

Innovation in Development of Community Mechanisms for Managing Sustainable Health Village

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Abstract

The creating health is a matter of individuals for driving the development of quality of life and community well-being. In general objective aimed for developing innovation of community mechanisms for managing sustainable health village. The collection to involved synthesizing documentary, interview questionnaire with key informant, survey and assessment by questionnaire with sampling to data. Guidelines of community mechanisms including community information system, community resource management, activities for managing sustainable health village, community participation system, are positive relationship of statistical significance at the level of .01. Innovation of community mechanisms were the policy formulation and planning, supporting participation, activities of promoted a managing sustainable health village, results of operations in managing sustainable health village. Achievements of managing sustainable health village at level of most levels. Finally, creating system to be efficient requires a lot of resources including human resource, capital, knowledge, community participation.

Keywords:- Innovation of community mechanisms; managing sustainable health village

Introduction

The creating health is a matter of individuals who need to pay attention and be aware of how to create health by themselves, able to solve public health problems of the community by various processes that the community thinks of in order to be suitable for the local conditions. Health promotion is a highly effective way to reduce the burden of disease and improve people's health. Focusing on increasing people's awareness of health care based on demographic strategies and focusing on important risk factors. Which is a measure for behavior modification such as; a) building healthy public policy, b) creating supportive environments, c) strengthen community action, d) developing personnel of skills, and e) reorienting health services. [1] Provision of health promotion services in Thailand can be carried out in different ways and when the health promotion fund is established, by having a universal health insurance system. The establishment of a health promotion fund That is involved in encouraging civil society to initiate activities, and unlimited health promotion programs, the method is the role of health promotion in the NGO sector. [2] Originally promoting health in Thailand a having characteristics of providing health promotion services, by public health personnel for the general public without disease of healthy, and developed into health promotion. [3] Therefore, a promoting health is process for increasing the capacity to the people, have the ability to control and enhance their own health, able to choose a way to live well and be happy without disease, disability including the body, mind, and society in an environment conducive to living. [4] Considered a new type of public health to focuses on community participation, which is social process to covers activities both at level to increase skills and abilities in various fields, community activities, social unification levels for change the social, economic, environmental conditions are factors in determining health of people on society.

The roles in the work of public health, including practice, research, analysis, research, survey, data collection and academic, promoting health and sanitation, jointly develop content, knowledge, quality standards regarding public health work and health service systems, by integrated holistically and promote wisdom regarding public health and health service systems for the people to be able to protect themselves from diseases and health hazards. A work planning that is responsible for co-operating the work plan to meet the goals, plan, measure, and evaluate the work performance in their responsibilities to achieve work efficiency. collaboration for cooperation to clarify and give details of factual information to relevant persons or departments for create understanding and cooperation in operations.

Service for checking the condition of tools and equipment to have quality and suitable for use, including supporting other tasks Related to public health services to ensure smooth service, support the transfer of academic knowledge And technology for individuals to become knowledgeable and to be able to operate efficiently, train for knowledge, promote and disseminate public health, and various health promotion.Those interested can get to know various information and knowledge useful, can be implemented correctly etc.Process of participation and strengthening of communities. A concept to consistent with the philosophy of a democracy, current world trends to strengthen of individual, decentralization, participation for taking responsibility in one's own life to the community organization include development of the cooperation patterns in various operationsto nature of the parties responsible for equality and reconciliation.Ainnovation in development of community mechanisms for managing sustainable health villageof this researchby specific purpose this study in three mains the objectives are to, a) studyingthe guidelines and relationship to community mechanisms for managing sustainable health village, b) developing an innovation of community mechanisms for managing sustainable health village, c) assessment toachievements of managing sustainable health village.

Conceptual Theory

Health Promotion:-Is a hope for good health at the highest level to the necessity of a process for promoting personal behavior changes and the environment in which people live. Which can only happen if that personnel has a stable health condition, have disease prevention and maintain good health status first. [5] Health promotiontherefore is a dynamic process and constantly moving for the advance health and increase well-being. Also, health promotion is very important while the personnel are in a normal state into the goal of the operation as approachbehavior foradvance tooptimal health level wellness.Which to considered positive health by not focusing on disease or health problems.

New Health Promotion Strategy:-

A new health promotion strategy were to, a) building healthy public there must be a public policy that must be taken seriously. By public policy for health Will be related to the law Economic, financial, fiscal measures, taxation, including the establishment of clear organizations responsible, b) creating a supportive environment including the conservation of natural resources and the environment that exists at the community level, national and global level, since the balance of nature naturally has a direct effect on good health,setting the environment in line with changes in lifestyle And work and free time, by creating a healthy society,healthy city, healthy workplace, c)strengthen community actionis to support the community to be self-reliant In which the community makes decisions and manages, mobilize resources and objects within community. The community must receive information. Learning opportunities and funding resources, d)develop personal skillsis a health promotion by supporting personal and social development. By providing informationto education for health and well-organized life skills to better manage and control their health, e) reorient health servicesto current health service systems. The system should be adjusted to have more health promotion activities, there is a wider communication with external agencies such as environmental, social, political and economic departments, aside from providing medical services only. [6] Also, need to pay attention to research in order to change the system and training to have ideas about health promotion. In this research there is an important goal are to the guidelines and factors affecting community mechanisms for managing sustainable health village, developing an innovation of community mechanisms for managing sustainable health village, and assessment to used of innovation of community mechanisms for managing sustainable health village.

Managing Sustainable Health Village:-

creating health is a matter of individuals who need to pay attention and be aware of how to create health by themselves, able to solve public health problems of the community by various processes that the community thinks of in order to be suitable for the local conditionsand apply locally available resources worthily, therefore to make people in the community aware and pay attention to their own health along with daily life must be systematically implemented, to teach the community to learn until it causes correct behavior and causes the people in the community to truly pay attention to creating health. [1] Process of community sharing Analyze the living conditions and jointly create health operations activities Villages that have a complete health management system that can lead to success are many factors involved, and to make the community aware and to play a role in taking care of oneself and improving the health of people in that community can be achieved by creating a process that leads to behavioral changes, strengthening the decisions and needs of the community. In collaborative way, thinking together, doing together, managing people Capital and community knowledge,by coordinating network partners to support resources in order to communicate to the community to participate in activities that raise awareness, strengthen and develop leaders to have potential as well as have experience and understand operational proceduressenable the community to learn the process andmanaging sustainable health village.

Methodology

Data Methods:-

This research were mixed method research was action research together with participatory action learning by barnstorming and in-depth interviews to a multi-contextual and cultural perspectives for the result to the most complete and able to provide research results of explanation to the generalization, furthermore, using surveys to provide research results that are descriptive of description. The areas to study in Amnat Charoen Province, Thailand have a managing health village of 607 villages and selected of 136 villages that can be successfully built using calculations based on the formula of 95 percentage by Taro Yamane. [7] The key informants including the government representatives, community leaders, academics of 9 persons, they all were purposive sampling. The sampling of 408 persons in each 136 villages, by selecting 3 people in each village. Participants they all were multistage random sampling.

Data Collection:-

The tools used to collect data include the interview questionnaire on a structure, the questionnaire and the evaluation form based on quality criteria of the Office of health promotion, Thailand on semi-structure of 5 scales. The collection to development process consisted of five steps. The first step, to involve synthesizing documentary, analyzed the operating situation of the villages. The second step, to interview questionnaire with 9 key informants for studying guidelines to community mechanisms for managing sustainable health village into the aspects of the community information system, community resource management, activities for managing sustainable health village, community participation system, that the qualitative research. The third step, to survey by questionnaire with 408 samplings for studying the relationship into the guidelines with community mechanisms, that quantitative research. The fourth step, to analyze documentary and brainstorming include to interview with 9 key informants for developing an innovation of community mechanisms for managing sustainable health village at the elements of the policy formulation and planning, supporting participation, activities of promoted a managing sustainable health village, results of operations in managing sustainable health village into building and developing an innovation, that the qualitative research. The fifth step, practical result was assessed by workshop with 136 villages of 408 samplings, and assessment to achievements of managing sustainable health village by the evaluation form based on quality criteria at a quality level, that the quantitative research to the data.

Data Analysis:-

The data analysis on qualitative data was analyzed by using 3-steps analysis which to data reduction can be coding a classify the variable that can enumerate the frequency, data organization was classification of variables and grouping variables of elements or dimensions, then group elements into indicator-concepts model, and interpretation was specifying the direction and trend of the relationship between concepts, by explaining and interpreting the logical relationships leading to conclusions. On quantitative data was analyzed by descriptive statistical analysis including percentage, mean, standard deviation. Also, finding the relationship between variables to Pearson's product moment correlation coefficient (r).

Results and Discussions

In the research of innovation in development of community mechanisms for managing sustainable health village of the results were followed:

1. The guidelines and relationship to community mechanisms for managing sustainable health village.

1.1 The guidelines to community mechanisms for managing sustainable health village were to community information system, community resource management, activities for managing sustainable health village, community participation system.

a) **Community information system:-** Is a basic information used in planning, policy formulation, organizing health promotion activities in the community for defining the structure to community mechanisms for managing sustainable health village.

b) **Community resource management:-** Is structure of the community in the formulation of resources, such as personnel, budgets, tools, materials, technology equipment, management, control, supervision and supervision, etc. Which is related to various networks in community, both directly and indirectly, such as issuing regulations, requesting cooperation in health promotion have to strongly related to the determination of health promotion activities and to community mechanisms for managing sustainable health village.

c) **Activities for managing sustainable health village:-** Are the activities of health promotion and community mechanisms for managing sustainable health village have to diversity of focusing the results are the goals of the operation into proactive and proactive activities, ad hoc, urgent, and routine, must have a surveillance system for disease, risk behavior, and risk environment from support in the community participation system.

Reactive activities are services for health repair (Medical care) more than services for health promotion. assessment into community mechanisms for managing sustainable health village of activities of primary mechanisms and assessment of community situations, creating a shared learning platform, developed plan, assessment.

d) **Community participation system:-** Is an important mechanism for driving strategies, plans, or projects for responding to the needs of the community and reflect the success including achieving goals, based on the strength of network participation.

1.2 The relationship into the guidelines with community mechanisms for managing sustainable health village to shown on table 1.

The Guidelines	Community Mechanisms	Sig. (2-tailed)	Relationship Levels
1. Community information system	0.846**	0.000	Highest
2. Community resource management	0.835**	0.000	Highest
3. Activities for managing sustainable health village	0.827**	0.000	Highest
4. Community participation system	0.819**	0.000	Highest
Totals	0.832**	0.000	Highest

** p < .01

Table 1:- Relationship of Pearson’s product Moment Correlation Coefficient (r) between the guidelines with community mechanisms (n=408).

The relationship into the guidelines of community information system,community resource management, activities for managing sustainable health village, community participation systemwith community mechanisms for managing sustainable health villageata relationship level of highest levels, and there are to the positive relationship of statistical significance at the level of .01.

2.An innovation of community mechanisms for managing sustainable health village of a “Key” of 4thelements were thepolicy formulation and planning, supporting participation,activitiesof promoted a managing sustainable health village,results of operationsin managing sustainable health village to shown on figure 1.

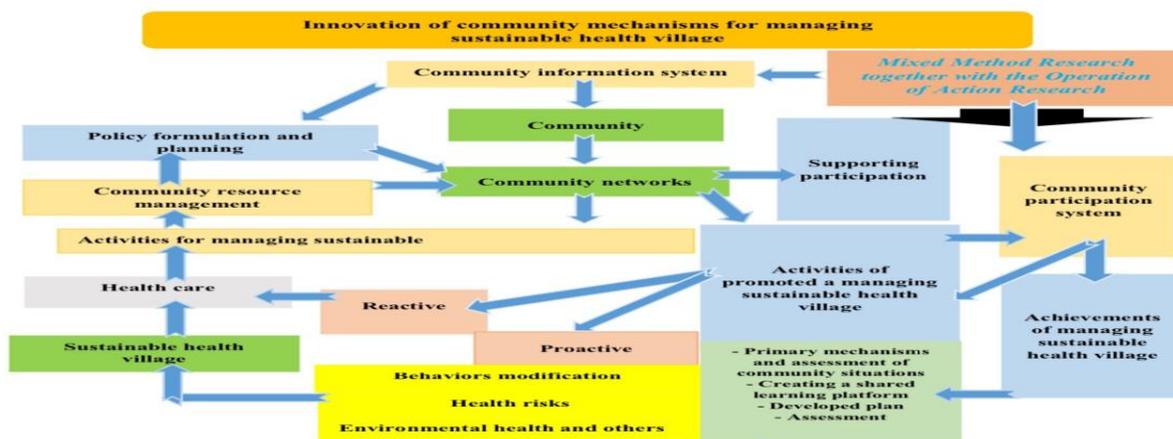


Figure 1.A “Key” of elements in an innovation of community mechanisms for managing sustainable health village

2.1 Policy formulation and planning:- The policies that emphasize operations on the development of quality of life, emphasizing proactive health promotion for good quality of life communities and healthy including there is a community structure that facilitates community mobilization mechanisms for managing a healthy, sustainable villageboth in terms of personnel / budget / tools / equipment And various managementthat is conducive to clear operations.

2.2 Supporting participation:- Proceeding with emphasis on community participation in order to create action plans/projects are the foundation for the community to create, by allowing all sectors to participate in the management of problems that the participants themselves, do it yourself, form a working group to think about, collectively do, or call it a practice team, there are various training courses to create courses in specific training from supporting public health volunteers to give the community confidence in knowledge, capabilities and clear roles and responsibilities, having a plan / project there is a search for problems at sort order and being a learning source that is made from the sustainable health assembly of the village forum combined with mental training morality and ethics, public mind instilled be a good role model.

2.3 Activities of promoted a managing sustainable health village:- The proactive activities are helping the communities to be self-reliant in health, by being a service that must cover both health creation and health repair have the mission of health promotion, disease prevention and environmental health That takes into consideration holistic care, team work and have a health network, community participation, bringing standards to the protection of rights and dignity of service providers and recipients, consists of;

- **Primary mechanisms and assessment of community situations activities;** human, capital and knowledge in the public health system there are factors contributing to important community development, with human for being the cornerstone of community development that involves sharing, thinking, and working from bringing the development process to the goal, funds that provide liquidity to develop within the system to drive towards the goal, and knowledge is the construction of learning process and the transfer of information for the benefit of the community in a promoting the capacity of mechanisms in the community to develop the community to the goal.

- **Creating a shared learning platform activities;** map of the strategic path from the community together act and decide, by using community information both on the foundation of the perspective of learning and development that is the process of looking at human in the organization's information management. The network partners, looking at the perspective of stakeholder groups with a shared mission. Community aspect is a value perspective or benefit that is shared with the development outcomes of the community to determine activities from mutual exchange of knowledge to develop rapid community-level mechanisms. Local people have good behavioral changes and the community has an effective health surveillance system. Also, helping to manage community strategies for the groups to be driven in the same direction to achieve the specified goals

- **Developed plan activities;** preparation of a plan of action to define success indicators and definition of objective, set success indicators by bringing the strategic map into action, specify issues or urgent matters that are perceived to be problems or needs of the community to take corrective actions and develop in the formulation of a health action plan clearly see what to do, how to do, when to do, what is success, how much budget, who will be responsible host. after that will write a project in accordance with the plan To request an operating budget

- **Assessment activities;** groups together follow up on project approval, budget management of the organization that makes the group members are community leaders, and mechanisms to drive community development there is a significance and value to the process.

2.4 Results of operations in managing sustainable health village:-

successful in managing sustainable health village from joint learning and participate into matter, co-owners and accepts. The successful factor from focusing on having a vision, knowledge, understanding, commitment and setting clear goals, understanding roles, plans must be integrated, focus on the framework of operations according to indicators, the management system that puts the importance of community participation in creating ideas and concepts to complete work, all sectors are involved in every step of the operation, using the forum to exchange knowledge and the stage to take off the lesson. So that the management of a health village is sustainable and most effectiveness.

3. The achievements of managing sustainable health village to shown on table 2.

Aspects	levels of achievements		Meaning
	Mean	Standard Division	
1. Community participation	4.57	0.43	Most
2. Making a health plan	4.53	0.47	Most
3. Budget management for use in health development	4.51	0.49	Most
4. Organizing health development activities in the village	4.54	0.46	Most
5. Assessing health management in the village	4.52	0.48	Most
Totals	4.53	0.47	Most

Table 2: Mean, standard division and levels of achievements of managing sustainable health village into five aspects (n=408)

The achievements of managing sustainable health village into five aspects of community participation, making a health plan, budget management for use in health development, organizing health development activities in the village, and assessing health management in the village at a level of most levels ($\bar{x} = 4.53$, $SD.=0.47$), when to considered separately in each aspects with the highest mean of community participation ($\bar{x} = 4.57$, $SD.=0.43$), second of organizing health development activities in the village ($\bar{x} = 4.54$, $SD.=0.46$), third of making a health plan ($\bar{x} = 4.53$, $SD.=0.47$), respectively.

Discussions:-

In this research to the study revealed that the guidelines of community mechanisms including community information system, community resource management, activities for managing sustainable health village, community participation system, There are the positive relationship of statistical significance at the level of .01. Innovation of community mechanisms at "Key" of 4th elements were the policy formulation and planning, supporting participation, activities of promoted a managing sustainable health village, results of operations in managing sustainable health village. Achievements of managing sustainable health village at a level of most levels. Also, an innovation of community mechanisms for managing sustainable health village was the process development based on the context and potential of the community to become a health village and cause public health promotion groups in a creating community participation (eg., the management of health funds in areas that are conducive to health promotion, promoting cultural activities, managing to create a healthy environment). The other public policy advocacy for health, which should focus on creating accountability, the creation of knowledge and understanding from public communication mechanisms and information management, academic mechanisms and joint operations with the community Which is considered as public health work in planning and policy making and creating various networks. [8] The community participation system leading to the determination of activities to focus on proactive work to effectively create community potential and alternatives to the future. The creation of clear policies and readiness in terms of personnel structure, operation forms and activities to emphasize community participation and sharing of knowledge together of determining directions and creating conditions. [9] A relying on leaders in management and public policy as an additional force to drive success. by applying the vision as a framework for the development strategy that has goals, guidelines, and indicators of success and actively engage the community in every step.

Conclusions

Innovation of community mechanisms for managing sustainable health village including the policy formulation and planning into policies, emphasizing proactive health promotion for good quality of life communities and healthy, community structure on facilitates community mobilization mechanisms for managing a healthy, sustainable village both in terms of personnel, budget, tools, equipment, various management that is conducive to clear operations. Supporting participation in proceeding with emphasis on community participation in order to create action plans and projects are foundation for community to create, by allowing all sectors to participate in the management, form working group to think about, collectively do it a practice team, various training courses to create courses in specific training from supporting public health volunteers to give the community confidence in knowledge, capabilities and clear roles, responsibilities. Activities of promoted a managing sustainable health village in the proactive activities are helping the communities to be self-reliant in health, by being service that must cover both health creation and health repair to mission of health promotion, disease prevention and environmental health, takes into consideration holistic care, team work and have a health network, community participation.

Results of operations in managing sustainable health village of successful in managing sustainable health village from joint learning and participate into matter, co-owners and accepts. The successful factor from focusing on having vision, knowledge, understanding, commitment and setting clear goals, understanding roles, plans must be integrated, focus on the framework of operations according to indicators, the management system to puts a importance of community participation in creating ideas and concepts to complete work on community participation, making a health plan, budget management for use in health development, organizing health development activities in the village, and assessing health management in the village. Acreating system to be efficient requires a lot of resources, including human resource, capital, knowledge, and community participation.

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