being responsive and liable toward health needs in the environment and having creativity and innovation to make changes and solutions to improve the health status of the community

g. Lecturer or researcher

Be able to act as professional educators and scientists, who are always able to develop themselves according to the advancement of science and technology appropriately through the addition of knowledge and research.

Graduates are mostly well accepted as an employer in the Ministry of Health, the Ministry of Defense, the Ministry of Research, Technology, and Higher Education, to perform medical services in the government hospital and become a lecturer in universities as well as to perform dental services in a private clinic. The objectives of DDM are aligned with vision and mission from the Faculty and the university. Details can be seen on <https://dent.unhas.ac.id/visi-misi-dan-tujuan/>. The objectives are aligned with the Subject-Specific Criteria (SSC) adopted from the World Federation for Medical Education, coherence to the vision and missions of university and faculty as mentioned above.

Enrollment Procedure

This program has four entry options: National Selection of State University Entrance, Joint Entrance Selection of State Universities, Local/Independent Selection Entrance, and International Selection.

The specific entry requirement for each enrolment option:

1. National Selection of State University Entrance (SNMPTN)
 - a. SNMPTN is conducted based on academic achievement tracking by using an academic record from the first to the fifth semester for 3 years of senior high school and academic portfolio.
 - b. Schools whose students apply by SNMPTN must have a National School Principal Number (NPSN) and the student's academic performance is registered at the Database of School and Student.
 - c. Applicants have National Student Identity Number, have superior academic performance, and are documented in the Database of School and Student.
2. Joint Entrance Selection of State Universities (SBMPTN)
 - a. Graduates of secondary high school must have a diploma.
 - b. Graduates of secondary high school must have at least a Certificate of Graduation, which contains information of student identity, current passport photo, and stamped.
3. Local University Entrance (Non-Subsidiary Pathway)
 - a. Registered as participants of SBMPTN.

- b. Those who have passed SBMPTN are not allowed to register.
 - c. Must have enrolled in one of Hasanuddin University's study
4. International Selection Entrance.
- a. Graduates of secondary high school must have a diploma.
 - b. Graduates of secondary high school must have at least a Certificate of Graduation, which at least contains information of student identity, current passport photo, and stamped.
 - c. Students from abroad have allowed enrolling Transfers from/to the conventional system of qualification.

Student admission systems for SNMPTN and SBMPTN are arranged by the government through University Entrance Test Institute (<https://tmpt.ac.id>). Local university entrance (non-subsidiary pathway) and international class programs are organized and managed independently by the university. Specific requirements for prospective students are neither blind nor having low vision as well as totally or partially color blind which may affect clinical treatment.

Curriculum

The curriculum was subsequently presented as course modules of BDS and DDM. BDS leading to DDM program consists of 7 mandatory course modules (14 CP/21.35 ECTS) and compulsory 31 course modules (130 CP/323.99) ECTS for BDS and only compulsory course modules (30 CP/107.69 ECTS) for the DDM. The course module is a set of multi-discipline learning materials compiled to achieve ILOs. The course is supposed to complete in 7 semesters for BDS and 4 semesters for DDS. Mandatory course modules are required by university to complete BDS program and the compulsory course modules are designed to achieve competencies of BDS and DDS. The BDS program's curriculum core of first to second year program comprises general science, basic medical and dental science. The 3rd – 7th semester comprises clinical dental sciences and dental public health. The 8th -11th semester is the DDM program, the stage of professional dental education (clerkship stage) based on hospitals and communities implementing knowledge and skills that the students previously acquired.

DDS program extended student category for international attendance where all the academic activities comply with using English. Some students have an opportunity to join in exchange student program yearly. Furthermore, some students

from Japan and Netherland also came to Faculty of Dentistry Hasanuddin University as students exchange.

Curriculum of DDM Program

SEM	COURSE							
XI	Marine Innovation in Dentistry (2 CP /7,18 ECTS)							
X	Prosthodontics Clinic (4 CP/14,36 ECTS)			Dental Public Health (3 CP/10,77 ECTS)		Integration/Holistic Care (1 CP/3,59 ECTS)		
IX	Conservative Dentistry Clinic (4 CP/14,36 ECTS)			Pediatric Dentistry Clinic (3 CP/10,77 ECTS)		Orthodontics Clinic (3 CP/10,77 ECTS)		
VIII	Radiology (1 CP/3,59 ECTS)		Oral Disease Clinic (2 CP/7,18 ECTS)	Periodontics Clinic (3 CP/10,77 ECTS)		Oral and Maxillofacial Surgery Clinic (4 CP/14,36 ECTS)		
VII	Oral Rehabilitation 2 (6 CP/7,93 ECTS)		Gerodontology (2 CP/2,64 ECTS)	Research and Entrepreneurship (2 CP/2,64 ECTS)	Bachelor Degree Thesis (4 CP/12,44 ECTS)		Comprehensive OSCE (2 CP/2,64 ECTS)	
VI	Soft Tissue 2 (3 CP/3,97 ECTS)	Stomatognathic System 2 (4 CP/5,29 ECTS)	Dental Ethic, Law and Forensic (4 CP/5,29 ECTS)	Oral Rehabilitation 1 (6 CP/7,93 ECTS)	Epidemiology, Management and Health Policy (3 CP/3,97 ECTS)		Community Services (4 CP/5,29 ECTS)	
V	Periapical-pulp Disease (7 CP/9,26 ECTS)		Stomatognathic System 1 (4 CP/5,29 ECTS)	Oromaxillofacial 2 (6 CP/7,93 ECTS)		Medical and Dental Emergency (2 CP/2,64 ECTS)	Research Method and Biostatistic (3 CP/3,97 ECTS)	
IV	Hard Tissue Disease 2 (6 CP/7,93 ECTS)			Periodontal Disease (5 CP/6,61 ECTS)		Oromaxillofacial 1 (6 CP/7,93 ECTS)		
III	Pancasila (2 CP/2,64 ECTS)	Soft Tissue 1 (3 CP/3,96 ECTS)	Growth and Developmental (5 CP/6,61 ECTS)		Dental Community (3 CP/3,97 ECTS)		Hard Tissue Disease 1 (4 CP/5,29 ECTS)	
II	Civic Education (2 CP/2,64 ECTS)	Science-Tec hnology Perspective (2 CP/2,64 ECTS)	English (2 CP/2,64 ECTS)	Basic Dental Science 1 (5 CP/6,61 ECTS)	Basic Dental Science 2 (5 CP/6,61 ECTS)	Medical Clinic Science (4 CP/5,29 ECTS)	Dental Clinic Science (4 CP/5,29 ECTS)	
I	Bahasa (2 CP/2,64 ECTS)	Religion Education (2 CP/2,64 ECTS)	Maritime Social Culture (CP/2,64 ECTS)	Study skills, IT & Scientific Writing Methodology (3 CP/3,97 ECTS)	Biomedic (CP 5/6,61 ECTS)	Basic Medical Science 1 (5 CP/6,61 ECTS)	Basic Medical Science 2 (5 CP/6,61 ECTS)	

General Science
 Basic Medical & Dental Sci
 Dental Public Health
 Clinical Dental
 Applied Dental

Payment of Tuition

Level of Tuition	Tuition Fee
Level 1	IDR 0 - 500.000
Level 2	IDR 600.000 & IDR 750.000
Level 3	IDR 2.000.000
Level 4	IDR 2.400.000
Level 5	IDR 4.500.000
Level 6	IDR 7.000.000
Level 7	IDR 10.000.000
International Students:	
Registration Fee	IDR 1.000.000
Tuition Fee	IDR 22.500.000
Admission Fee	IDR 200.000.000

Facilities

There are some of the facilities available at Hasanuddin University, such as:

1. City Park
2. Jogging Track
3. Auditorium
4. Sport Center
5. Central Library
6. Language Center (American Corner, Chinese Cultural Activity Corner, Korea-Indonesia Cultural Corner, etc.)
7. Hasanuddin University Hospital
8. Hasanuddin University Dental Hospital

DDM study program is equipped with sufficient and updated infrastructure, such as:

1. Standardized OSCE Center
2. CBT room

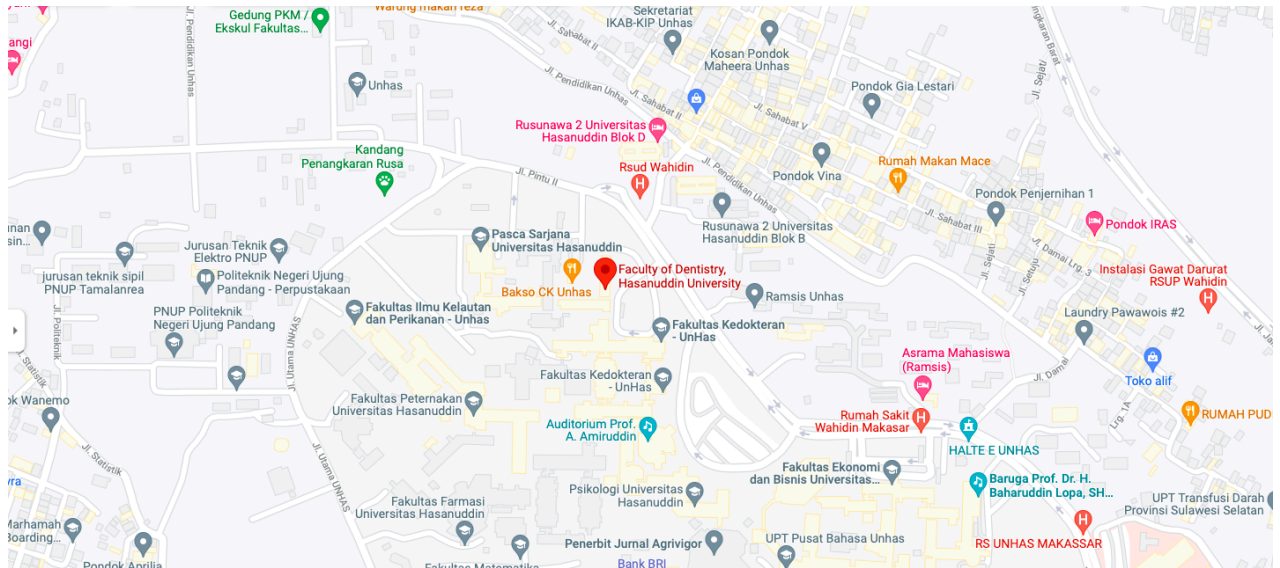
3. 3 Tutorial rooms
4. 3 Lecture rooms for international class
5. 3 Halls
6. Cone Beam Computed Tomography
7. Classic Dental Simulator
8. Microsurgery
9. eyeMag Medical Loupes
10. Laboratories (Oral Biology, Endodontic and Paediatric, Prosthodontic and Orthodontic, Computer)
11. IT Facilities
12. Single Sign-on System (SSO)
13. Library
14. Reading Room
15. Cafeteria

Extracurricular

1. Student Executive Board
2. Student Consultative Assembly
3. Professional Student Council
4. Dental Study Assistant
5. Islamic Student Association
6. Christian Student Association
7. Buddhist Medical Student Association
8. Catholic Medical Student Association
9. Graphic Design
10. Futsal
11. Badminton
12. Table Tennis
13. Basketball
14. Volleyball
15. E-sport
16. Photography
17. English club

18. Dance club

Access



International Students

All students from abroad will be included in the international class program. This international class program has been established since 2019. The curriculum used is the same as the regular class but with lecture delivery and material in English. In this program, students will have the opportunity to attend lectures in university-partner so that students will have a global perspective.

Chapter 2. Prosthodontic Specialist Program

Introduction

The establishment of the Prosthodontic Specialist Program is in coherence of developments in dentistry. Prosthodontics is a branch of Clinical Dentistry that has been agreed by *Stakeholders* related and approved by the Indonesian Medical Council (IMC). Basic agreement is in accordance with the requirements in the philosophy of science, that a knowledge can be said to be a science if it fulfils several criteria.

In 2010, the Faculty of Dentistry, Hasanuddin University began to open Prosthodontic Specialist Program according to the Decree of the Minister of National Education, no. 83/D/T/2010 January 25, 2010, concerning the permit for the implementation of the Specialist Dentist Education Program Hasanuddin University Prosthodontics

The title “Prosthodontics” is based on the definition of Prosthodontics according to *Glossary of Prosthodontics terms*, which is "the branch of dentistry that deals with restoration and maintenance of function, comfort, appearance and oral health of patients with restoration of natural teeth and/or replacement of teeth also oral and maxillofacial tissues adjacent ones that were lost by artificial means”.

The scope of the Prosthodontic Specialist Program consists of the seven fragmentations of Prosthodontics which are expected to solve clinical problems in the field of Removable Dentures, Fixed Dentures, Gnathology, Gerodontology, Maxillofacial and *Dental Implant* through the development of molecular biology and nanotechnology in the basic sciences of Dentistry such as Prosthodontic Aesthetics, as well as the development of Dentistry and Medicine. We formulated the ILO based on this scope. The title attached to the Prosthodontic Specialist Program is Prosthodontist (Indonesian title: Spesialis Prostodonsia/Sp. Pros).

Vision & Mission

Vision

Making the Prosthodontic Specialist Dentist Education Program FKG UNHAS a center for the development of superior science, technology and research at the national level and able to compete at the international level based on the Indonesian maritime continent.

Mission

- Organizing quality academic education to produce independent and superior intellectuals at the national level and able to compete at the international level.
- Develop science, technology and art in the prosthodontic residential education system.
- Produce and carry out superior research and service in the field of prosthodontics specialists that are beneficial to the community.
- Organizing a modern and digital-based prosthodontic residential education system.

Intended Learning Outcome (ILO)

Intended learning outcomes in the competency standards of prosthodontic specialist upon graduation are formulated as follows:

1. To have graduates that believe in God, professional, with Pancasila values in providing treatments.
2. To demonstrate in-depth theory and applicative knowledge of basic medicine and dentistry to support advanced removable and fixed denture design principles and its esthetic rehabilitation.
3. To demonstrate in-depth theory and applicative knowledge of temporomandibular joint structure, jaw movement biomechanics, static and functional occlusion, and temporomandibular disorder.
4. To demonstrate in-depth theory and applicative knowledge of gerontology, maxillofacial prosthetic, logopedic and gnathology for specific oral rehabilitation.

5. To be able to communicate effectively in a team work, an independent decision maker and a critical evaluator in solving problems.
6. To be able to make, publish and document scientific reports for the benefit of the profession and government national policy.
7. Perform treatment in patients with full and partial edentulous using both fixed and removable denture, veneer, bleaching, crown lengthening, precision attachment and implant.
8. Perform treatment in patients with maxillofacial conditions using logopedic principal.
9. Perform treatment in patients with temporomandibular joint disorder.

Graduate Profiles

The objective of the Prosthodontic Specialist Program is to produce prosthodontists with competencies as a professional prosthodontist, lecturer, researcher, prosthodontic consultant, and manager who are able to compete internationally, which can be described as follow:

- a. Graduates who are academically competent and professional, with an understanding of local wisdom as a result of the student-centered learning approach and the long-term learning concept, in order to manage the stomatognathic system problem;
- b. Graduates will have a teaching qualification as lecturer that is relevant to the level of teaching responsibility in prosthodontic, with good communication skills also working in any educational environment;
- c. Graduates who are capable of satisfying evidence-based medical-dentistry and public health requirements, conducting research that supports clinical application of prosthodontics, and becoming national references for prosthodontic cases;
- d. Graduates can become an honorary consultant registered for prosthodontics and rehabilitative dentistry with highly and experienced skills to accept referrals for more complex prosthodontic cases;
- e. Graduates who are reliable to work in health care industry with honesty, ethics, confidence and having integrity while making fair decisions based on the community needs in order to lead a healthcare organization to excellence.

Enrollment Procedure

This program has a local/Independent admission route with admissions twice a year or every semester. Applicants must fulfil the requirement below along with several documents stated in university's website (<https://regpmb.unhas.ac.id/>)

- a. Copy of academic transcript, minimum GPA of 2.50.
- b. Maximum study period in DDM study program is 10 (ten) years.

The university carries out student admission for this program through the university's official website (<https://regpmb.unhas.ac.id/>). Prospective students will go through a series of tests, including English proficiency tests, personality tests, dental knowledge tests, and interviews. Other special requirements are having written recommendations from professional organizations and also having physical health and drug-free certificates from a government hospital. Admission entry fees refer to the newest Decree of Rector of Hasanuddin University Number 1632/UN4.1/KEP/2020 about the credit transfer system policy.

Curriculum

The Prosthodontic Specialist Program comprises 56 CP equivalent with ECTS 187.2. This curriculum consists of 19 mandatory courses, with specific courses assigned to each semester to match the program's Learning Outcome requirements.

Curriculum of Prosthodontics Specialist Program

Semester 5 (8 CP; 30.85)	COURSE							
	Thesis (4 CP/23.6 ECTS)	Comprehensive Exam (4 CP/7.25 ECTS)						
Semester 4 (6 CP; 26.88 ECTS)	COURSE							
	Clinical Prosthodontic V (3 CP/13.44 ECTS)	Clinical Prosthodontic VI (3 CP/13.44 ECTS)						
Semester 3 (12 CP; 53.76 ECTS)	COURSE							
	Surgical Prosthodontic (3 CP/13.44 ECTS)	Clinical Prosthodontic III (4 CP/17.92 ECTS)	Clinical Prosthodontic IV (4 CP/17.92 ECTS)	Scientific Presentation (1 CP/4.48 ECTS)				
Semester	COURSE							

2 (14 CP; 46.72 ECTS)	Clinical Prosthodontic I (4 CP/17.92 ECTS)	Clinical Prosthodontic II (3 CP/13.44 ECTS)	Maxillofacial Prosthodontic (3 CP/5.44 ECTS)	Research design (3 CP/5.44 ECTS)	Case report (1 CP/4.48 ECTS)	
Semester 1 (16 CP; 29.01 ECTS)	COURSE					
	Fundamental of Prosthodontic I (3 CP/5.44 ECTS)	Fundamental of Prosthodontic II (3 CP/5.44 ECTS)	Academic Prosthodontic I (4 CP/7.25 ECTS)	Academic Prosthodontic II (3 CP/5.44 ECTS)	Gnathologi (2 CP/3.63 ECTS)	Scientific Writing (1 CP/1.81 ECTS)

Payment of Tuition

IDR 15.000.000 per each semester.

Facilities

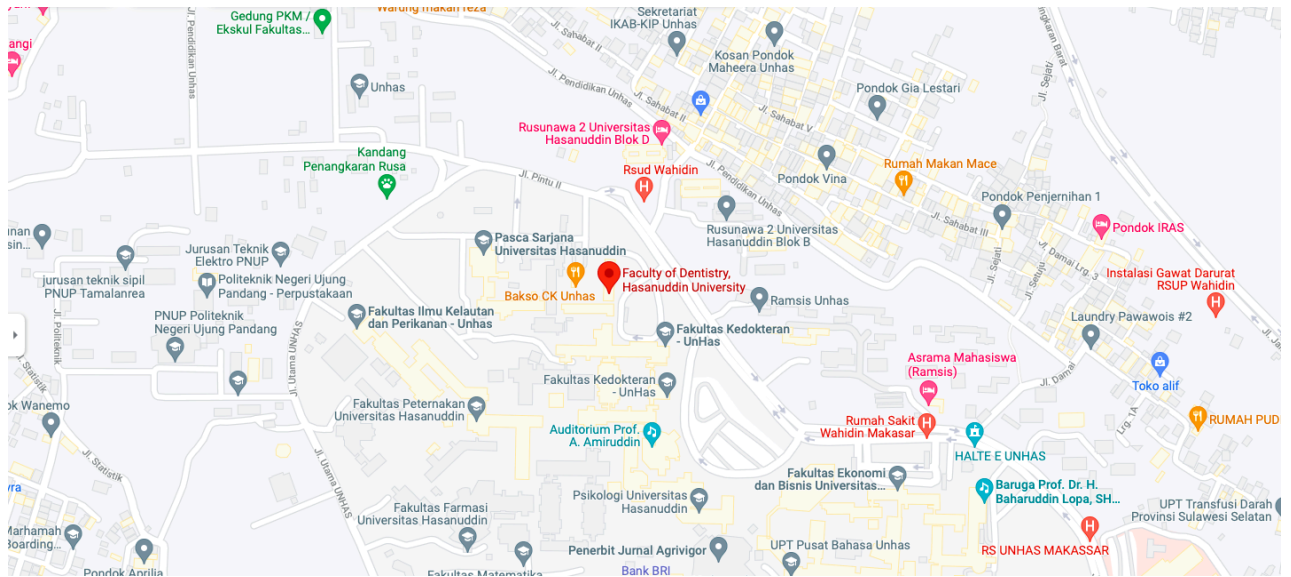
Prosthodontic specialist study program is equipped with sufficient and updated infrastructure, such as:

1. Laboratory
2. Library
3. Dental surveyor
4. Instrument wax
5. Electrolytic polishing
6. Micromotor
7. Articulator semi adjustable
8. Computers
9. Wifi connection
10. Standard operational procedure
11. Log book.

Extracurricular

1. Badminton
2. Tennis

Access



Chapter 3. Periodontics Specialist Program

Introduction

The Periodontics Specialist Program was created in response to changes in the dental field. Periodontology is a branch of dentistry that studies the periodontium (gingiva, alveolar bone, periodontal ligament and cementum) in healthy and pathological conditions and takes preventive, care and maintenance measures to maintain and restore optimal function of the stomatognathic system. It also includes the diagnosis and management of periodontal diseases/disorders, consisting of non-surgical periodontal treatment and periodontal medicine; therapeutic, regenerating, reconstructive and aesthetic periodontal surgical treatment; and periodontal prosthetics and dental implants.

In 2012 the periodontics study program at Unhas Makassar was officially opened in accordance with the Ministry of Higher Education Decree No. 333/E/O/2012 regarding the opening of periodontics specialists program in Unhas.

Vision & Mission

Vision

In the next ten years, with the spirit of the maritime continent based on togetherness, justice and sincerity, the Periodontia Specialist Educational Program , Faculty of Dentistry, Hasanuddin University will become the center of education and specialization services for periodontics in Eastern Indonesia, and gain national and international recognition.

Mission

To realize this vision, the mission is formulated as follows:

- Develop diversified technology-based education and learning in the field of periodontics that are effective, efficient, and tested in order to produce graduates who are professional, reliable, independent, have an entrepreneurial culture and have religious morality.
- Develop quality and published Periodontics scientific research activities at national and international levels.

- Participate in improving the health of the community's periodontal tissue by applying knowledge and skills with community service activities

Intended Learning Outcome (ILO)

Intended Learning Objectives are formulated to achieve objectives mentioned above. These ILOs comprise attitude, knowledge, skills, and competence.

The formulated ILOs below:

1. Trust in the Almighty God and uphold the values of Pancasila and the 1945 Constitution of the Republic of Indonesia in carrying out treatment procedures
2. Internalize the spirit of independence, entrepreneurship, academic norms, and ethics and demonstrating a responsible attitude towards work in the periodontal field.
3. Proficiency in theory and application of ethics, medical law, and health communication
4. Proficiency in theory and application of basic medical science and clinical medicine as the basis for periodontal treatment of medically compromised patients
5. Proficiency in theory and application of diagnosing diseases and disorders of periodontal tissues and their treatment plan.
6. Capable of communicating effectively and cooperating in international and global interprofessional collaboration teams, as well as being accountable for work in specific and complex areas of professional expertise in accordance with the code of ethics.
7. Capable of making autonomous decisions based on the findings of research, criticisms, appreciation, arguments, or innovation efforts, and critically analyze the work and decisions made.
8. Capable of publishing research findings in prominent international publications in the field of periodontics
9. Be able to diagnose periodontal disease/disorder and establish a treatment plan independently
10. Be able to perform non-surgical as well as minor and complex surgical treatment of periodontal conditions.

11. Be able to independently perform reconstructive, regenerative, plastic, and aesthetic surgery, as well as dental implant procedures
12. Be able to perform multidisciplinary periodontal treatment and periodontal medicine in patients with systemic disease.

Graduate Profiles

The objective of the Periodontics Specialist Program is to produce graduates with competence including professional, leadership and manager, lecture and researcher, creator and innovator, periodontia dentistry counselor who are able to compete internationally.

a. Professional

Fear of God Almighty and able to demonstrate religious attitudes, and uphold human values in carrying out duties based on religion, morals and ethics. Able to practice periodontist specialist in accordance with authority standards, according to ethics and law. Be able to analyze, design and implement therapy for various cases of specialist periodontal disease/disorders, evidence-based using science and technology.

b. Leadership and manager

Able to work and lead effectively and harmoniously with individuals and groups, inside and outside the health care system organization to meet the periodontal treatment needs of the community

c. Lecture and researcher

Able to act as professional educators and scientists, who are always able to develop themselves according to the progress of science and technology in an effective manner through the addition of knowledge and research.

d. Creator and Innovator

Have sensitivity to health needs in their environment and have creativity and innovation to make changes and solutions to improve public health status.

e. Manager

Periodontics have communication skills and experts in counseling individuals, and community groups in terms of intradisciplinary and multidisciplinary periodontics.

Objectives are aligned with the vision and missions of Periodontics Specialist Program in coherence to the vision and missions of Universitas Hasanuddin.

Enrollment Procedure

This program has a local/Independent admission route with admissions twice a year or every semester. Applicants must fulfil the requirement below along with several documents stated in university's website (<https://regpmb.unhas.ac.id/>)

- a. Copy of academic transcript, minimum GPA of 2.50.
- b. Maximum study period in DDM study program is 10 (ten) years.

The university carries out student admission for this program through the university's official website (<https://regpmb.unhas.ac.id/>). Prospective students will go through a series of tests, including English proficiency tests, personality tests, dental knowledge tests, and interviews. Other special requirements are having written recommendations from professional organizations and also having physical health and drug-free certificates from a government hospital. Admission entry fees refer to the newest Decree of Rector of Hasanuddin University Number 1632/UN4.1/KEP/2020 about the credit transfer system policy.

Curriculum

The Periodontics Specialist Program comprises 55 CP equivalent with ECTS 141,32. This curriculum consists of 23 mandatory courses, with specific courses assigned to each semester to match the program's Learning Outcome requirements.

Curriculum of Periodontics Specialist Program

Semester 5					
(11 CP; 33.28 ECTS)	Clinical Periodontology V (4 CP/17.92 ECTS)	Scientific Writing V (1 CP/4.48 ECTS)	Thesis (2 CP/3.63 ECTS)	Comprehensive Exam 4 CP/7.25 ECTS)	
Semester 4					
(10 CP; 31.24 ECTS)	Academic Periodontology IV (2 CP/3.4 ECTS)	Clinical Periodontology III 3 CP/13.44 ECTS)	Clinical Periodontology IV (2 CP/3.63 ECTS)	Research Proposal (2 CP/8.96 ECTS)	Scientific Writing IV (1 CP/1.81 ECTS)
Semester 3					

(13 CP; 34.25 ECTS)	Academic Periodontology III (2 CP/3.63 ECTS)	Clinical Periodontology II (3 CP/13.44 ECTS)	Integration Periodontology I (2 CP/3.63 ECTS)	Integration Periodontology II (2 CP/3.63 ECTS)	Periodontal Regeneration + PRP (3 CP/5.44 ECTS)	Scientific Writing III (1 CP/4.48 ECTS)
Semester 2						
(10 CP; 20.8 ECTS)	Academic Periodontology II (3 CP/5.44 ECTS)	Clinical Periodontology I (3 CP/5.44 ECTS)	Research Design (3 CP/5.44 ECTS)	Scientific Writing II (1 CP/4.48 ECTS)		
Semester 1						
(11 CP; 21.76 ECTS)	Basic Specialistic I (4 CP/7.25 ECTS)	Basic Specialistic II (4 CP/7.25 ECTS)	Academic Periodontology I (2 CP/3.63 ECTS)	Scientific Writing, I (1 CP/3.63 ECTS)		

■	General Science	■	Medical and Dental Science	■	Basic Specialistic	■	Clinical Specialistic
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Payment of Tuition

IDR 15.000.000 per each semester.

Facilities

Periodontics specialist study program is equipped with sufficient and updated infrastructure, such as:

1. Laboratory
2. Library
3. Dental units
4. Diagnostic tools
5. Autoclaves
6. Ultrasonic scalers
7. Electrocautery
8. Lasers

Extracurricular

1. Badminton
2. Tennis

Chapter 4. Endodontics Specialist Program

Introduction

In 1984 with the Decree of the Director-General of Higher Education No. 139/Dikti/Kep/1984 and No. 141/Dikti/Kep/1984 it was decided to make 4 (four) programs for the education of specialist dentists. The establishment of the Endodontics Specialist Program is inseparable from the development of Science and Technology in Endodontics as a branch of clinical dentistry agreed upon by relevant stakeholders and endorsed by the IMC.

In addition to the development of dental science and technology, the demands of the community's need for health services, especially in dental conservation and the demands of international developments need to be considered. International developments in the field of Dental Conservation are based on the development of science and technology, the community's need for more specific and complex dental conservation specialization services, and the demands of the profession according to the fragmentation of its knowledge in Indonesia.

Theory of Endodontic consists of diseases/abnormalities of dental hard tissues, diseases/disorders of pulp and periapical tissue, conventional endodontics (pain, endodontic flora, trauma, medicaments, and emergencies) and surgical endodontics, dental restorations including aesthetic restorations and post-endodontic restorations. Endodontics is also associated with other branches of clinical dentistry, such as Endodontics–Periodontics, Endodontics–Orthodontics, Endodontics–Surgery, Gerodontology, Barodontology, and Trauma. In clinical skills, various clinical activities are aimed at dealing with (a) hard tissue disease/disorder/damage with non-invasive and invasive approaches, including restoration, prevention, temporary and permanent restoration (direct, indirect), (b) periapical pulp tissue disease with conventional endodontics, surgical endodontics, and (c) esthetic treatments. This clinical activity is supported by scientific abilities, including journal reading, case reports or discussions, literature extracts, and research as preparation for thesis writing.

Vision & Mission

Vision

Becoming a Dental Conservation Specialist Dentist Education Study Program with a superior maritime character and producing Dental Conservation Specialist Dentists who are ethical and virtuous in accordance with national standards and with international insight.

Mission

- Organizing a student-centered learning process to produce dental conservation specialist graduates who excel in science and technology as well as piety to God Almighty;
- Conducting research that focuses on superior study programs in the development of maritime natural materials for use in dental and oral health services, especially in the field of specialist dental conservation.
- Organizing community service with promotive, preventive, curative, and rehabilitative approaches in the field of specialist dental conservation.

Intended Learning Outcome (ILO)

Intended learning outcomes in the competencies standard of endodontics specialist are formulated as follows:

1. Believe in God Almighty based on Pancasila and the 1945 Constitution of Republic of Indonesia
2. To demonstrate an attitude of responsibility as an endodontist by enhancing science and technology based on ethical principles and academic norms.
3. To demonstrate comprehensive understanding of embryology and biology of dental hard tissue, pulp and periradicular tissue as a basis for prevention, diagnosis, and treatment planning.
4. To demonstrate comprehensive understanding of tooth discoloration, aesthetic restoration as the basis for in-depth management of dental aesthetic disorders.
5. To demonstrate comprehensive understanding of pulp and periradicular tissue diseases, as a basis for endodontic diagnosis and treatment using

- cutting-edge endodontic materials and advanced technology.
6. To demonstrate comprehensive understanding of pulp and periradicular tissue diseases, as a basis for endodontic diagnosis and treatment using cutting-edge endodontic materials and technology in depth.
 7. To demonstrate comprehensive understanding of entrepreneurship, health law, hospital management, bioethics, and therapeutic communication in depth, application of methodology, educational psychology and patient psychology in depth, philosophy of science, epidemiology, research methodology, biostatistics, to produce scientific papers in depth.
 8. To increase the learning capacity independently by following scientific developments and professional expertise, in collaboration with other professions in solving complex work problems related to the endodontics profession as well as wider problems from the field of the profession.
 9. To communicate the results of studies in various forms of media, as well as compile reports or produce design work in the field of endodontics, based on design rules and standard procedures, as well as professional code of ethics, which can be accessed by the academic community.
 10. To achieve and retrieve data for developing professional work in endodontics.
 11. To conduct anamnesis, physical examination, analyze radiographic, diagnosis, treatment plan in cases of endodontics and documented in filling out medical records and informed consent procedures.
 12. To conduct treatment management on specialized hard tissue teeth using smile design analysis using the latest materials and technology independently on models and patients according to standard.
 13. To perform specialized pulp and periradicular tissue care management using the latest materials and technology independently on models and patients according to standard.
 14. To perform emergency management in the field of endodontics both in general patients and medical compromises through standardized multidisciplinary approach.
 15. To apply methodology and conduct research for the development of science and technology in the field of endodontics to produce theses and publications.

Graduate Profiles

The objective of the Endodontics Specialist Program is to produce graduates with competence including professional endodontics, educators, researcher, endodontics counselor, and manager who are able to compete internationally, which can be described as follow:

a. Professional

Graduates who are able to apply science and technology in providing endodontics specialist services to the community in accordance with applicable scientific, ethical and legal rules.

b. Clinician

Graduates who are able to carry out endodontics specialist services according to scientific principles to solve complex problems that occur in the community related to the health of dental and periradicular tissues.

c. Dental Center Providers and Managers

Graduates are able to provide and manage oral health services in intradisciplinary and multidisciplinary manner in solving endodontics specialist problems.

d. Scientists/Educators

Graduates who have expertise and are involved in the field of science and clinical endodontics specialist, and can act as educators who are more education-oriented.

e. Counselor

Graduates who have the ability to communicate and are experts in counseling/extension to individuals, groups and communities in an effort to resolve the problem of endodontic specialists that occurs in the community in an intradisciplinary and multidisciplinary manner.

f. Researcher

Endodontists who have expertise in researching, reporting and publishing results in the field of endodontic specialists

Enrollment Procedure

This program has a local/Independent admission route with admissions twice a year or every semester. Applicants must fulfil the requirement below along with several documents stated in university's website (<https://regpmb.unhas.ac.id/>)

- a. Copy of academic transcript, minimum GPA of 2.50.
- b. Maximum study period in DDM study program is 10 (ten) years.

The university carries out student admission for this program through the university's official website (<https://regpmb.unhas.ac.id/>). Prospective students will go through a series of tests, including English proficiency tests, personality tests, dental knowledge tests, and interviews. Other special requirements are having written recommendations from professional organizations and also having physical health and drug-free certificates from a government hospital. Admission entry fees refer to the newest Decree of Rector of Hasanuddin University Number 1632/UN4.1/KEP/2020 about the credit transfer system policy.

Curriculum

Endodontics Specialist Program comprises 56 CP equivalent with 164.21 ECTS, this curriculum consists of 23 mandatory courses.

Curriculum of Endodontics Specialist Program

V	Advance Clinical Conservative III (2 CP/4,96 ECTS)	Conservative Dentistry Clinical Skills V (5 CP/22,40 ECTS)	Thesis (3 CP/5,44 ECTS)	
I V	Advance Clinical Conservative II (3 CP/8,11 ECTS)	Case Management of Conservative Dentistry IV (2 CP/3,63 ECTS)	Conservative Dentistry Clinical Skills IV (4 CP/17,92 ECTS)	Thesis (Research Proposal) (3 CP/5,44 ECTS)
III	Advance Clinical Conservative I (5	Case Management of Conservative	Integration of Conservative	Conservative Dentistry Clinical

	CP/14,40 ECTS)	ve Dentistry III (1 CP/1,81 ECTS)	Dentistry Clinic (1 CP/1,81 ECTS)	Skills III (3 CP/13,44 ECTS)			
II	Basic Conservati ve Dentistry II (2 CP/4,96)	Clinical Conservati ve Dentistry II (3 CP/8,11 ECTS)	Case Managemen t of Conservati ve Dentistry II (2 CP/3,63 ECTS)	Basic Specialist III (2 CP/3,63 ECTS)	Conservati ve Dentistry Clinical Skills II (3 CP/13,44 ECTS)		
I	Bioethics of Dentistry (1 CP/2,48 ECTS)	Basic Conservati ve Dentistry I (3 CP/8,11 ECTS)	Clinical Conservati ve Dentistry I (1 CP/2,48 ECTS)	Case Managemen t of Conservati ve Dentistry I (1 CP/1,81 ECTS)	Basic Specialist I (2 CP/3,63 ECTS)	Basic Speciali st II (2 CP/3,63 ECTS)	Conservati ve Dentistry Clinical Skills I (2 CP/8,96 ECTS)

General Science	Medical and Dental Science	Basic Spesialistic	Clinical Spesialistic
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Payment of Tuition

IDR 15.000.000 per each semester.

Facilities

Endodontics specialist study program is equipped with sufficient and updated infrastructure, such as:

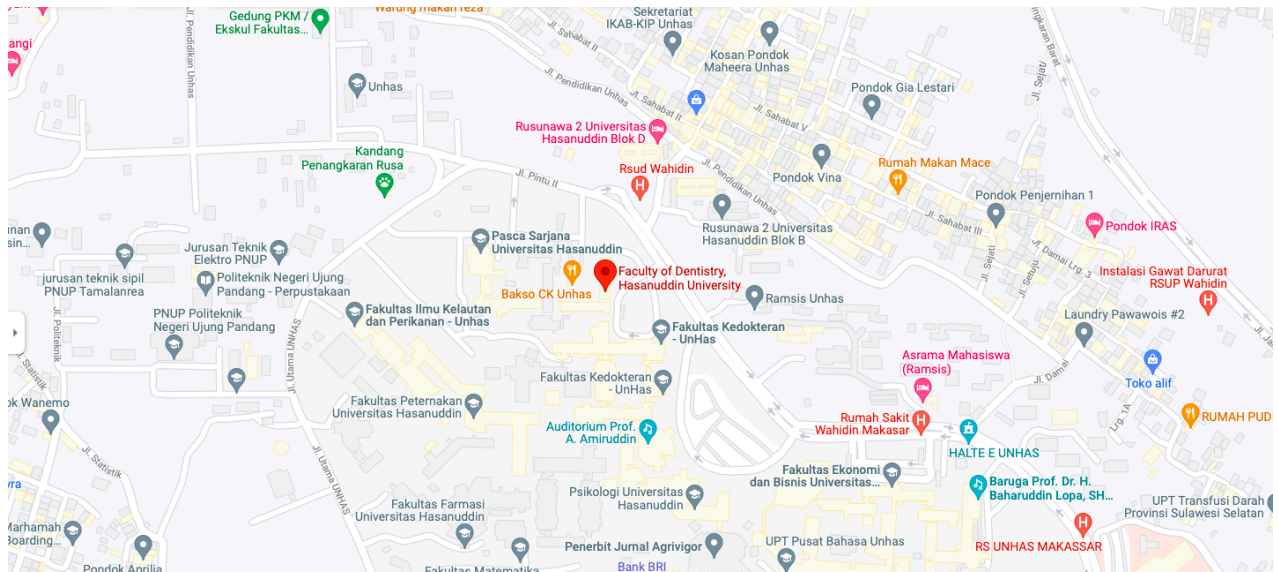
1. Laboratory
2. Library
3. Dental microscope
4. Apex locator
5. Endomotor
6. Handpiece
7. Saliva kit
8. Computers
9. Wifi connection
10. Standard operational procedure

11. Log book.

Extracurricular

1. Badminton
2. Tennis

Access



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