

GUIDEBOOK

RESIDENCY TRAINING PROGRAM I
DEPARTMENT OF OPHTHALMOLOGY

2021



FACULTY OF MEDICINE, UNIVERSITY OF HASANUDDIN

FOREWORD

HEAD OF THE DEPARTMENT OF OPHTHALMOLOGY FACULTY OF MEDICINE, UNIVERSITY OF HASANUDDIN

Assalamu'alaikum Wr.Wb.

Peace be upon you, and Allah mercy and blessings.

First of all, let us praise and thank Allah SWT, who is always bestowing His grace and gifts, so that the Guidebook for Residency Training Program, Department of Ophthalmology, Faculty of Medicine University of Hasanuddin 2021 can be well drafted and structured.

This guidebook is intended to be a reference in the implementation process of medical education for eye specialist so that students can follow the program more easily and teaching staff can use this manual as a guide in the implementation of education at the Department of Ophthalmology, Faculty of Medicine, University of Hasanuddin.

To the contributors, drafting team and to all related parties who have participated in the preparation of this manual, we thank you and the highest appreciation for the thoughts, time and contribution of suggestions given. Hopefully all efforts and hard work can be beneficial in terms to improve quality of medical education in this country.

Wassalamu'alaikum Wr. Wb

Makassar, January 2021

Chairman of the Department of Ophthalmology
Faculty of Medicine, University of Hasanuddin

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CHAPTER I

INTRODUCTION

1.1 BASIS AND OBJECTIVES OF THE PREPARATION

The Residency Training Program (PPDS-Program Pendidikan Dokter Spesialis) is a professional education program after attaining a medical doctor's degree. In implementation of The Ophthalmology Residency Training Program, a manual guidebook for students is very necessary to be a reference in the process of organizing The Ophthalmology Residency Training Program eyes so that students can follow educational programs more easily and for teaching staff this manual can be used as guidelines in the implementation of education in The Department of Ophthalmology, Faculty of Medicine, University of Hasanuddin

1.2 VISION AND MISSION OF FACULTY OF MEDICINE, UNIVERSITY OF HASANUDDIN

VISION:

In 2020, become an **exceptional** Medical Education Study Program both in academic and research at national and international levels as well as capable to improve public health based on Indonesia's **maritime** continent.

MISSION:

1. Organizing international quality education and research and support the formation of a healthy community based on Indonesian's Maritime continent.
2. Implementation of good and effective governance in the Medical Education Study Program (Good Study Program Governance)
3. Producing innovations in the health sector.

1.3 VISION AND MISSION OF THE OPHTHALMOLOGY RESIDENCY TRAINING PROGRAM**FACULTY OF MEDICINE, UNIVERSITY OF HASANUDDIN****VISION:**

"Leading in Indonesia and competitive in Asia in the field of ophthalmology"

MISSION OF THE OPHTHALMOLOGY RESIDENCY TRAINING PROGRAM**FACULTY OF MEDICINE UNHAS 2016-2020**

1. Organizing an excellent Ophthalmology Residency Training Program, with character, and based on research / evidence based in the hospital according to national and international accreditation standards
2. Improving and developing human resources to make the Ophthalmology Residency Training Program in University of Hasanuddin leading and developing the Tri Darma Perguruan Tinggi in Indonesia
3. Implementing continuous education and training (Continuing Program Development) both at the local, national and national levels as well as international research and medical science and technology in the field of ophthalmology, clinical and community based to be able to solve eye health problems.
4. Improving eye health services in a professional, efficient, with a high moral and ethical foundation and plays an active role to support both local and national government programs in effort to reduce blindness in Indonesia.
5. Striving for the development of human resources and infrastructure as well as expanding networks and collaboration with government or private institution both home and abroad.

1.4 STRATEGIC OBJECTIVES OF THE OPHTHALMOLOGY RESIDENCY TRAINING PROGRAM OF FACULTY OF MEDICINE, UNHAS 2016-2020**General Objective**

Raising ophthalmologists who have:

- Academic competence that is able to absorb, research, develop and apply eye health science accordingly with the advancement and development of science and medical technology
- Professional competence that is able to provide eye health services completely, in accordance with the conditions and needs of society
- Character and spirit of MARITIM

Special Objective

- Mastering knowledge and skills and following the development of medical science and technology in providing eye health services
- Applying the principles and methods of scientific thinking professionally in solving and dealing with eye health problems eyes and practice it to society optimally
- Able to handle every eye case with professional skills through an evidence-based approach to medicine (Evidence-Based Medicine)
- Able to provide eye health services through interpersonal communication and holistic approach (promotive, preventive, curative & rehabilitative) to reduce blindness
- Have a sense of responsibility in carrying out the medical profession in a service system in accordance with the National health system and projecting to the Doctor's Oath and Indonesian Medical Code of Ethics
- Creating a conducive educational environment and appreciating each other

CHAPTER II

CURRICULUM

2.1 EXPECTED LEARNING OUTCOME

The Learning Outcomes of Graduates (CPL-Capaian Pembelajaran Lulusan) are arranged according to the basic law for the preparation of Learning Outcomes (CP-Capaian Pembelajaran), namely the Presidential Regulation Number 8 of 2012 concerning the Indonesian National Qualifications Framework (KKNI-Kerangka Kualifikasi Nasional Indonesia) which is a framework for ranking competency qualifications which can juxtapose, equalize and integrate between education and job training and work experience in order to recognize work competence in accordance with job structures in various sectors. Based on these regulations, then The Ophthalmology Residency Training Program enters the qualification levels 8. In addition to the above-mentioned regulations, the determination of CPL as well refers to the Regulation of the Minister of Research and Technology No. 44 of 2015 regarding National Higher Education Standards and Competency Standards of Indonesian Ophthalmologist. The following is the configuration of the CPL of the Ophthalmology Study Program, Faculty of Medicine, University of Hasanuddin :

Learning Outcomes of Graduates (CPL)		
Component	Code	Domain of Learning Outcomes Formula
Attitude	S1	Devoted to God Almighty, religious, civilized, uphold humanitarian values, ethical, independent, and contribute to improvement of quality of life in community in the field of medicine and health.
General Skills	KU1	Able to develop logical, critical, systematic, and creative thinking through scientific research or creative design, drawing up a conception of scientific studies and the results of studies are based on procedures, and scientific ethics in the form of a thesis published in a script on accredited scientific journal.
	KU2	Able to organize ideas, thoughts and results of scientific argument responsibly and based on academic ethics, as well as communicating through media to academic community and wider community.
	KU3	Able to manage, develop and maintain a network with colleagues, peers in institutions and communities with broader research.
Knowledge	P1	Able to master technical knowledge including basic science (biosciences) and clinical science (clinical sciences) in the field of ophthalmology.
	P2	Able to master related theoretical concepts (contextual knowledge) includes epidemiology clinic, organization services, and behavioral aspects in relation to fields of ophthalmology expertise.
Special Skills	KK1	Able to apply intellectual skills including scientific problem solving approach and establish clinical decision making in field of ophthalmology, especially in eradication of blindness.
	KK2	Able to apply the concept of interpersonal skills which consists of communication skills, medical interview skills, physical examination, conduct and interpret examination results of supporting procedures (procedures) in the field of ophthalmology expertise.
	KK3	Able to perform operating room management,

		includes surgery instrument management, techniques of surgery, patient safety, infection control, and counselling in the field of surgery of ophthalmology expertise.
	KK4	Able to manage individual health problems, family and community comprehensively, holistic, integrated and sustainable in the context of eye health service.

2.2 MAPPING OF COURSE IN THE CURRICULUM, COMPETENCIES AND CREDITS

The arrangement of courses into the curriculum takes into account the following:

1. The concept of learning that is planned in effort to fulfil graduate learning outcomes
2. The accuracy of the location of the courses according to the ability level and integration between courses
3. The average student learning load in each semester, approximately 18-20 credits
4. University of Hasanuddin Chancellor's Regulations

Preparation of courses in the Ophthalmology Residency Training Program practice a mix of parallel approaches. The parallel approach is integrated learning for both science and learning process, the assignment of certain knowledge is not a prerequisite to initiate further knowledge.

Semester	Course Structure	Course Credits
VIII	Independent Placement	4
	Publication	6
VII	Thesis Seminar	4
	National Examination	2
	Applied Ophthalmology	2
VI	Community Ophthalmology	5
	Ocular Oncology	2
	Strabismus	4
	Proposal Seminar	4
V	Paediatric Ophthalmology	6
	Reconstruction and Oculoplastic	7
IV	Vitreoretinal	5
	Cataract and Refractive Surgery	6
	Literature Review	2
III	Glaucoma	7
	External Eye Disease	7
II	Neuro-ophthalmology	5
	Refraction & Low Vision	6
I	Philosophy of Science	2

	Ethics and Medicolegal	2
	Research Method	2
	Biostatistics and Computer Statistics	2
	Clinical and Medical Epidemiology	2
	Immunology	2
	Basic Ophthalmology	2
	Outpatient & Inpatient Module	
Total Credits		100

2.3 LEARNING METHODS

The ophthalmology residency training program activities refer to the curriculum as established by the College of Indonesian Ophthalmology (KOI-Kolegium Oftalmologi Indonesia). The Ophthalmology Residency Training Program is an educational program that follow the credit system with a study load as measured by semester credit units. Learning strategies carried out with an active, independent and supervised learning system.

During the implementation of education Program Participants are divided into 3 stages:

(1) the first stage, (2) the second stage and (3) the independent stage

1. First Stage:

At this stage students get various academic activities since the beginning of the study covering MKK in semester 1.

2. Second Stage:

At this stage students can focus on activities in sub-disciplinary academic activities in the form of continued MPK activities; besides continuing MPA-2 activities. Professional Training Activities is generally in the form of activities as an assistant of Sub disciplinary Supervisors and various patient management activities of outpatient.

3. Independent Stage:

At this stage students carry out professional training comprehensively and perfectly. At this stage, Program Participants can conduct various professional training not only in the Main Educational Hospital but also in some Hospitals Partners.

2.4 SYSTEM EVALUATION AND COURSE GRADUATION CRITERIA

Evaluation System

The student evaluation system aims to assess the success of students during the educational process. This evaluation system is assessed based on students performance, diagnostic skills and action, discussion and writing.

During the educational process, the assessment is carried out in a structured manner in each stage of education carried out by Head of Study Program (KPS-Kordinator Program Study) in coordination with related collegium, by paying attention to the competencies that must be achieved according to the stage of education.

Course Passing Criteria

The criteria for passing students' courses are assessed based on several assessment, that is:

1. Students' assessments are recorded in their respective logbooks, consisting of 9 subdivisions (vitreoretinal subdivision, glaucoma subdivision, neuro-ophthalmology subdivision, infection & immunology subdivision, paediatric & strabismus subdivision, tumour & reconstruction subdivision, lens subdivision, refraction subdivision, and community ophthalmology subdivision)
2. Assessment is carried out at the end of each stage for skills and cognitive knowledge
3. Assessment and evaluation of behaviour and performance are carried out as long as students are still in the study program
4. Local examinations (written & diagnostic) are conducted each semester to know the progress of learners' knowledge
5. Surgical skills tests are conducted at each level of surgery step for students (each semester / after reaching the target)
6. Organize health services independently, take national exams, and conduct research and final scientific work (thesis)

2.5 FINAL PROJECT GUIDANCE

1. Research Proposal

The research proposal is an academic activity planned and arranged according to scientific writing rules in order to be used as a guideline for conducting research for thesis writing.

Objectives:

- Applying research methodology.
- Gaining experience and skills in writing suggestions of scientific research.
- As a basis for conducting scientific research for thesis writing at a later stage.

Program Participants

- Program participants who have completed and presented the Mini Literature Review (Sari Pustaka)
- Writing a research proposal has started no later than the beginning of MKK.

Supervisor

Generally, the same as supervisor of Mini Literature Review (Sari Pustaka)

Supervisor duty

- Monitor the preparation of research proposals.
- Provide motivation, guidance and direction as well if necessary, reprimand for improvement.
- Conduct scheduled consultation discussions with Program Participant.
- Monitor the implementation of the proposal development, if within period of 3 months there is no progress in making a proposal, the supervisor can address the PPDS and report to the Education Provider.

- Supervisor is also a member of the proposal board of examiners.

Writing a research proposal

- Participants determine a research problem that is obtained from the results of Mini Literature Review (Sari Pustaka) study to discuss with supervisor.
- Determination of the research problem that will become the proposal will be discussed with the supervisor with consideration of feasibility in terms of research methodology, time and cost.
- The research proposal must be completed and ready to be assessed not later than the end of the 5th semester

Assessment committee

- The committee for evaluation of the Research Proposal consists of at least 5 (five) senior teaching staff including mentors.
- If necessary, in accordance with the subject matter of the proposal research, assessor members can be requested from outside the Education Centre \
- Chairperson and members of the assessment committee are determined by the Chairman of Department with a decree.

Assessment of Research Proposals

- Assessment methodology and substance includes a framework writing, problem to be researched, research objectives, theoretical framework, approaches and research methods including the instrument of analysis to be used and relevant literature
- Assessment of research feasibility and readiness of program participants to conduct research (feasibility study) including the length of research time
- Assessment of research proposals is aimed primarily to provide input for Program Participant in completion of proposal.

The results of the assessment of the research proposal determine:

- Research proposal accepted without improvement.
- Research proposal received with improvement.
- Research proposal has not been accepted and need to be repeated because:
 - The research proposal is not yet feasible to be submitted and / or
 - Program participants are not ready to do the research
 - Improved research proposals
- The research proposal must be revised no later than 3 (three) months after the first assessment.
- Revision of the research proposal must be carried out in accordance with input given by the Appraisal Committee.

Program participants are required to submit revised research proposals in accordance with the established procedures and provisions.

Research implementation

The implementation of research is an academic activity use scientific reasoning and meet the requirements of methodology in Department of Ophthalmology

General requirements:

- Research using quantitative or qualitative methods or both.
- As soon as the research proposal is declared passed, research can be implemented no later than the beginning of the 6th semester.
- If within three months the participant cannot show progress in research and thesis writing, Head of Study Program (KPS) with the supervisor will evaluate this as a settlement effort. KPS can call the participant and/or ask for an explanation in written statement. If deemed necessary, KPS may decide to direct supervision to another mentor.

Research costs:

- Research costs are fully covered by Program Participant
- The study program helps research in the form of material and the ease of getting sponsors.

2. Thesis

Thesis writing is an academic activity in a way processing the results of research activities in the form of written papers with conceptual theoretical based on data analysis as one of the requirements in completing the study program.

General requirements

- The thesis is written in Indonesian with abstract in Indonesian and English.
- Thesis writing consists of 8-10 credits including research proposals seminars and/or research seminars
- The completed thesis approved by the supervisor is reported to the KPS for scheduling the test.

Board of Examiners

- The minimum thesis examiner consists of 5 (five) teaching instructors including supervisors.
- If needed, in accordance with the subject of the Thesis, members of Board of examiners can be requested from outside the Education Center.
- Chairperson and members of the Board of examiners are appointed by the Chairperson of Department with decree.

Thesis Assessment

Seminar Exam

- Held in a Scientific Forum which was attended by all teaching staffs, invited guests etc.
- The assessment is carried out by the Board of Examiners / Teaching Staff.
- The Board of Examiners is chaired by the Chairperson of the Session who is also act as assessor. The duties of the Chairperson of the Assembly are to set the course of the exam
- The duration of the thesis exam is approximately 2 hours.
- The examination assessment includes the content and quality of the thesis, oral presentation, the ability of the participants to answer questions, and the ability to defend thesis content and arguments, as well as the use good language.
- Thesis assessment includes authenticity of the thesis, quality of the problems raised, the benefits of the research, research methodology, accuracy of data collection methods and

analysis, including method of writing literature, presentation of results, and how to draw conclusions.

2.6 EDUCATION MONITORING SYSTEM AND QUALITY ASSURANCE

Education Monitoring System

Educational monitoring system in the Ophthalmology Residency Training Program aims to conduct monitoring related to planning and implementation of student education whether it is going accordingly as what has been planned, what has been done, the obstacles that have arisen during the educational process and why it happened, as well as the efforts that were made to overcome these barriers. This monitoring is conducted at least every six months.

Quality assurance

Study program quality assurance runs in a systemic and organized manner according to quality standards ranging from university level, faculty level down to the level of the study program. The implementation of quality assurance is marked with quality assurance policies, both originating from the internal or external system. External quality assurance covers LAMPTKes and internal quality assurance taking place at the level of the study program which is part of a system at the faculty level, namely the quality assurance group.

The study program quality assurance unit has the following tasks:

- Formulation of a compatible academic quality policy for study programs with the faculty academic quality policy, in order to achieve targets of academic performance for faculties and study programs
- Formulation and development of academic quality standards which is in line with the faculty quality standards
- Implementation of academic and management of quality standards that is in line with the faculty quality standards
- Formulation of academic quality manuals that are in line with faculty quality standard
- Development of a system for monitoring and evaluating academic quality based information systems
- Implementation of monitoring & evaluation of quality assurance of academic activities periodically
- Submission of reports on the results of monitoring and evaluation together with written recommendations to the Coordinator of the Study Program
- Conduct analysis of implementation follow-up of monitoring and evaluation
- Providing recommendations for improvements to achieve goals in study program.

CHAPTER III

UNIVERSITY STUDENT

3.1 STUDENTS' QUOTA

The number of students accepted is determined by the available formations, based on the ratio of Teaching Staff and Program Participant, which is 1: 3.

3.2 NETWORK SYSTEM AND GRADUATION CRITERIA

The new student screening system includes a recruitment policy, graduation criteria, decision-making systems, and admission procedures of new students.

Recruitment Policy:

- The procedure for admission refers to the academic regulations University of Hasanuddin. Selection is transparent, objective, and measured so that the prospective students passed or not based on the standard of selection requirements set by KPPS in Faculty of Medicine, University of Hasanuddin
- Centre for Ophthalmology Residency Training Program recruits students in January and July
- To become students in the Ophthalmology Residency Training Program, the recruits must meet several conditions and participate in administrative and academic selections.

Graduation Criteria:

Administrative selection, including:

1. A request letter for a potential participant that has been approved by the direct superior & local health office (for civil servants)
2. Fill out the application letter for prospective students

3. Photocopy of medical doctor's certificate & legalized transcripts
4. All decrees (Military / Civil Servants)
5. Permission/ recommendation letter from respective agencies, husband / wife approval (for those who are married)
6. Photocopy of all papers, scientific / research papers owned (authorized by superiors)
7. Photocopy of all seminar certificates, courses that have been participated, as well as the awards won
8. Letter of recommendation from the local Indonesian Physicians Association (IDI-Ikatan Dokter Indonesia)
9. Letter of passing the competency exam / Registration Letter (STR-Surat Tanda Registrasi) / License to Practice Letter (SIP-Surat Izin Praktik) / temporary provisional certificate
10. A statement of commitment to bear all costs of education (Tuition fees, cost of books, research, examinations, etc.) during education period (printed on stamped paper)
11. 6 pieces of recent 4x6 size photographs
12. A letter of commitment to obey the prevailing regulations during education and willing to accept sanction if violated.

Academic Selection:

1. Achievement Index (IP- Indeks Prestasi) for undergraduate programs and professional education programs ≥ 2.75
2. TOEFL score > 500
3. General practitioner education period $< 1 \frac{1}{2}$ years

Decision Making System Procedure:

1. Prospective students must complete all requirements administration
2. Prospective students must follow the academic selection including written tests
3. Prospective students must follow the health screening and psychology test
4. Prospective students must attend a special eye examination
5. Prospective students must follow the oral selection, which is interviews
6. The results of interviews & written examinations will be discussed at the staff meeting to decide whether a candidate is accepted or not
7. Furthermore, the results of the academic, health & psychological selection, the eye exam will be sent to the Residency and Training Program's Manager UNHAS to be proposed in the retrieval meeting decision. And for the next, Letter of Selection Results will be submitted by the Residency and Training Program's Manager to all participants.

Student Admission Procedure:

1. The number of participants accepted is determined by available formation, based on the ratio of lecturers: Program Participant, which is 1: 3
2. Calculating the results of the written exams, interview, psychology tests, TOEFL, including several aspects set out in a staff meeting.

3.3 EDUCATION TERMINATION

Graduated

Students are declared to have completed their education if they have met all the learning achievement criteria that have been established

Termination

If during the education period, participants violated academic and professional of the applicable rules, then decision to impose sanctions is according to the results of the education team meeting and if necessary, it will be strengthened by the plenary meeting of the Department / SMF.

3.4 STUDENT TRANSFER

To be able to become a transfer student in an ophthalmology residency training program, then prospective students must follow the appropriate procedure for applicable provision.

3.5 GUIDANCE

Academic

Academic guidance is a guidance provided by academic advisor (PA-Pembimbing Akademik) for students in the academic field during the educational process.

Counseling

Counseling guidance is a process of providing assistance to help students who are experiencing a problem.

Spiritual

Spiritual guidance is guidance that is meant to be helpful students maintain and achieve mental health during the following educational process.

3.6 STUDENT INFORMATION SYSTEM

Most of the universities are already using academic information systems with digital-based electronic with consideration of effectiveness and efficiency of data handling. Academic information systems provide ease in handling student data with advantages of fast access, low cost and paperless. By having an information system integrated, will make it easier for students to do online payment and online filling of Course Selection Sheet (KRS-Kartu Rencana Studi).

CHAPTER IV

SCIENTIFIC ACTIVITIES AND COMMUNITY SERVICE

4.1 SCIENTIFIC ACTIVITIES

Academic Activities

Basic Reading

Basic Reading is a mandatory scientific assignment that discusses anatomy and physiology of all structures in the eye, which must be known by each student in the early semesters (1 and 2) and presented without making papers.

Objectives:

- To well understand the anatomy and physiology of the eye which is compulsory competence of a general ophthalmologist.
- To know and understand not only the material it carries but also delivered by other students.

Number of activities

At least 5 basic reading readings are carried out during the education period.

Basic Reading title determination

- KPS select the title and basic reading schedule based on basic competence of Phase I
- Students report to each supervisor according to the subdivision material that will be delivered
- Students report at least 1 month before the reading schedule which has been determined by the KPS

Mini Literature Review (Sari Pustaka)

Mini Literature Review (Sari Pustaka) is academic deepening by discussing and presenting various scientific papers into one written scientific work arranged according to scientific writing rules.

Objectives:

- Gaining experience, knowledge and reading skills, assessing and analysing scientific papers.
- Gaining skills to cite and rewrite summaries of various scientific papers into one standard scientific paper.
- Getting a variety of subjects, topic issues, conclusions which may be investigated further as scientific research for compiling a thesis.
- Gaining skills to present and discuss papers in front of scientific forums.

Number of activities

Writing and reading the literature extract at least 3 times during period of education.

Program Participants

Mini Literature Review (Sari Pustaka) writing tasks can be given to Program Participant after finishing MKK.

Supervisor

Teaching staff related to the topics discussed.

Selection of the title of Mini Literature Review (Sari Pustaka)

Selected and discussed together with the supervisor.

Presentation

Starting from 3rd semester.

Journal Reading

Journal reading or scientific papers reading is an academic activity through discussion of scientific papers in front of forums.

Objectives

Gain the ability to critically analyse scientific papers (critical appraisal) according to standard procedures, so as to get a conclusion regarding the quality of writing of the paper and the substance contained.

Number of activities

At least 4 readings of the journal are carried out during the period of education.

Case study / Case report (Ward Case Report)

Case presentations are academic activities in the form of presenting one case to be discussed in the scientific forum

Objective

- Gaining the ability to compile a case in one paper presentation of cases according to standard procedures
- Gaining the ability to present a case in a scientific forum
- Explore the substance of the case.

Literature review

Literature review is a scientific work in the form of a collection of publications about a specific theme, accompanied by a presentation of a critical evaluation of the bibliography.

Symposium

The symposium is a discussion of scientific problems that is attended by several participants featuring several speakers to discuss a problem. The Ophthalmology Residency Training Program conduct symposium of one or more symposiums in a year.

Training

Training is an activity designed to develop human resources through a series of identification and assessment activities as well as a planned learning process. The Ophthalmology Residency Training Program has provided some cadre training for nurses, teachers, as well as general practitioner regarding early detection of blindness as well as problems other eye health.

4.2 COMMUNITY SERVICE

The community service program is one part of Tri Higher Education Dharma. This community service activity is expected to make a real contribution in helping society, especially in terms of eye health. On the Ophthalmology Residency Training Program, the community service activities can be done in the form of:

1. Cataract surgery social service, aims to help reduce blindness rate. This activity is carried out in collaboration with professional organizations "Indonesian Ophthalmology Association" (PERDAMI), local and national organizations, as well as several foreign NGOs that have collaborated with the Ophthalmology Residency Training Program
2. Eye screening, aims to provide education to community regarding eye health. This activity is routinely carried out by students who are in the community ophthalmology subdivision in collaboration with SPBK PERDAMI South Sulawesi.

CHAPTER V

EDUCATORS PERSONNELS

5.1 LECTURER STATUS

Permanent lecturers are lecturers who work full time, having the status of permanent teaching staff at certain higher education units, as well as received recognition from the Higher Education by giving Lecturer National Identification Number (NIDN- Nomor Induk Dosen Nasional).

Non-Permanent Lecturers are lecturers who work part-time with status as non-permanent teaching staff in the certain education unit.

Guest lecturers are lecturers from outside of the Higher Education (PT-Perguruan Tinggi) and are experts in certain fields to then be invited to teach in certain term time.

5.2 FUNCTIONAL CRITERIA FOR PERMANENT LECTURERS (EXPERT ASSISTANT, LECTOR, HEAD LECTOR, TEACHER) AND OBLIGATIONS

No.	Functional Position	Qualifications & Criteria	Duty, Responsibility, & Authority
1.	Expert Assistant	<ul style="list-style-type: none">• Have a diploma in the lowest possible master in field of science according to the field of science of their assignment	<ul style="list-style-type: none">• Attend education & training• Implement the highest teaching level in bachelor• Fostering students' activities in the

		<ul style="list-style-type: none"> • Have experience in teaching administration • Able to spread the science, technology and / or art • Able to understand research implementation and service to public • Able to write scientific works and published on scientific journals • Have the performance, integrity, responsible implementation of duties, ethics and manners in university life 	<p>academic field and student affairs</p> <ul style="list-style-type: none"> • Develop teaching materials • Deliver scientific presentation • Present scientific works and published on national scientific journal • Produce works scientific in other form • Make a design and technology/monumental artwork/art show • Implement society service in public • Carry out the supporting task
2	Lectors	<ul style="list-style-type: none"> • Have a diploma in the lowest possible master in field of science according to the field of science of their assignment • Able to educate professionally • Able to apply learning process & mentoring independently for: <ol style="list-style-type: none"> 1. Diploma students and/or scholars with qualified magister 2. Diploma students with qualified doctorate • Able to understand theory of scientific field of their assignment • Able to apply the theory of scientific field for research and service to public • Able to write scientific works and published on 	<ul style="list-style-type: none"> • Attend education & training • Implement the highest teaching level in bachelor with master degree • Implement the highest teaching level in bachelor with doctoral degree and helping doctoral teaching program • Fostering students' activities in the academic field and student affairs • Develop teaching materials • Deliver scientific presentation in national level • Present scientific works and published on national scientific journal • Produce works scientific in other form

		<p>national and scientific journals</p> <ul style="list-style-type: none"> • Have the performance, integrity, responsible implementation of duties, ethics and manners in university life 	<ul style="list-style-type: none"> • Implement society service in public • Carry out the supporting task
3	Head Lectors	<ul style="list-style-type: none"> • Certified master degree or doctorate from study program or accredited Higher Education in field of science which is according to the field science of their assignment • Able to educate professionally • Able to apply & develop learning process & mentoring independently for diploma student, undergraduate, and / or postgraduate • Able to analyse field of science that becomes their assignment • Able to apply & analyse theory in field of science that becomes their assignment in implementation of research & service to public • Able to write scientific works and published on accredited national journal or international journal for those with a doctoral degree • Have the performance, integrity, responsible implementation of duties, ethics and 	<ul style="list-style-type: none"> • Attend education & training • Implement the highest teaching level to doctoral degree • Mentoring lecturers with lower position • Fostering students' activities in the academic field and student affairs • Develop teaching materials • Deliver scientific presentation in national level • Present scientific works and published on national scientific journal • Produce works scientific in other form • Make a design and technology/monumental artwork/art show • Implement society service in public • Carry out the supporting task

		manners in university life	
4	Professors	<ul style="list-style-type: none"> ● Certified doctoral degree or doctorate from study program or accredited Higher Education in field of science which is according to the field science of their assignment ● Able to educate professionally ● Able to apply & develop learning process & mentoring independently for diploma student, undergraduate, and / or postgraduate ● Able to analyse theory in field of science that becomes their assignment in implementation of research & service to public ● Able to write scientific works and published on accredited national journal or international journal for those with a doctoral degree ● Have the performance, integrity, responsible implementation of duties, ethics and manners in university life 	<ul style="list-style-type: none"> ● Attend education & training ● Implement the highest teaching level to doctoral degree ● Mentoring lecturers with lower position ● Fostering students' activities in the academic field and student affairs ● Develop teaching materials ● Deliver scientific presentation in national and international level ● Present scientific works and published on national and international scientific journal ● Produce scientific works on reputable international journal ● Implement society service in public

5.3 FUNCTIONAL CRITERIA OF NON-PERMANENT LECTURERS (SUPERVISOR, EDUCATORS, ASSESSORS) AND OBLIGATIONS

The criteria for becoming a non-permanent lecturer in the Ophthalmology Residency and Training Program is made based on the Decree of the Dean in Faculty of Medicine University of Hasanuddin regarding regulations management of extraordinary lecturers, which are:

1. Make a cover letter by attaching a bio (for newly proposed), a letter of statement and recommendation by department
2. Follow administrative rules
3. Meet the educational requirements
4. Get written permission from the supervisor where he works

Non-permanent lecturers in Ophthalmology Residency and Training Program are mandatory to have academic qualifications, competence, are physically and mentally healthy, and other qualifications required to become mentors, educators, and assessors for students in the Ophthalmology Residency Training Program.

Obligations as supervisors, educators:

1. Provide face-to-face guidance on a regular, intensive, and ongoing to students
2. Directing the choices of students to be more rational, elegant, accurate and verified, in terms of science and operationalization in writing scientific assignments
3. Acting well in guiding students with polite intellectual discourse
4. Comply with established regulations regarding academic activities

Obligations as an assessor lecturer:

1. Provide an assessment to students who have meet the requirements on the percentage of academic activity
2. Provide suggestions and input to students in order to be more rational, elegant, accurate and tested, in terms of scientific and operational in writing scientific assignments
3. Acting well in testing students with polite intellectual discourse
4. Comply with established regulations regarding academic activities

5.4 SYSTEM PERFORMANCE ASSESSMENT AND MONITORING OF LECTURERS

Performance appraisal system and monitoring permanent lecturers in the Ophthalmology Residency and Training Program is assessed through filling the Lecturer Workload (BKD-Beban Kerja Dosen) held every six months. However, the performance appraisal system and non-permanent lecturer monitoring in the Ophthalmology Residency and Training Program are assessed through filling in the lecturer logbook, carried out every six months.

CHAPTER VI

EDUCATION PERSONNEL

6.1 LIST OF LECTURERS (NAME, SPECIALIZATION, STATUS, CRITERIA

FUNCTIONAL, PROFESSIONAL ORGANIZATION MEMBERSHIP)

No.	Name of Lecturers	Specialization	Status	Functional Criteria	Professional Organization Membership
1	Prof. Dr. dr. Siti Rukiah Syawal, Sp.M (K)	Infection and Immunology	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi

2	dr. Rahasiah Taufik, Sp.M (K)	Community Ophthalmology	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
3	Dr.dr. Halimah Pagarra, Sp.M (K)	Tumour & Reconstruction	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
4	dr. Suliati P. Amir, Sp.M,M.MedEd	Tumour & Reconstruction	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
5	Dr. dr. Habibah S. Muhiddin, Sp.M (K)	Vitreoretinal	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
6	dr. Junaedi Sirajuddin, Sp.M (K)	Infection and Immunology	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
7	Dr. dr. Noro Waspodo, Sp.M	Glaucoma	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
8	dr. Hamzah, Sp.M (K)	Lens	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
9	Prof. dr. Budu, Ph.D, Sp.M (K),M.MedEd	Vitreoretinal	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
10	Dr. dr. Noor Syamsu, Sp.M (K),MARS	Paediatric & Strabismus	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
11	Dr. dr. Purnamanita Syawal, Sp.M,MARS	Refraction	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
12	Dr. dr. Batari Todja Umar, Sp.M (K)	Neuro-ophthalmology	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
13	dr. Andi Muhammad Ichsan, Ph.D, Sp.M (K)	Vitreoretinal	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
14	dr. Andi Tenrisanna Devi, Sp.M (K),MARS	Glaucoma	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
15	dr. Hasnah, Sp.M (K),M.Kes	Infection and Immunology	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
16	dr. Siti Soraya Taufik, Sp.M,M.Kes	Infection and Immunology	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
17	Dr. dr. Marliyanti N. Akib, Sp.M (K),M.Kes	Paediatric & Strabismus	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
18	Dr. dr. Yunita, Sp.M (K),M.Kes	Neuro-ophthalmology	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
19	dr. Muh. Abrar Ismail, Sp.M (K),M.Kes	Lens	Permanent Lecturer		Member of IOA South Sulawesi,

					Member of IPA South Sulawesi
20	dr.Ahmad Ashraf Amalius, MPH, Sp.M (K),MKes	Community Ophthalmology	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
21	dr. Adelina Titirina Poli, Sp.M,M.Kes	Refraction	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
22	dr. Ririn Nislawati, Sp.M,M.Kes	Glaucoma	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
23	dr. Nursyamsi, Sp.M,M.Kes	Refraction	Permanent Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
24	dr. Ratih Natasha Maharani, Sp.M,M.Kes	Paediatric & Strabismus	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
25	dr. Andi Pratiwi, Sp.M,M.Kes	Tumour & Reconstruction	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
26	dr. Andi Akhmad Faisal, Sp.M,M.Kes	Lens	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
27	dr. Andi Suryanita Tajuddin, Sp.M	Vitreoretinal	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
28	dr. Rani Yunita Patong, Sp.M	Paediatric & Strabismus	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
29	dr. Idayani Panggalo, Sp.M	Vitreoretinal	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
30	dr. Muh. Irfan, Sp.M	Refraction	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi
31	dr. Dyah Ayu Windy, Sp.M	Vitreoretinal	Adjunct Lecturer		Member of IOA South Sulawesi, Member of IPA South Sulawesi

6.2 Criteria for Education Personnel

The Ophthalmology Residency and Training Program has administrative staff as many as two people who have different competencies and have their respective main tasks and functions.

1. Sudirman, SE, graduated from S1 Economics majoring in Accounting Faculty Economics, University of 45 Makassar
2. Endang Sri Wahyuningsih, SE is a graduate of S1 Economics Department of Accounting, Faculty of Economics, Yapis University Papua (UNIYAP) graduated in 2006 in Papua.

The education personnel performance appraisal system is assessed every month through a special portal for administrative staff of University of Hasanuddin.

CHAPTER VII

FACILITES

The ophthalmology department provides adequate facilities to support the educational process of students, including:

7.1 Facilities and infrastructure for RSWS:

- Inpatient room Lontara 3 Mata.
- Resident room in Lontara 3 2nd Floor

- Outpatient room (eye clinic)
- Eye surgery room in central operating theatre
- Eye emergency room
- Eye surgery room in the ER

7.2 Facilities and infrastructure for RSPTN UNHAS:

- Eye emergency room
- Inpatient room building A, 2nd floor
- Outpatient room (eye clinic)
- Eye surgery room
- Eye meeting room building A, 4th floor
- Wetlab room
- Library room

CHAPTER VIII

COLLABORATION, ALUMNI AND STAKE HOLDER

8.1 COLLABORATION

Type of Collaboration (Education, Research, Community Service)

The Ophthalmology Residency and Training Program has established several collaborations with domestic and foreign agencies that aim to assist the development of skills and knowledge of students. As for the field of community service, the Ophthalmology Residency

and Training Program collaborates with professional organizations locally and nationally in the implementation of cataract surgery social services and eye screening.

List of Cooperation Institutions (Name, Type of Cooperation, Start, End, Existing results)

In the field of education and research, the Ophthalmology Residency and Training Program collaborate with:

No	Name of Institution	Type of Activity	Collaboration Time		Benefits Obtained
			Start	End	
1	RSUP. Dr. Wahidin Sudirohusodo	Education Network	2016	Ongoing	Skills & Knowledge Development for Students
2	RS Haji Makassar	Education Network		Ongoing	Skills & Knowledge Development for Students
3	RS Pelamonia	Education Network		Ongoing	Skills & Knowledge Development for Students
4	RS Ibnu Sina	Education Network		Ongoing	Skills & Knowledge Development for Students
5	RS Akademis Jaury Jusuf Putera	Education Network		Ongoing	Skills & Knowledge Development for Students
6	RSUD Labuang Baji	Education Network		Ongoing	Skills & Knowledge Development for Students
7	RSUD Kab. Malinau	Education Network	2013	Ongoing	Skills & Knowledge Development for Students
8	RSUD Kab. Pohnuatu	Education Network	2013	Ongoing	Skills & Knowledge Development for Students
9	RSUD Kab. Selayar	Education Network	2012	Ongoing	Skills & Knowledge Development for Students
10	RSUD Kota Baru	Education Network	2015	Ongoing	Skills & Knowledge Development for Students
11	RSUD Kab. Bantaeng	Education Network	2015	Ongoing	Skills & Knowledge Development for Students
12	RSUD Kab. Bulukumba	Education Network	2015	Ongoing	Skills & Knowledge Development for Students
13	RSUD Kab. Malinau	Education Network	2016	Ongoing	Skills & Knowledge Development for Students

14	Dundee University, UK	Program Observer	2009	Ongoing	Knowledge Development with Opportunity for Fellowship for Staff and Resident at Ninewells Hospital and other hospitals in UK
15	<i>Royal Australian and New Zealand College of Surgeons (RACS)</i>	Social Service Program			Cataract Surgery Skills Development and Guest Lectures for Residents
16	<i>International Council of Ophthalmology (ICO)</i>	<i>Scholarship & International Exam</i>			As Standardized International Examination Organizer, Fellowship for 4 Teaching Staffs At Aravind Eye Hospital, India
17	ORBIS	Social Service Program	2013	2015-2020	Flying Eye Hospital, Fellowship Program for Teaching Staff & Nurse, Development of Paediatric Eye Centre, Hospital Based Program
18	CBM	Social Service Program		Ongoing	Fellowship for Refraction Staff, Cataract Social Service, Development of Children and Disability-Friendly Hospital, Low Vision Centre and Donation of Supporting Instrument, Cataract Set and Surgical Instruments, SICS Fellowship for Teaching Staff, Public Service
19	<i>Lions Club International Foundation</i>	Social Service Program and Education Assistance		Ongoing	Public Service & Knowledge Development, RAAB (2013), LCIF Grant Program, Sight First Grant I (2013-2014) & II (2016-2019)

20	Hellen Keller	Social Service Program and Education Assistance	2016	Ongoing	Creating Ophthalmology Module including Surgery modules, Cadre's training, Collaboration With ORBIS, HKI & BM as well as IOA in Paediatric Eye Centre Development & Paediatric Ophthalmology Service in All Districts in South Sulawesi
21	Yayasan Pelayanan Anak & Keluarga (LAYAK)	Social Service Program and Education Assistance	2016		Eradication of Blindness Program, Low Vision & Damaged Sight on Children in Indonesia

8.2 ALUMNI

Alumni Participation

Alumni participate in supporting the development of study programs through:

1. Involvement in academic and non-academic activities:

- Guiding scientific tasks at the stage of adaptation, basic, clinical, and academic stage (if the alumni are adjunct lecturers)

- Participate in scientific forums held by subdivisions
 - Active in professional organizations (IOA)
 - Collaboration for cataract surgery social service activities with department and home / area of alumni work
3. Collaboration with hospitals as a place for education

Ophthalmology Alumni Organization Structure

Chairman: dr. Hamzah, Sp.M (K)

Secretary:

1. dr. Rezaldi Pratama, Sp.M, M.Kes
2. dr. Ririn Nislawati, Sp.M, M.Kes

Treasurer:

1. dr. Elizar, Sp.M, M.Kes
2. dr. Soraya Arifin, Sp.M, M.Kes

Division

1. Social Activities Section / SPBK
dr. Mahyudi, Sp.M, M.Kes
2. Education Section
dr. Azhar Farid Musaddik, Sp.M, M.Kes

LIST OF ALUMNI OF THE OPHTHALMOLOGY AND RESIDENCY TRAINING PROGRAM (Last 3 Years)

No	Name	Year of Graduation	Current Workp1lace
1	dr. Andi Asriani, Sp.M, M.Kes	2017	RSUD. Lamadukelleng, Kab. Wajo
2	dr. Andi Akhmad Faisal, Sp.M, M.Kes	2017	RSPTN. UNHAS ,Makassar

3	dr. Rahmat R. Pangeran, Sp.M, M.Kes	2017	RSUD. Mokopido, Toli-toli
4	dr. Nursyamsi, Sp.M, M.Kes	2017	FK UNHAS
5	dr. Dian Hidayati, Sp.M, M.Kes	2017	RS Aulia, Jakarta
6	dr. Yunita Latief Lote, Sp.M, M.Kes	2017	RSUD. Massenrempulu, Kab. Enrekang
7	dr. M. Akbar Priyono, Sp.M, M.Kes	2018	RSUD. Prof. Dr. H.M. Anwar Makkatutu, Kab. Bantaeng
8	dr. Adriyanto W.A. Ibrahim, Sp.M, M.Kes	2018	Klinik Hasanuddin Eye Centre, Gowa
9	dr. Dhani Armiady, Sp.M	2018	RSUD. Lanto Dg. Pasewang, Kab. Jeneponto
10	dr. Suryani, Sp.M, M.Kes	2018	RSUD. Kota Kendari
11	dr. St. Suleha Umar, Sp.M, M.Kes	2018	RS. Bhayangkara, Makassar
12	dr. Dini M.V. Sitorus, Sp.M, M.Kes	2018	RSUD. Labuang Baji, Makassar
13	dr. Rezka Wildan Nur Putra, Sp.M, M.Kes	2018	RSUD. Siloam Kab. Sumba, NTT
14	dr. Olly Congga, Sp.M	2018	RS. Patriah IKKT, Jakarta Barat
15	dr. A. Suryanita Tajuddin, Sp.M	2018	RSPTN. UNHAS, Makassar
16	dr. Rani Yunita Patong, Sp.M	2018	RSPTN. UNHAS, Makassar
17	dr. Muh. Fadly Hidayat, Sp.M	2018	RSUD. Haji Makassar
18	dr. Eunike, Sp.M	2018	RSUD. Sangata, Kalimantan Timur
19	dr. George A.N. Sitanaya, Sp.M	2018	RSUD.Tenriawaru, Kab. Bone
20	dr. Idayani Panggalo, Sp.M	2018	RS. Tajuddin Chalid, Makassar
21	dr. Wanty Burhanuddin, Sp.M	2018	RSUD. Prof. Dr. H. M. Anwar Makkatutu, Kab. Bantaeng
22	dr. Riska, Sp.M	2018	RSUD Kolonodale, Morowali Utara
23	dr. Muhammad Irfan, MARS, Sp.M	2019	RSPTN. UNHAS, Makassar
24	dr. Dyah Ayu Windy, Sp.M	2019	RSPTN. UNHAS, Makassar
25	dr. Sulmiawati, Sp.M	2019	RSUD.Tenriawaru, Kab. Bone
26	dr. Syukriyah Sofyan, Sp.M	2019	RSUD Sayang Rakyat
27	dr. Dian Furqani Ibrahim	2019	Klinik Cerebellum, Makassar
28	dr. Suryana Rannu Pirade, Sp.M	2019	RSUD. Nabire, Papua
29	dr. Ulfah Rimayanti, Ph.D, Sp.M	2020	Ratulangi Medical Center, Makassar
30	dr. Meiliaty A. Angky, Sp.M	2020	RSUD. Kotabaru, KalSel
31	dr. Natalia Stevanie, Sp.M	2020	Klinik Mata Ophthalmikya (K-MOM), Banten
32	dr. Ganesa Wardana, Sp.M	2020	RSUD. Kepulauan Kota Tidore

8.3 STAKEHOLDERS

The stakeholders of the eye health study program consist of:

1. Faculty of Medicine, University of Hasanuddin

Every medical implementation of the Faculty of Medicine at University of Hasanuddin must refer to the educational policy of the Faculty of Medicine,

University of Hasanuddin who has the authority to determine academic policies as long as it does not conflict with the national education policy.

In line with this, FK-Unhas prepared Academic Standards which is then stipulated in the form of an FK-Unhas Dean's Decree

2. RSUP. Dr. Wahidin Sudirohusodo

The Vertical Hospital belongs to the health department which is Central General Hospital (RSUP-Rumah Sakit Umum Pusat) Dr. Wahidin Sudirohusodo based on the decree of the Minister of Health of the Republic of Indonesia. No. 540/SK/VI/1994 as a class A hospital and as an education hospital as well as the highest referral hospital in the eastern region of Indonesia.

3. Hasanuddin University RSPTN

Historically, Hasanuddin University Hospital, cannot be separated from history of the Faculty of Medicine, University of Hasanuddin because they are two institution that complement each other. The objective of why it was founded is to integrate Education, Research and Health Care in accordance with technological developments and community needs. After being inaugurated on February 15, 2010, then, the Chief Director is assisted by 4 managing directors, Directorate Of Medical and Nursing Services, Directorate Of Supporting Facilities and Collaboration, The Directorate of Education, Training and Research, and The Directorate of General Administration, Human Resources And Finance. Each directorate is assisted by 2-3 heads of division. Service run on the 1st floor of Building A.

CHAPTER IX

APPENDIX