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EVALUATION OF HEALTH WORKER MANAGEMENT POLICY IMPLEMENTATION IN LEBAK BANTEN DISTRICT

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ABSTRACT

The purpose of this study is to evaluate the implementation of health worker management policies in Lebak District which is a underdeveloped area at the stage antecedents, transactions, and outcomes. The research design used a qualitative method with the model evaluation approach countenance'stake. Primary and secondary data collection was carried out by interviewing, observation, focus group discussion, and documentation study accompanied by validation test using triangulation and data analysis using interactive technique of Miles and Huberman. The results of the research at the antecedents phase were low. At the transaction phase, low value. At the outcomes phase also low value. The conclusion of the study that there is a contingency between the component aspects evaluated at antecedents phase were low-value which has an impact on the transactions phase low-value. These two components affect the components of the outcomes phase, so they are also of low value. This means that as a result of inadequate health worker management policies, the implementation of policies cannot be implemented properly, this has an impact on almost all aspects of the transactions. most of them are not implemented, so that the outcome phase is not achieved, meaning that the community health status is not yet as expected. In order for the achievement of outcomes phase in the high, the components at the antecedents and transactions phase must be repaired and improved.

Keywords: evaluation of policy implementation, management of health worker, stake's countenance model, underdeveloped areas.

Introduction

Health development is directed at realizing the highest public health status, and health human resources are the main key to the success of achieving health development goals. Various studies show that health workers are the main key in the successful achievement of health development goals. Health workers contribute up to 80% in the success of health development.

In the 2006 WHO report, Indonesia is one of the 57 countries facing a human resource crisis in health, both in insufficient number and distribution (Kepmenko Kesra, 2013). Therefore, health human resources, including health workers, are one of the main issues that need attention, especially regarding the number, type, and distribution. However, the facts on the ground show that health workers have not been properly managed. This can be seen from the inadequacy of health workers in various areas, especially in underdeveloped, remote, border and archipelago areas (DTPK). The problems of health worker are the number and types of health workers who are still lacking, inadequate quality, mismatch between supply and demand, unequal distribution of health workers, inadequate empowerment, low levels of endurance / retention of health workers, especially in DTPK.

A shortage of various types of health worker occurred in a number of health service facilities, from 9,550 puskesmas in 2014 there were 9.8% of puskesmas without doctors, 2,194 puskesmas without nutrition workers and 5,895 puskesmas without health promotion worker. The problem of shortages of health workers is exacerbated by the unequal distribution (BPPSDM Ministry of Health, 2017).

Problems regarding the lack of fulfillment of health worker in underdeveloped and remote areas also occur in several other countries, according to Strasser et al., (2016) when compared to urban areas, rural and remote residents have a lower life expectancy and worse health status. In each country, the health status of the rural population is worse than that of the urban population. Wang et al., (2019), mentioned the problem of village doctors as gatekeepers

for the health of rural residents in China, faced with difficulties in providing basic public health services (BPHS), which significantly prevented them from providing high quality BPHS. The same thing was also conveyed by Robyn et al., (2015) who stated that almost every country in the world faces a shortage of health workers in remote areas. According to Zhu et al., (2019), adequate and quality health worker are essential to achieve universal health coverage as stated in the goals of sustainable development. A shortage of health workers is also experienced by the state of Timor Leste, the government is trying to retain health staff in rural areas, and especially more trained health staff such as doctors, nurses and midwives (Smitz et al., 2016). Research by Wurie et al., (2016) in Sierra Leone shows that rural health workers face challenges, including those from difficult terrain, which adds to the general underdeveloped of rural life. Like many other low and middle income countries, India faces challenges in recruiting and retaining health workers in rural areas, achieved through the appointment of health workers in rural areas (Rajbangshi et al., 2017).

Likewise in Lebak District, as an underdeveloped area, an area with health problems and prone to disasters, problems in managing health worker also occur, morover the location of Lebak District is close to the state capital, which is only 100 square kilometers, but the problem of shortages of health workers has never been resolved until now. This is a classic, never-ending problem. Judging from the type of health worker, out of 42 puskesmas, only 3 puskesmas are in accordance with the standard, if it is seen from the number of health workers, none of them are according to the standard. Judging from the competence, not all of them are up to standard. From the distribution aspect, the distribution is not evenly distributed, due to the lack of doctors/dentists and other health workers.

The problem of a shortage of health workers results in inadequate health services, which will cause a decline in the status of public health. This situation shows that there are problems in the management of health workers. From the health worker problems, the management policy

needs to be reviewed whether there are problems in determining the policy, or the planning is inadequate and inappropriate, or the implementation of the policy is problematic. To find out this, it is necessary to conduct evaluation research with the aim of evaluating the implementation of health worker management policies at the initial, process and final stages. The state of the art or novelty from this research is the concept of a policy model recommendation to overcome the problem of fulfilling health workers in Lebak District and underdeveloped areas.

Material and Methods

The research was carried out from January 2019 to January 2020. The research was conducted at the health office and health centers in Lebak District. The research design is the overall design of the study (Ahmad et al., 2018). This research was designed using qualitative methods. Bogdan Taylor in (Moleong, 2017) mentions this qualitative method as a research procedure that produces descriptive data in the form of written or spoken words from people and observable behavior.

The approach in this research is an evaluation approach, and the evaluation chosen is an evaluation of the implementation of health worker management policies. In accordance with the established focus, objectives and evaluation model, the policy evaluation approach chosen is an evaluation that is oriented towards examining various aspects of the implementation of health worker management policies so that they can be understood in depth so that they can evaluate each stage and the entire stage. The evaluation model used is the evaluation model *Stake's countenance*, this model describes three phases in policy evaluation, namely antecedents, transactions, and outcomes (Vedung, 2009:62). The evaluation process focuses on two data analysis are descriptions and judgments. The evaluation was carried out using analysis contingency and congruence. Contingency is the link between the initial conditions, processes, and outcomes consist of logical contingency and empirical contingency. Logical

contingency is the result of consideration of the logical relationship between initial conditions and process and outcome. *Empirical contingency* is relationship between initial conditions, processes and results based on data. *Congruence* is the conformity between the criteria and the observed facts. Based on these descriptions, and juxtaposed with the aspects at this research stage, the research design can be seen in the following figure:

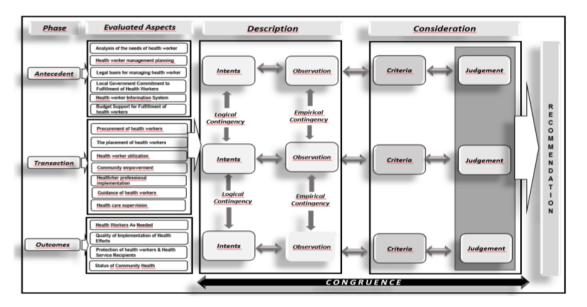


Figure 1. Research Design Evaluation of Health Worker Management Implementation (using Stake's Countenance Model)

Data collection was carried out through interviews, observation, documentation study, and focus group discussion. The informants in this study were the Head of the Health Office, the head of the field and the head of the section for health human resources, the head of the puskesmas, doctors, health workers, community leaders and the community around the Lebak District Health Center. Data analysis is an attempt to interpret data (Creswell, 2017). The data analysis technique uses an interactive analysis model from Miles and Huberman as quoted by Sugiyono, (2010), which is a method of analysis that is continuously carried out during the research, since the data is collected even when data collection is carried out including data collection, data reduction. (data reduction), data presentation (data display) as well as drawing

conclusions and verification (*conclusion drawing* / *verification*). According to Afrizal, (2015) the validity of the data is that the data collected can describe the reality to be expressed. In qualitative research it is not the number of informants who determine the validity of the collected data, but one of them is the accuracy and suitability of data sources with the required data. One of the techniques to obtain valid data is the use of triangulation. According to Sugiyono, (2010) triangulation is checking data from various sources in various ways and at various times. In general, there are 4 (four) methods used in testing the correctness of the data, namely *credibility*, *transferability*, *dependability*, and *confirmability tests*. Triangulation is used to test the validity of the instrument, namely triangulation of data sources, triangulation of data collection techniques, and triangulation of time.

Results and Discussion

The research results for each evaluation phase are presented in the Countenance Stake matrix including *intents*, *observations*, *standards*, *criteria* and *judgements* in the following tables which are grouped according to the phase including antecedents, transactions, and outcomes phase.

Table 1. Achievements of Antecedent Phase

Description <mark>Matrix</mark>		Judgement Matrix	
Intents	Observations	Criteria	Judgment
Health worker	The objective of the health worker need	Fulfillment of analysis	The low category
needs analysis	analysis is already in the health office	needs of Health, include	(32%) meaning
	needs planning document in 2019, but	goals clear analysis, a	that a small part
	does not clearly describe the objectives of	correct analysis of the	aspects of the
	the needs analysis, there are officers who	number, types,	analysis of the
	make plans but they are limited, no in-	competencies and	needs of health
	depth analysis and no training and	distribution, the officers	workers
	provisioning, less intense supervision.	analyzes competent,	implemented/
		there's intense	according to the
		supervision	criteria.

proper preparation guidelines of PMK No. 33 of management of health worker as needed based on the number, quite right. The number and type have been made, but only in the form of data competence and distribution. The legal basis aupervision and direction. The legal basis supervision and direction. The legal basis are ference, been used as a standard sused as a reference, been used as a standard success criterion, understood and used as criteria for success The commitment of the local government is high in meeting of the calt workers in Lebak based on interviews who want to achieve but the number, type, management based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker includes being prepared that a small part based on a needs of the health worker including to worker analysis according to worker are implemented / distribution, competent planning team and istribution, competent planning team and intense supervision and istribution, competent planning team and istribution, competent planning team and available according to the criteria. There is a clear legal basis is used as a sareference, the legal basis is used as a sareference, the legal basis is used as a sareference, the legal basis is used as a sandard success criterion, understood, and the legal basis is used as a standard success criterion. The commitment of the local government has been stated in the vision and mission of the local government to the plocal government to the plocal government to the plocal government	Planning the	Planning is prepared based on the	Existence of proper	The low category
health worker as needed based on Planning, however the planning is not the number, quite right. The number and type have type, been made, but only in the form of data reports, have not yet carried out the distribution. The legal basis	proper	preparation guidelines of PMK No. 33 of	planning which	(32%), meaning
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health workers strengthened by the regent's commitment official documents and implemented / in Lebak based on interviews who want to achieve socialization. available	high in meeting	the 2014-2019 Lebak District Health	worker, including the	government
in Lebak based on interviews who want to achieve socialization. available	the needs of	Office Strategic Plan document,	commitment stated in	commitment are
	health workers	strengthened by the regent's commitment	official documents and	implemented /
District The Healthy Label this fulfillment	in Lebak	based on interviews who want to achieve	socialization.	available
District. The freating Leoak, this furniment according to the	District. The	Healthy Lebak, this fulfillment		according to the
criteria.				criteria.

	commitment has not been carried out		
	optimally.		
The health	There is an application "SIKDA	The existence of an	The low category
worker	Generic", namely a regional health	adequate health worker	(33%), meaning
information	information system that applies	information system,	that a small
system provides	nationally, and is still being developed,	which includes	proportion is
data and	including the information system for	providing data and	implemented /
information that	health workers, but data is not optimally	information that is	available
is accurate,	available. accurate, reliable and timely.	accurate, reliable and	according to the
reliable and		timely.	criteria.
timely			
An adequate	The local government has allocated a	The availability of an	The low category
budget to	budget of 14 billion rupiah, totaling 1041	adequate budget to	(27,3%), meaning
fullfilment the	people. This limited budget has resulted	meet the needs of health	that a small part of
needs of health	in the majority of replacement health	workers, including the	this aspect is
worker.	workers receiving honoraria below the	budget for replacement	implemented /
	Lebak District Minimum Wage.	health worker and the	available
	For the health worker retention budget,	budget for retention of	according to the
	the local government has not provided a	health worker.	criteria.
	specific budget.		

Table 2. Achievement of Transaction Phase

	Description Matrix		atrix
Intent	Observation	Criteria	Judgment
The	Procurement through selection comes	The existence of	The low
procurement of	from the central government consisting of	procurement of health	category (30%),
health workers	central CPNS / PNS, special assignment	worker adequate	meaning that a
to fullfil the	worker for the healthy archipelago	including procurement is	small part of the
needs of health	program, and internship doctors. From	carried out through	procurement of
workers	local governments consisting of CPNS /	selection, the fulfillment	health worker is
according to	regional PNS, staff supporting (SS) and	of procurement based on	carried out /
planning.	volunteer staff, the selection process is	the number, type and	available
	not yet adequate. The local government	competence according to	according to the
	has provided replacement health worker,	planning, the local	criteria.

	namely SS and volunteer workers, but	government provides	
	due to limited budgets.	replacement health	
		worker.	
The Placement	Placements have not been carried out	The existence of suitable	The low
of health	according to needs and planning. Most of	placement of health	category (31%),
workers is	the placement of SS and volunteer	workers includes	meaning that a
carried out for	workers was prioritized for existing	placement according to	small part of
equal	utilization although not yet according to	needs and planning,	this aspect of
distribution as	their competence. The distribution of	distribution for equal	health worker
needed.	health worker has not been carried out	distribution as needed,	procurement is
	optimally so that the distribution is not	and responsive	carried out /
	evenly distributed, responsive	supervision to overcome	available
	supervision has been implemented, but is	placement problems.	according to the
	constrained by the limited number and		criteria .
	types of health workers.		
Utilization of	Utilization has not considered the type of	The existence of optimal	The low
health worker is	health worker services, indicated by the	utilization of health	category (33%),
carried out to	absence of health worker in several	worker including	meaning that a
optimize the	puskesmas, Utilization has considered the	utilization by considering	small part of
fulfillment of	number of health facilities and the	the types of health	this aspect of
health worker.	number of health worker according to the	services, the number of	health worker
	workload, but is still limited. Mutations	health facilities, the	utilization is
	have not been carried out, neither	number according to the	implemented /
	thetransfer tour of duty nor theof the	workload,	available
	area. There is already a position	implementation of	according to the
	committee but the number is limited. Due	mutations, both tour of	criteria.
	to the limited number available,	duty and tour of area,	
	mutations are not optimal.	and the existence of a	
		committee of positions	
		for the mutation	

Community	empowerment activities have been	The existence of	The good
empowerment is	carried out, but due to the limited	community	category (69 %)
carried out by	number, types and competence of health	empowerment optimal	meaning that
involving the	workers, the conditions for access and	includes community	some aspects of
community in	terrain are difficult to reach, so it has not	empowerment activities	health worker
the Community-	been optimal. There are creative and	in the UKBM program,	empowerment
Based Health	innovative ideas from the Cijaku and	and the existence of	are implemented
Effort program.	Bojongmanik Puskesmas, namely the	creative and innovative	/ available
	UJAS program (Invite, Pick up, Deliver,	ideas developed in the	according to the
	Congratulations) and the JAMILAH	community health effort	criteria.
	program (pick up and drop off pregnant	program.	
	women with problems).		
Health workers	Health workers have carried out their	Fulfillment of high	The sufficient
carry out their	duties according to their competence and	professional	category (43%),
duties	authority by being required to have STR	implementation	meaning that
professionally.	and SIP / SIK, but are still constrained by	achievements include	some aspects of
	the timeliness of STR and SIP extensions.	health workers carrying	the professional
	Regulations for delegating authority	out tasks in accordance	implementation
	already exist, but their implementation	with their competence	of health
	has not been optimal due to the limited	and authority, the	workers are
	number of health workers. Health	existence of delegation of	carried out/
	workers have followed the latest	authority in accordance	available
	developments in science, but due to	with applicable and	according to the
	limitations in time, access, costs and	implemented regulations,	criteria.
	limited numbers, they have not run	and developing the latest	
	optimally.	science.	
Guidance for	Technical guidance has been carried out,	Adequate guidance of	The sufficient
health worker is	however, due to limited guidance worker	health workers includes	category (42%)
carried out to	and difficult access to locations, it is not	technical guidance of	meaning that
improve the	optimal. Likewise, the professional	health workers,	some aspects of
quality and	guidance for the implementation is	professional development	this health
professional	inadequate, so that the fulfillment of the	of health workers,	worker
	SKP for extending STR / SIP is difficult	development of health	development are

development of	to achieve. Education and training have	workers through	implemented /
worker.	been carried out, but have not been	education and training,	available
	carried out routinely and programmed,	and continuous	according to the
	only incidentally and limited to certain	professional development	criteria.
	types of health. Continuous professional		
	development has been carried out, but its		
	implementation is still limited due to		
	limited costs.		
Supervision of	Supervision of compliance with	There is strict	The low
health workers	applicable laws and regulations, has not	supervision of health	category (35%),
is carried out to	been running optimally because	workers including	meaning that in
provide legal	management requires long distance travel	supervision of	a small part of
certainty for	costs. STR, SIP and SIK are needed so	compliance with	the aspect of
health workers	that there is legal certainty for those	statutory provisions,	health worker
and the	concerned and for people who receive	supervision to provide	supervision this
community.	health services, because they are served	legal certainty for health	is implemented
	by people who have the competence and	workers and the public,	/ available
	authority. Sanctions for these violations	and sanctions for non-	according to the
	cannot be enforced strictly considering	compliance with	criteria.
	the limitations of health workers.	regulations	

Table 3. Achievement of Outcomes Phase

Description Matrix		Judgment Matrix		
Intent	Observation	criteria	Judgment	
Availability of	The fullfilment for health workers have	Fulfilling the needs of	The low	
health workers	not been achieved optimally. With the	health workers with high	category (29%)	
according to	limited number and types, the	achievements, including	meaning that a	
needs and can be	distribution cannot run as needed. The	the availability of	small proportion	
utilized	health administration efforts did not	competent types of health	of these aspects	
optimally.	run optimally, because the availability	workers according to	are available	
	of health worker was not fulfilled, so	needs, distributed	according to the	
	that it could not be utilized optimally.	appropriately, and	criteria.	
		optimally utilized health		
		worker.		

Increasing the	The quality of the implementation of	Fulfillment of high	The sufficient
quality of the	health efforts has been made by	achievements, the quality	category (41%),
implementation	improving the quality of health service	of the implementation of	meaning that
of health efforts	facilities, indicated by, among other	health efforts provided by	some aspects of
provided by	things, the accreditation of most	health workers.	the quality of
health workers	puskesmas, but the results of the		health service
	assessment of most puskesmas need to		delivery are
	be improved. Likewise with quality,		implemented /
	due to limited numbers, types and		available
	opportunities to attend education and		according to the
	training, optimal quality has not been		criteria.
	achieved.		
Achieved the	Health Protection insurance for health	The fulfillment of the	The good
protection of	workers who take professional actions	protection of health	category
health workers	and protection for health service	workers and recipients of	(61.5%),
and health service	recipients already exist and are	Health services, includes	meaning that
recipients	regulated in the Workers Law. The	guaranteed protection for	some aspects of
	implementation has been implemented	health workers who take	health worker
	by involving professional	professional actions and	protection are
	organizations. Provisions regarding the	the protection for health	implemented /
	rights and obligations of health	service recipients is stated	available
	workers are regulated in the health	In the policy, there are	according to the
	worker law, while the rights and	provisions regarding the	criteria.
	obligations of patients are regulated in	rights and obligations of	
	PMK No. 4 of 2018. However, it has	health workers, and there	
	not been able to run optimally because	are provisions regarding	
	there are still delays in the STR and	the rights and obligations	
	SIP / SIK registration process.	of patients.	
Increasing the	The level of community health in	The increase in the highest	The low
status of	Lebak District still needs to be	level of public health is	category (30 %),
community health	improved, this can be seen from the	indicated by the	meaning that a
as high as	high maternal mortality rate, infant	fulfillment of the	small proportion
			of aspects of the

malnutrition among children under five, and stunting in baduta. The contributing factor is the lack of highly needed health worker in health facilities/Puskesmas that are urgently needed, especially worker and doctors for the UKP program and the lack of public health worker, environmental health workers, and nutrition workers for the UKM program.

decreasing maternal mortality, decreasing infant mortality rates, decreasing prevalence of malnutrition among five-year-old infants (toddlers), decreasing stunting in two-year-old infants (baduta) and increasing rates Life expectancy

status of public health are implemented / available according to the criteria.

The summary of the congruency analysis is described in figure 2 as follows.

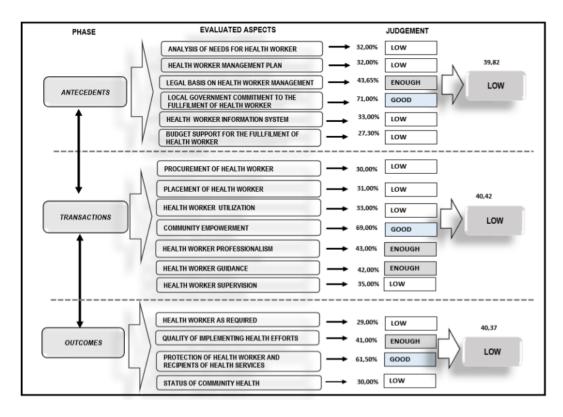


Figure 2. Congruency Analysis Summary of Evaluation of the Implementation of Health Worker Management

Antecedent Phase

The results of the evaluation at the antecedent stage obtained a low category assessment, meaning that a small part of the aspects contained at this stage were implemented / available according to the criteria. From the aspect of analyzing the needs of health workers, it is better if the needs analysis is carried out appropriately because it will affect the preparation of planning, so that planning is not appropriate and will have an impact on the organization as stated by Hidayanti, (2019) quoted from Adawiyah & Sukmawati (2016) that errors in HR planning will have a negative impact on the organization because it can lead to organizational inefficiencies primarily related to labor financing.

Planning has used the prevailing laws and regulations as a reference, however, the legal basis for the preparation of health worker management planning is poorly understood and has not been used as standard criteria. An understanding of the legal basis is important, therefore there needs to be intensive guidance or training for the team of analysts and planning teams for health worker needs. The commitment of the local government is good value, this must be maintained and increased considering that high commitment will leverage togetherness to achieve organizational goals. When viewed from the existing health worker information system, it is necessary to have an accurate, reliable and timely information system that will support the accuracy in analyzing the needs of health workers. The budget aspect for meeting the needs of health workers is of low value because the budget provided is very limited. The budget that slightly affects health workers to feel at home and last a long time in areas that are less desirable. The higher the income provided, the more retention of health workers increases.

This is like the research conducted by Kruk et al. and Blaauw et al. in Robyn et al (2015) on strategies to address health distribution problems in rural Cameroon, which states that salary incentives must be of great value to attract health workers to remote areas (Robyn et al., 2015).

Transaction Phase

The results of evaluations at the stage transactions are low value, which means that most evaluations at this stage have not been carried out. From the aspect of health worker procurement, it is found that the procurement of health worker has not been fulfilled according to the number, type and competence, both from the central government and from the local government. According to Paruntu et al., (2015) citing Rachmawati (2008), withdrawal or procurement activities are activities to meet the specifications of the needs of an organization or agency. The procurement process varies widely. Each of them implements different requirements in the procurement treatment. Usually the standard process includes selection tests, interviews, references, and health evaluations. In Lebak District, the local government is trying to recruit replacement health workers in the form of honorary staff called *supporting staff* and volunteers, however, the procurement of health worker is still not fulfilled, resulting in the placement of health workers who are not properly distributed, thus affecting the utilization of health workers who are not can be optimal. On the other hand, community involvement in communityefforts is empowerment considered good, but that does not mean the overall community empowerment program is running well but because of the initiative and creativity of the two puskesmas which initiated the UJAS and JAMILAH programs, where both programs can increase community participation in order to reduce maternal mortality and reduce infant mortality. Implementation of the profession of health workers has been implemented quite well, as well as training health workers, both coaching technical and the coaching profession as well as the development of health workers through education and training. In the supervision of health workers, especially supervision of the compliance of health workers with the provisions of laws and regulations to provide legal certainty as well as legal protection for health workers and the public receiving health services, although this has been done, it is still not optimal.

Outcomes Phase

The results of the evaluationimplementation of health workers in Lebak at this stage of outcomes assessmentwith low category, meaning that most of the evaluation at this stage has not been reached. From the results of the evaluation on the aspect of health workers according to needs, that competent health workers are not optimally achieved, and have not been distributed properly and have not been optimally utilized, this has resulted in the quality of the implementation of health efforts provided by health workers to be less than optimal. However, from the aspect of the protection of health workers and health service recipients it is considered good, marked by the guarantee of protection for health workers who carry out professional actions and the existence of protection for health service recipients, as well as provisions regarding the rights and obligations of health workers and provisions regarding rights and obligation of the patient. Although the quality of the implementation of health efforts is considered adequate, and the protection of health workers and health service recipients is considered good, because the need for competent health workers is not fulfilled as needed, it results in health workers not being properly distributed, so that they cannot be optimally utilized, resulting in community health status becomes low. This can be seen from the high maternal and infant mortality rates, as well as the increasing prevalence of malnutrition among children under five and stunting in under-five.

Contingency between relationships

There is a contingency between the aspects of the analysis of the need for appropriate health worker (number, type, competence and distribution of health workers) that support the implementation of health worker management and components of the process and results of health worker management policies. This aspect of the analysis of the needs of health workers is categorized as low. The results of this analysis of the needs of health worker will influence the planning of health worker management, so that the aspects of planning for the management

of health workers are not good. Since most aspects of the initial condition components are in the low category, it will affect the components at the process stage. Most of the components of the process stage consisting of aspects of procurement, placement, utilization, empowerment, professional implementation of health workers, guidance and supervision of health workers are mostly in the low category, the low components of this process stage are due to the contingency of aspects in the initial condition components which are also low category. There is a clear contingency between aspects of the components of the *transactions* with aspects of the component *outcomes*. Due to the low category of procurement, placement and utilization aspects, it will affect the aspect of the availability of health workers according to the needs on the component *outcome* which results in low value.

Conclusions and Recommendations

Based on the findings and discussion of the results of the evaluation and research model, the following conclusions are drawn: (1) Antecedent: the overall assessment is low, meaning that most of the aspects contained in the antecedent phase have not been implemented/available according to the criteria. (2) Transactions: the assessment is obtained with a low category, meaning that the phase of transactions in the implementation of this health worker management policy have largely not been implemented. (3) Outcomes: an assessment is obtained with a low category, which means that most of the evaluations at this stage have not been achieved. As a result of the inadequate policies for managing health worker at the antecedent phase, it causes the implementation of policies that cannot be implemented properly, this can be seen in almost all aspects of the *transactions* phase, which are mostly not implemented. Because the implementation of policies at the transactions phase is mostly not implemented, it will have an impact on the outcome phase so that most aspects of the outcomes phase are not achieved, as a result the expected status of public health is not achieved. Even though the policies for managing health worker and their implementation are inadequate, these policies must still be

implemented to maintain the sustainability of health services which must be on going. In order for the implementation of health worker management policies to be implemented properly, it is necessary to improve all aspects that are categorized as low and sufficient at each stage, and improve aspects that are categorized as good. In addition, to optimize the implementation of policies, the existing policies need to be modified with proposals for special policies from both the regional and central governments, namely a policy model to overcome the problem of fullfilment the needs of health workers in Lbak District / DTPK as shown in Figure 3 below.

Evaluation of Health Worker
Management Policy
Implementation

Normatif

Procurement

- Procurement
- Guidance & Special Regulationa:
- Procurement
- Guidance & Supervision

The health worker in Lebak District and DTPK heve never been fulfilled

SPECIAL POLICY
- Increase Health Budget
- Strengthening Puskesmas
- Optimizing Community empowement
- Strengthening Puskesmas
- Optimizing Community
- Doctor standby program

Regional government
- Lebak District
- Central government
- Central government

Figure 3. Policy models overcome the problem of Fullfilment the needs of health workers in Lebak District and DTPK

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