

# Optimization Of Dental and Mouth Health Support at RSAL F.X. Soehardjo for IX Floor Soldiers to Support Operation and Training Activities in Order to Support the Task of The TNI AL

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## Abstract

*With regard to welfare, Law number 34 of 2004 more specifically explains that both soldiers and student soldiers have the right to health care, health and life insurance in Article 50. Good human resources will make soldiers more professional. One of the efforts to achieve this is the professionalism of soldiers is to improve the health of personnel through the implementation of health service management. Dental and oral health support is one of the health supports for the operation and exercise. The implementation of the dental and oral health support program is an inseparable part of the Indonesian Navy's health management, which focuses on efforts to improve health (promotive), healing (curative), and health restoration (rehabilitative) that are comprehensive, integrated, and sustainable. The method used in this paper is a descriptive method using a comprehensive deductive analysis. The writing of this manuscript uses a literature study approach and empirical experience gained while in service. In order to optimize dental and oral health support, steps are taken in the form of increasing dental and oral health personnel by increasing the quantity through increased recruitment, equal distribution of placements in all Indonesian Navy bases, especially in Lantamal IX, and increasing expertise and skills through courses and training. The improvement of dental and oral health facilities is carried out by establishing dental and oral health facilities equipped with mobile dental clinic units and field dental chair units, as well as containers of dental materials and medicines, and the medical technical development of dental care is carried out by carrying out research and development in the field of dentistry. carry out military dentistry training in the marine dimension, and apply teaching materials for military dentistry in Indonesian dentist education.*

## Keywords

Optimization; dental and oral health; soldier lantamal IX; RSAL F.X. Soehardjo



## I. Introduction

TNI Law Number 34 of 2004 concerning the Indonesian National Armed Forces (TNI) states that the Indonesian Navy (TNI AL) is one of the military organizations under the TNI which is tasked with carrying out the duties of the TNI in the field of defense, enforcing the law and maintaining security in the marine area of national jurisdiction in accordance with applicable legal provisions, both national law and ratified international law. Besides that, the Indonesian Navy also carries out the duties of Navy diplomacy in the context of supporting the free and active foreign policy that has been determined by the government, carrying out the duties of the TNI in development, and developing the strength of the marine dimension, as well as implementing the empowerment of the marine

defense area. As a military force with armaments used to carry out the duties of the Navy, soldiers are required to be able to best serve organizations in Pendirat, KRI, and the Marines. This is in line with the nine Kasal Policies, one of which is the development of the Indonesian Navy's human resources. Human Resources (HR) is the most important component in a company or organization to run the business it does. Organization must have a goal to be achieved by the organizational members (Niati et al., 2021). Development is a change towards improvement. Changes towards improvement require the mobilization of all human resources and reason to realize what is aspired (Shah et al, 2020). The development of human resources is a process of changing the human resources who belong to an organization, from one situation to another, which is better to prepare a future responsibility in achieving organizational goals (Werdhiastutie et al, 2020). With regard to welfare, Law number 34 of 2004 more specifically explains that both soldiers and student soldiers have the right to health care and health and life insurance as stated in article 50. This is related to what was conveyed by the Chief of Naval Staff (Kasal) when carrying out an entry briefing to 39 Naval Work Units via video conference at the Denma Headquarters Auditorium, Cilangkap, East Jakarta on Wednesday, May 20, 2020. Good human resources will make soldiers more professional. One of the efforts to achieve soldier professionalism is to improve health care personnel through the implementation of health service management. RSAL F.X.

Dr. Soehardjo Lantamal IX Ambon is a referral hospital for military and civilian patients, as well as a place or facility for students to practice medicine, midwifery, nursing, and pharmacists. Patient safety is a priority for RSAL Dr. F.X. Soehardjo, so a standardization of the service process is used, with the goal of producing quality services and providing them to patients in a timely and safe manner. In order to carry out the operations and training of Lantamal IX soldiers, health support is very important. Dental and oral health support is one of the health supports for the operation and exercise. The implementation of the dental and oral health support program is an inseparable part of the Indonesian Navy's health management, which focuses on efforts to improve health (promotive), healing (curative), and health restoration (rehabilitative) that are comprehensive, integrated, and sustainable.

It is not yet optimal to carry out dental and oral health support in operations and exercises held by Lantamal IX. This is because the number of health workers on duty in the dental clinic is only one (1) person. So, to support dental and oral health at RSAL F.X. Soehardjo was very limited. In addition, treatment facilities for dental health support are very limited. The number of health workers who only one person automatically affects also greatly affects medical technical nursing. With the large number of patients or the number of people who carry out dental treatment, it cannot be handled by a doctor. So it is necessary to think about policy measures in an effort to improve the implementation of dental and oral health support.

There are three (3) aspects that can determine the success of the implementation of dental and oral health support. The three aspects are: aspects of dental and oral health personnel; aspects of dental and oral health facilities; and technical aspects of medical nursing in the field of dentistry. The current condition of the three aspects at RSAL F.X. Soehardjo, namely the number of health workers, who only amounted to 1 (one) person with specialization in electromedical Then the dental and oral health facilities also do not meet the standards of dental and oral health support. The dental and oral health facilities owned by F.X. Soehardjo only consist of one set of dental and oral care tables. For dental and oral surgery equipment, RSAL F.X. Soehardjo is still not available. In carrying out

dental and oral health support from these three aspects, there are problems regarding the limitations in the quantity of health workers and dental health facilities and the absence of medical technical development for the treatment of dental and oral diseases in surgery and training, so it is necessary to think about policy measures in order to increase.

The health condition of Lantamal IX soldiers is very important in supporting the implementation of operations and training activities. Dental and oral health conditions as part of the health of Lantamal IX soldiers are generally required so that all Lantamal IX soldiers are ready to carry out every task and are ready to be deployed in the fields of operation. With the health of Lantamal IX soldiers in terms of dental health status, the implementation of operations and training activities carried out by the Indonesian Navy in order to carry out their duties can be achieved as expected. This study aims to optimize dental and oral health support at RSAL F.X. dr. Soehardjo for Lantamal IX soldiers to support operations and training activities.

## **II. Research Method**

The method used in this paper is a descriptive method using a comprehensive deductive analysis. The writing of this manuscript uses a literature study approach and empirical experience gained while in service.

## **III. Result and Discussion**

### **3.1 Policy**

By looking at the current state of dental and oral health support and faced with the expected conditions, it is identified that there are non-optimal implementations. There are 3 main issues, namely: Dental and oral health workers The limited number of dental and oral health personnel at the Indonesian Navy Base as the organizer of the support function has resulted in a decrease in the ability to support dental and oral health. Measures to overcome this matter were encouraged by the Kasal policy in terms of accelerating the fulfillment of the strategic plan for the realization of the Minimum Essential Force (MEF), but were hampered by the Zero Growth policy in the personnel sector. b. Dental and Oral Health Care Services The current existence of dental and oral health facilities when faced with the expected conditions is very lacking.

This shortcoming can be overcome with a fulfillment plan. Problems related to the weakness of equipment technology can be overcome by taking advantage of the opportunities for rapid development in the fields of dental technology and domestic industrial technology at affordable prices to fulfill them. Dental Medical Technical c. In overcoming the limitations of the technical field of dental care, opportunities can be utilized for the development of military dentistry as a separate branch of discipline that has been recognized by the Indonesian Dentist Collegium. This step to improve the technical development of dental care can also take advantage of a joint commitment to the Association of Indonesian Dentistry Faculties, which will include military dentistry as a teaching material in Indonesian Dental Education.

In accordance with the above discussion, using organizational theory and management theory as a basis, the process of optimizing dental and oral health support at RSAL F.X. Soehardjo for Lantamal IX soldiers to support operations and training activities in order to support the duties of the Indonesian Navy is prepared with the following policies:

"The realization of optimal dental and oral health support at RSAL F.X. Soehardjo through increasing dental and oral health personnel, improving dental and oral health facilities, as well as developing medical technical dental and oral care to support operations and training activities in the context of carrying out the duties of the Navy."

1. Strategy In order to optimize dental and oral health support for Lantamal IX soldiers with various problems, strategic steps were taken by increasing the development of dental and oral health personnel, improving dental and oral health facilities, and developing medical-technical dental care to support the success of operations and training in order to support the task of the Navy.
2. Based on the policy direction that has been taken, it is necessary to determine the right strategy in order to optimize dental and oral health support for Lantamal IX soldiers, namely by increasing the functions of coaching, development, and procurement by minimizing obstacles and taking advantage of opportunities in order to solve existing problems. The strategies taken are as follows:
  - a. Strategy - 1: Improving dental and oral health personnel by increasing the number of dental health personnel, regulating dental health personnel placement, and developing dental and oral health workers' expertise.
  - b. Strategy - 2: Improving dental health facilities at TNI AL bases by completing dental and oral health facilities and purchasing dental equipment, both permanent and mobile or field.
  - c. Strategy 3: Promote medical technical dental and oral care by conducting research, assessing, and developing medical technical fields in dental and oral care.

### 3.2 Effort

To implement the strategy that has been adopted, real efforts and steps are taken in order to optimize dental and oral health support for Lantamal IX soldiers as follows:

#### Supporting Strategy-1 Efforts

1. Coordinate with TNI Headquarters and the Ministry of Defense on the provision of TNI AL officer personnel who are dentists in accordance with the needs of the TNI AL Base organization manning in accordance with the plan to increase the strength of the personnel field in 2024. From the results of the planning for the procurement of dental personnel, it can be concluded The number of dentists is recruited through the Career Officer route with an increasing number so that, gradually and surely, in the end, the placement of dentists at each Navy Base can be achieved.
2. Disminpersal and Srenal make plans for increasing the procurement of dental health personnel in accordance with Diskesal and Disminpersal's personnel needs plan, so that they are supported by the overall personnel procurement budget. c) Coordinate/start communication with Disdikal about increasing medical personnel for dentists and dental nurses by opening education/courses with adjusted materials and lengths of education/training.
  - 1) Disappointed
    - a. Coordinate with Disminpersal to prepare a plan for the need for dental health personnel by taking into account the personnel needs based on up-to-date data and carried out carefully to meet the presence of dental and oral health personnel throughout the Indonesian Navy Base in accordance with the Navy's strength development plan.
    - b. To control the placement of dentists and dental nurses so that every Indonesian Navy base has a dentist, or if there isn't one, the Diskesal Office can arrange for a dentist from the nearest Rumkital to provide health support.

## 2) Discrete

- a. Work with Diskesal and Ladokgi REM to plan courses and training in marine military dentistry for new dentists or dentists who do not yet have competence in military dentistry, and carry out training by appointing Ladokgi R.E. Martadinata as the executor of the military dentistry course or training, with the understanding that Ladokgi REM meets the requirements in the form of training facilities and infrastructure for new dentists.
- b. Making regulations by planning and implementing military dentistry training for former Diksargolan dentists, by applying both theoretical and practical curricula as a refresher for new dentists, so that before being placed, dental officers are equipped with all matters concerning dental health support. and a mouth at the base. This needs to be done because during the career officer education, which is 11 (eleven) months, dentists are not given a single lesson on dentistry; therefore, there is a need for a review or refresher on dental science that is obtained at the dental faculty.
- c. Disdikal cooperates with several universities to improve the professionalism of dentists and dental nurses by conducting joint assessments and sharing information on dental and oral health.

## 3) RSAL F.X. Soehardjo

- a. Work with the Army and Air Force Health Offices in Ambon and Maluku to create course and training materials that will provide new dentists with lessons on military dentistry in a variety of dimensions. In the preparation of training materials, cooperation in various dimensions is needed with the aim of preparing new dentists to face the aspects of dentistry in both land, sea, and air dimensions. This is because of the three forces, there are operations on land, sea, and air operations.
- b. In the field of research and training, RSAL F.X Soehardjo collaborates with provincial and city health offices.

## 3. Disminpersal

- a. Carry out regulations, taking into account the proposal from Diskesal to regulate the placement of dental personnel by prioritizing the Indonesian Navy Base or other units that carry out the function of supporting dental health for elements of operations. Assignments for new dentists at TNI AL bases can be carried out for 3 years so that it provides a wide space for Disminpers to fulfill the placement of dentists at TNI AL bases from the results of 3 years of dentist recruitment.
- b. Expanding opportunities for sons and daughters in the IX lantamal work area by increasing the number of officer, non-commissioned officer, and enlisted men recruitments.

## 3.3 Efforts to support Strategy – 2

### 1) Disappointed.

- a. Work with Disfaslanal to plan and implement the procurement of dental health facilities at each Navy Base, submitting them to Srena in stages based on the priorities and level of vulnerability of the Navy Base area, so that Lantamal IX can later support dental and oral health for elements operations that carry out supply and support needs in their area.
- b. Plan and implement the procurement of mobile dental clinic units intended for the Indonesian Navy Main Base in stages by considering the priority scale based on the level of threat and vulnerability of each Indonesian Navy Main Base. The mobile dental clinic unit that will be held must first go through an assessment of the terms and conditions. The conditions considered are the ability to move, ergonomic

aspects, machine and unit condition, machine and unit maintenance costs, availability of auto parts and gear units.

- c. Plan and carry out the procurement of field dental chair units to support training and operations in Lantamal IX. The field dental chair unit that will be held has been well considered regarding the requirements of the field dental chair unit for effective use in operations and training activities. The requirements in question are the weight of the equipment, comfort, egotism, maintenance, and packaging costs. If it meets the requirements, it is hoped that the treatment of dental disease cases in the field will be carried out quickly and effectively.
  - d. Directed RSAL F.X. Soehardjo to conduct research and development in the field of preparing mobile dental clinic units and field dental chair units in order to find equipment that can be used to support dental and oral health comfortably and effectively in order to deal with problems in the dental health sector of Indonesian Navy Soldiers.
  - e. Purchasing containers containing dental materials and medicines in quantities consistent with the provisions as a standard dental and oral health support for handling cases of dental disease in the field of operations and training, in order to treat dental diseases in soldiers in need in the field of operations and training. With the provision of dental health standards, it makes it easier to procure with simpler procurement items.
  - f. Provide necessary dental support equipment, such as X-ray machines, sterile tools/rooms, and sterile vacuums.
- 2) RSAL F.X. Soehardjo conducted research and development to compile a formulary of dental health ingredients and medicines needed for health support so that they can be packaged in practical, safe, and protected containers from damage. From the research and development results, materials, equipment, and drugs consisting of diagnostic support equipment, treatment support equipment, treatment materials, rehabilitation treatment support materials, sterilization and disinfectant materials, as well as patient support materials in packaging as dental health supplies standard in every support.

### **3.4 Efforts to support Strategy – 3**

#### **1) Disappointed**

- a. Making regulations by emphasizing the implementation of health exercises in stages all the way up to the level of implementation of Integrated Health Exercises (Latkesdu) in which training is carried out in handling dental care cases using medical techniques for dental and oral care that have been determined so that the handling of dental disease cases occurs in Indonesian Navy soldiers who carry out operations and training tasks can be carried out quickly and effectively. The implementation of health exercises should be carried out in conjunction with other exercises such as base combat duty training (Glagaspur) both at the P1 and P2 levels and up to integrated combat training at the next level.
- b. Designating Ladokgi REM as a research and development institution in the medical technical field of dental and oral care for the benefit of health support. The appointment was based on the consideration that Ladokgi REM has duties and functions other than as a service and education/training institution. Ladokgi also has duties and functions as a research and development institution in the field of marine military dentistry. The appointment of Ladokgi REM is accompanied by the freedom to collaborate with institutions both from within the country and from abroad so that they can produce good products that are easily implemented by dentists in the field.

- c. Disseminate Ladokgi REM medical-technical dental and oral health care research findings to new dentists and dental nurses via health promotion media activities and personnel communication media such as troop information, health news magazines, and magazines in cities and units, in order to support the assignment in the area of operation.
  - d. As a technical supervisor in the health sector, use the monitoring method to conduct continuous monitoring of dental and oral health facilities at the Indonesian Navy Base in the regions in terms of technical handling of teeth and mouth, as well as materials and equipment, via a centralized reporting and evaluation system, so that all weaknesses and shortcomings in the application of techniques for treating patients with dental and oral diseases can be identified immediately. Reports and evaluations are carried out simultaneously, with quarterly reports sent to the Diskesal as a means of controlling the health sector.
- 2) RSAL F.X. Soehardjo
- a. In accordance with its main duties and functions as a hospital that can support the health readiness of Lantamal IX soldiers, conduct research and development in the field of medical techniques for treating dental disease cases that are effective, practical, fast, and can be carried out in various fields and with equipment that has been specially designed for performing maintenance in difficult terrain. The results of research and development will later be used in providing courses to new dentists before they are placed in the areas of Lantamal IX. Research and development of dentistry and oral medicine in the context of surgery and training support is carried out continuously with a budget that can be proposed in the RSAL F.X budget. Soehardjo, both sourced from APBN funds and non-APBN funds.
  - b. To develop medical techniques for dental and oral care in collaboration with other dental institutes and professional dental organizations, as well as dental institutions from other countries, by utilizing communication and coordination facilities established in military dentistry organizations. As with ASEAN and international organizations, in order to obtain the latest dental disease treatment techniques, the goal is to provide fast, precise, and effective dental health care in alleviating the illnesses suffered by Indonesian Navy soldiers in operations and training activities.
- 3) The health work unit, especially in the field of dental and oral health at the TNI-AL base, always coordinates with Ladokgi REM as a competent institution for the development of marine dimension dentistry to always update medical techniques for dental and oral care in order to improve the quality of effective and effective dental disease management. fast. Dentists stationed at TNI AL Bases or other dental health support facilities are always in constant communication with RSAL F.X. Soehardjo in order to always get up-to-date information in the field of dentistry.

#### **IV. Conclusion**

By taking into account the current conditions and facing the expected conditions and the achievement of the results of the discussion, it can be concluded as follows:

1. In order to optimize dental and oral health support, steps are taken in the form of increasing dental and oral health personnel, dental and oral health facilities, and developing medical-technical dental and oral care.
2. Increasing the number of dental and oral health personnel is accomplished through increased recruitment, equal distribution of placement in all Indonesian Navy bases,

- particularly Lantamal IX, and increased expertise and skills through courses and training.
3. Improvement of dental and oral health facilities is carried out by establishing dental and oral health facilities equipped with mobile dental clinic units and field dental chair units, as well as containers of dental materials and medicines.
  4. Medical technical development of dental care is carried out by carrying out research and development in the medical technical field of dental care, carrying out military dentistry training in the marine dimension, and applying military dentistry teaching materials in Indonesian dentist education.

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