A roadmap for implementing general policies of resistance economy in the Isfahan Universities of Medical Sciences

Masoud Ferdosi, Reza Rezayatmand, Yasamin Molavi Taleghani

Abstract:

CONTEXT AND AIMS: The country development can be promoted through applying policies of the resistance economy in the health system and universities. Therefore, this paper aimed to provide a scientific analysis of resistance economy policies and providing a roadmap for their implementation in the field of health care of Isfahan University of Medical Sciences.

MATERIALS AND METHODS: This is a qualitative study. The basis, general purposes, and strategies of the resistance economy were extracted from the review of the policy of the resistance economy with a political research approach. Then, effective programs and indicators to achieve the goals of the resistance economy were proposed by holding 10 sessions of a centralized group discussion. Finally, the implementation of the resistance economy in the deputies of the University of Medical Sciences was approved by these programs and indicators along with other components and Delphi questionnaire to 30 experts. Framework analysis and descriptive statistics were used to analyze the data from the group discussion and the Delphi stage, respectively.

RESULTS: Implementation of general policies of resistance economy in the field of health and treatment of Isfahan University of Medical Sciences with eight thematic bases, 39 goals, 54 strategies, and 98 programs and indicators were approved by experts. The eight areas of people-centered, economic growth, economic justice, support for internal services, economic flexibility, economic stability, economic influence, and economic health were identified as the thematic bases of communicative policies of the resistance economy in the field of health.

CONCLUSION: The implementation of resistance economy policies entails planning in the long run, culture-building, appreciating the resistance economy in health issues, cooperation, and synergy among different institutions, restructuring the education system at different levels of the health system, and entrepreneurship training.

Keywords: Health system, policy, resistance economy, road map, University of Medical Sciences

Introduction

Iran’s economic system is a vulnerable economic system, and in the past few years, the word “economic resistance” or “economic resilience” has been added to our economic literature due to the intensification of economic sanctions. Economies resistance means identifying areas of pressure under the current sanction conditions and then attempting to control and inactivate them in an idealized manner, turning these pressures into opportunities. Inevitably, it required macroeconomic stability, social development, public participation, and rational and thoughtful management as prerequisites. In other words, a resistance economy is defined as the capacity of an economy to improve or adapt to the effects...

How to cite this article: Ferdosi M, Rezayatmand R, Taleghani YM. A roadmap for implementing general policies of resistance economy in the Isfahan Universities of Medical Sciences. J Edu Health Promot 2020;9:237.
of exogenous shocks.[3] Therefore, resilience-based planning requires addressing any disruptive factors of sustainable growth and selecting strategies that minimize the risks and uncertainties of achieving goals.[4]

In Iran, the general policies of the Resistance Economy with a jihadist, flexible, opportunity-generating, endogenous, progressive, and extravagant approach were notified on 2014–2018 within twenty-four paragraphs by the Supreme Leader, aiming at providing dynamic growth and improving the resistance Economics indicators and achieving the goals of the 20-year perspective document.[5] Resistance economy policies as a documented system are backed theoretically and legally supported.[6] Resistance economy policy packages often have a long-term view and are designed to support long-term goals.[7] In other words, these policies are not unique to the current state of the country, but are a long-term strategy for the country’s economy and can be complemented and adapted to the various conditions that may arise at any time. What has been requested by the supreme leader in this announcement is to provide the appropriate context and opportunity for the role of the people and all economic actors by preparing the necessary rules and regulations and formulating a roadmap for different areas.[8] According to the topic of resistance economics, the role of different sectors of the country in this field is very important and it is expected that all sectors play their role well in solving problems. In Iran, however, resilience issues are more confined to the field of psychology, engineering, and urban management, and only to some extent have some government agencies discussed economic resilience. That is while the importance of resilience in development, literature is increasing day-by-day and neglecting it will be detrimental to the country.[9–11] Therefore, the health system of the country as one of the development infrastructures of the country is a high-risk industry due to its working nature and structural, physical and technological complexities.[12] Therefore, health-care structures must cope with risky situations by increasing their flexibility, which means the same goals of a resistance economy.[13,14] Implementing resistance economy policies in the health system and universities can promote the general development of the country, as the resistance economy can improve the efficiency and effectiveness of the health system and academia, and this efficiency will also affect other elements of the country’s economy management.[15,16]

In view of the above, despite the importance of the subject of resistance economics, there is still no clear understanding of the concept of resistance economics, especially in the health field. Therefore, by determining the contribution of the health system in the resistance economy, the necessary background for reinforcement and resilience against various internal and external risks affecting the components of resources and consumption in different areas of the health system of the country should be provided. In this regard, for implementation of the goals and policies of the resistance economy, an integrated tool in the health field is required. A tool that, while respecting security considerations and removing vulnerabilities in the health system, provides principled management at all levels of strategic, operational, and executive health structures. Therefore, this article aims to provide a scientific analysis of resistance economy policies and provide a roadmap for their implementation in the field of health care of Isfahan University of Medical Sciences (MUI) in 2020.

### Materials and Methods

The present study is a qualitative study in which document review method, group discussion and Delphi method was used as required in each step of the work. This study is categorized in the applied class based on the results, and is among cross-sectional studies in terms of time. In this study, first the axes related to health care were extracted from the issued policies of the resistance economy by the research team.

The research population was all key experts in the field of health care in MUI with maximum diversity (in terms of age, education, employment status, and executive background). Due to the fact that in the present study, participants’ knowledge was important for providing data, objective-oriented sampling, and based on sampling from individuals was important.

In continue, the details of the work of each step of the study are explained.

#### Step 1: Identifying the capacity of the healthcare sector in implementing resistance economy policies

First, 24 clauses of the issued policies of the resistance economy were examined using the document review method and policy research in the expert meetings of the research group members, and the clauses related to the field of health care were extracted based on the in-depth study method. Brief and practical definitions about the basic concepts of each policy clause were then determined and various issues raised in these policies were identified. Subsequently, the strategic objectives of each one of the policy clauses were identified by the members of the research team by rereading the text of the policy.

#### Step 2: Initial identification of examples related to resistance economy policies about healthcare

At this step, the necessary permits were firstly obtained from MUI and the necessary coordination was made.
with the participants to conduct a group interview. This step of the study involved collecting the views of the experts using a focused group discussion method. At this step, 55 experts were invited to participate in the group discussion, out of which 49 individuals (89%) participated in the group discussion sessions. The 49 experts were among the staff of the University of Medical Sciences (including 10 experts from the department of health, 15 experts from the department of treatment, 10 experts from the department of food and drug, 7 experts from the department of development, and 7 experts from the department of education and research). The group discussion sessions were held as face-to-face by a supervisor (M. F AND M. R) for “Introducing the question and topics discussed”, a facilitator (Y. MT) for “helping experts to respond the questions” and a secretary as “meeting coordinator and curriculum”. At the beginning of each session, the supervisor provided some explanations to the participants about the objective and method of the study. Group discussion sessions were structured using a guide and done separated by each policy clause. In the first session of the group discussion, the experts were asked to mentions the plans and indicators effective in the field of health care at the University of Medical Sciences to achieve the objectives and strategies of each clause of the resistance economy policy. Effective examples and components were proposed with the method of brainstorming by the experts to achieve the objectives and strategies of each clause of the resistance economy about health care at the university of medical sciences. The content of the group discussion was recorded by the consent of the participants and the conversations and brainstorming continued until data saturation. In total, for each group of different areas of the university staff, 244 min group discussions were held. Each focus group discussion with an average time of 45–60 min was held at Faculty of Management and Information of MUI. Participants used the review method to increase the accuracy of the data. The review process was such that the researcher provided a summary of his notes and perceptions to the participants for recommendations in the second group discussion. It should be noted that before the start of the study, the guide questionnaire, which was designed in the form of questions appropriate to the study objectives, was examined in two interviews as a pre-test in terms of the reliability of the questions, the time required to implement the questions and discuss them and the its problems were eliminated so that the questions could be understood by the participants. By identifying commonalities and differences of the recommendations among the experts, a preliminary draft of effective plans and indicators in the field of health care of the University of Medical Sciences to achieve the objectives and strategies of each policy clauses of the resistance economy were identified.

The frame analysis was used to analyze the data of this step. In the frame analysis, the policies of the resistance economy were divided into eight classes based on thematic objectives. The strategies and objectives of each category subject were extracted by rereading the policy clauses of the resistance economy and set as a framework for continuing the research. Then, the plans and indicators obtained from the recommendations of the experts in the group discussion sessions were separately coded and selected, and a relationship was established between the codes and the objectives of each of the policy clauses. By holding the next group discussion session, the codes were reviewed and agreed on. It is necessary to explain that the present research is not an explanatory and inferential research. Here, the policy of resistance economy has been available, and finally, plans and indicators for achieving the policies of resistance economy about health care is extracted based on people’s recommendations.

Step 3: Final approval of examples related to resistance economy policies about healthcare

At this step, a questionnaire was designed based on the initial draft and presented to the experts to determine the necessity and appropriateness of the proposed plans and indicators. This questionnaire was sent to 30 qualified academic experts through E-mail or in person for approval. Three follow-ups were conducted as E-mail or phone call by a researcher to increase the rate of response to the questionnaire. After collecting 25 distributed questionnaires (83% response rate), content validity index (CVI) and content validity ratio (CVR) were calculated for each item. CVI is calculated by aggregating the corresponding scores for each item that scored “related but needs revision” and “fully related” divided by the number of specialists. To determine the CVR, experts were asked to examine each plan based on the three-part spectrum of “necessary, useful but not necessary, not necessary.”[17] The scores obtained in the questionnaire were entered in the SPSS software version 21. The second step of Delphi questionnaire was also sent to the participants of the first step and by collecting 25 questionnaires and analyzing them, plans and indicators related to each of the resistance economy policies to implement in the field of health care of MUI was approved.

Descriptive statistics (frequency distribution tables and mean ratios) were used to analyze the data of this step. Based on the responses provided, CVI and CVR indicators were calculated for each indicator. Plans and indicators with CVI and CVR scores above 0.7 were selected and entered into the model. Plans and indicators with a CVI and CVR score of 0.4–0.7 entered the second step of Delphi, and plans and indicators with a CVI or CVR score of 0–0.4 were removed from the model.
Step 4: Identifying beneficiary departments
At this step, the beneficiary domains of the university were determined to implement each of the final plans through documentary review and interviews with relevant experts.

Determining the content validity of all aspects of the subject matter was identified based on expert discussion sessions. Content indicators were used in the Delphi steps to determine the content validity. Sufficient time was provided for proper communication and real understanding of the data between experts so as to increase the breadth and depth of the data. Issues of difficulty level (difficulty in understanding phrases and words), appropriateness (appropriateness and desirable relevance of phrases to the dimensions of the questionnaire), and ambiguity (the possibility of misinterpretations of phrases or the presence of failures in the meanings of the words) were examined. Finally, examples inconsistent with the subject of the research was identified and eliminated or modified. Regarding reliability, quoting Ahmadi et al.'s study, “even if similar information or questions are given to panelists, obtaining the same results is not certain,” so in this study, as in other Delphi studies, reliability cannot be examined.

Inclusion criteria of this study are: 1-Policymakers, faculty members, and beneficiaries in the field of healthcare who are familiar with the meaning and policies of resistance economy (or) experts who have educational and research knowledge in the field of resistance economy; 2-Having enough desire and time to attend meetings; 3-Having a background in the field of staff at the University of Medical Sciences. Furthermore, exclusion criteria of this study were the inability and unwillingness of the experts to continue cooperation at any step of the research.

The ethical considerations in this study were the willingness to participate in the meetings, the observance of the principles of confidentiality of information, and the acquisition of informed consent. Individuals were also assured that their individual words are not reflected anywhere and that recommendations were made only in groups. It should be noted that this research is registered in MUI with the code of ethics of IR. MUI. REC.1396.3.527.

Results

The results of the first phase of the research
In the first phase, out of 24 clauses of the resistance economy policies, 19 clauses were related to the field of health. Clauses of resistance economy were determined in terms of thematic communication and were classified by the researchers in eight thematic areas of people-centered, economic growth, economic justice, and support for internal services, economic resilience, economic stability, economic influence, and economic health. Furthermore, at this step, by reading the text of the resistance economy policies, 39 strategic objectives and 54 strategies were identified. Tables 1-8 describe the objectives and strategies of each of the 19 clauses of the resistance economy.

The results of the second phase of the research
By identifying commonalities and differences of the recommendations among experts, 243 initial plans in the field of health and medical sciences were identified to achieve the objectives and strategies of each clause of the resistance economy policies.

The results of the third phase of the research
Of the 198 plans proposed, 67 were accepted in the first step of Delphi and were considered as final plans, and 81 were removed. Fifty plans entered the second step of Delphi. In the second step of Delphi and the analysis of its results, 31 plans were approved and 19 plans were rejected. In general, in the steps of Delphi, out of 198 initial identified plans, 98 were identified as priority and final plans for implementation in the fields of health care of MUI. The results of the priority plans, access indicators, and the unit responsible for implementing the plans are shown separately in each clause of the resistance economy in Tables 1-8. It should be noted that due to the large number of plans, only plans that have been accepted by experts in the Delphi steps are mentioned in the tables.

In the following, the subdomains and themes of each of the clauses of the resistance economy policy are described.

List the topics of policies and plans related to the field of people-centered
Customers and stakeholders in the health system have a special place in advancing the goals of the health system. In the health system, as in other organizations and industries, for any major social change to happen, the presence of a huge mass of people is needed. The policies, plans, and indicators of the priority plan to achieve the field of people-centered are presented in Table 1.

List of topics of policies and plans related to economic growth
Economic growth consists of labor, physical capital, and human capital. Human capital in the economic literature also includes education, health, skills, experience, and other capital that increase labor productivity and thus increases economic growth.

As shown in Table 2, by rereading the text of the resistance economy policies, issues such as: improving
Table 1: Proposed policies and plans of the resistance economy in the field of people-centered at MUI

| Clause | Goals | Strategies | Programs | Indicators | CVR score | CVI score | Was Delphi’s round approved? | Responsive units |
|--------|-------|------------|----------|------------|-----------|-----------|----------------------------|-----------------|
| 1      | 1. Entrepreneurship development, 2. Maximizing participation of all communities in economic activities | Facilitating and encouraging collective cooperation | Participating nongovernmental organizations | Rial amount of funding from non-governmental organizations | 0.7 | 0.76 | 1st round | Social deputy |
|        |       | Providing conditions and activation of all facilities and financial resources and human and scientific capital of the country | Using and attracting resources from other organizations | Rial amount of foreign capital and charitable donations | 0.73 | 0.87 | 2nd round | Deputy of development |
|        |       | Increasing income for low- and middle-income classes | Implement a performance-based payment system for low-income personnel | Income ratio of low- and middle-income classes to high income classes | 0.76 | 0.72 | 1st round | Deputy of development |
|        |       | Increasing the role of the low- and middle-income classes | Forming and strengthening staff cooperatives | Number of staff cooperatives formed | 0.73 | 0.73 | 2nd round | Deputy of development |
| 20     | Creating added value, production, wealth, productivity, entrepreneurship, investment and employment | Reinforcing Jihadist culture | Services to deprived areas by the help of Jihadist groups | Effectiveness of Jihadist groups | 0.73 | 0.73 | 2nd round | Deputy of treatment |
|        |       | Participatory management to serve deprived areas with project period rules | Effectiveness of planning forces | 0.73 | 0.87 | 2nd round | Deputy of treatment |
|        |       | Awarding the resistive economy badge to individuals with outstanding services in the field | The process of selecting and awarding special badges to qualified health service providers | Number of decent people in the field of resistive economics | 0.8 | 0.8 | 1st round | Deputy of development |

CVR=Content validity ratio, CVI=Content validity index, MUI=Isfahan University of Medical Sciences

the economic position of the university, achieving the first rank of knowledge-based economy in the region, improving the share of health and export services and knowledge-based services and increasing productivity in the health economy are placed in the axis of economic growth. The policies, plans, and indicators of the priority plan to achieve the field of economic growth are presented in Table 2.

List of topics of policies and plans related to economic justice

Economic justice is a situation in which every client and beneficiary of the health system has achieved their right to wealth and income in society. Accordingly, justice in choosing different ways of providing resources, reimbursement of costs and insurance coverage of the community plays an important role in achieving justice and fulfilling the mission of the health system.

By rereading the text of the resistance economy policies, the objectives and strategies of the clauses number four and five of the policies of the resistance economy are placed in the field of economic justice. The policies, plans, and indicators of the priority plan for achieving the field of economic justice are presented in Table 3.

List of topics of policies and plans related to self-reliance and support for internal services

Self-reliance and support for internal services may be the main goal of the resistance economy. Every health system in the world must be self-dependent to achieve internal authority. This is even more serious for a country like Iran which is facing sanctions.

By rereading the text of resistance economic policies, it is understood that by achieving the objectives and strategies of clauses six, seven, and 24 of the resistance economy, it is possible to support internal services at the level of MUI. The policies, plans, and indicators of the priority plan to achieve the field of support for internal services are presented in Table 4.

List of topics of policies and plans related to economic flexibility

In order to create efficient economic flexibility conditions, the health system needs to be able, on the one hand, to
reduce its inherent vulnerabilities and on the other hand, to provide flexibility against external crises and pressures under sanctions.

By rereading the text of the resistance economy policies, the objectives and strategies of clauses eight, twelve, and twenty-two of the policies of the resistance economy are placed in the field of economic flexibility. The policies, plans, and indicators of the priority plan for achieving the field of economic flexibility are presented in Table 5.

**List of topics of policies and plans related to economic stability**

Another goal of the health system is to create economic stability and confidence in the future. Therefore, achieving sustainable economic stability and strengthening the health system against the effects of positive and negative shocks is one of the priorities of policymakers in the health system.

As shown in Table 6, by rereading the text of the resistance economy policies, issues such as: meeting the needs of the health economy, stabilizing the health economy, pioneering the strengthening of the real sector, saving public expenditure, and reforming the government’s revenue system are placed on the axis of economic stability. The policies, plans, and indicators of the priority plan for achieving the field of economic stability are presented in Table 6.

**List of topics of policies and plans related to economic influence**

The world today is a world without borders and it is impossible to progress in the health system without...
interacting with other health systems in the Islamic world and elsewhere. Therefore, proper interaction with other health systems should be established through active diplomacy.

By rereading the text of the resistance economy policies, the objectives and strategies of clauses 10 and 11 of the resistance economy policies are placed in the field of economic influence. The policies, plans, and indicators of the priority plan to achieve economic health are presented in Table 8.

In Table 9, the frequency of policies and plans proposed by the resistance economy is presented as a roadmap for implementing the resistance economy policies in the fields of health care at MUI.

According to Diagram 1, 98 programs were identified as the final program for implementing the policies of the resistance economy in the field of health and treatment at MUI. The highest frequency of the program was related to the axes of support for internal services and economic flexibility with 19 programs, and the lowest program was related to the axes of people-centered and economic justice with seven programs.

**Discussion**

The general policies of the resisting economy, in addition to being “general policy” and hence serving as a policy for policy making, have a coherent scientific map of various subject areas and objectives that, if
| Clause | Goals                                                                 | Strategies                                                                                                               | Programs                                                                 | Indicators                                                                                   | CVR score | CVI score | Was Delphi’s round approved? | Responsive Units                                                                                     |
|--------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|-----------|-------------------------------|------------------------------------------------------------------------------------------------------|
| 6      | Reducing the concentration and dependence on limited and specific countries | Increasing production of essential products                                                                 | Drug supply and storage                                                   | Percentage of drug produced domestically in terms of number and Rial to the total drug consumed | 0.76      | 0.72      | 1st round                     | Deputy of food and drug administration                                                                  |
|        |                                                                      | Production of pharmaceutical raw materials                                                                               | Production rate of pharmaceutical raw materials                           | 0.72                                                                                       | 0.84      | 1st round |                               | Deputy of food and drug administration                                                                  |
|        |                                                                      | Supply and storage of capital medical equipment                                                                           | Percentage of capital equipment domestically produced in terms of number and Rial to total capital equipment | 0.73                                                                                       | 0.73      | 2nd round |                               | Deputy of development                                                                                    |
|        |                                                                      | Supply and storage of consumable medical equipment                                                                         | Percentage of consumable equipment produced domestically in terms of number and Rial to total consumables | 0.73                                                                                       | 0.93      | 2nd round |                               | Deputy of food and drug administration                                                                  |
|        |                                                                      | Vaccine and serum preparation                                                                                           | Percentage of vaccine and serum produced domestically in terms of number and Rial to total vaccine and serum | 0.72                                                                                       | 0.84      | 1st round |                               | Deputy of health                                                                                       |
|        | Strategic self-reliance                                              | Technology transfer and licensed drug production contracts with reputable companies                                        | Self-sufficiency in drug production, production of consumables and specialized medical services needed | 0.72                                                                                       | 0.84      | 1st round |                               | Deputy of food and drug administration                                                                  |
|        |                                                                      | Preventing entry of similar items and products (fight against trafficking)                                                | The amount of trafficking of health-oriented items and products           | 0.73                                                                                       | 0.76      | 1st round |                               | Deputy of food and drug administration                                                                  |
|        |                                                                      | Production of new technologies (nano and advanced drugs)                                                                | Self-reliance on medication production and strategic equipment and services required | 0.72                                                                                       | 0.84      | 1st round |                               | Deputy of Food and Drug Administration                                                                |
|        |                                                                      | Supply entries of medicines and equipment                                                                               | Rate of succession in imported goods                                     | 0.76                                                                                       | 0.88      | 1st round |                               | Deputy of Food and Drug Administration                                                                |
| 7      | 1. Providing food security and treatment, 2. Creating strategic reserves | Diversification in the basis of supplying imported goods                                                               | Planning for adequate and continuous production of medicines and equipment | Planning treatment production in line with implementation of treatment development document 2026 | 1         | 0.73      | 2nd round                     | Deputy of Food and Drug Administration                                                                |
|        |                                                                      | Increase the quantities of raw materials and services in health area                                                    | Creating strategic stocks of drugs, vaccines, and serum                  | Level of issuance/extension of principal agreements based on treatment development document 2026 | 0.92      | 0.8       | 1st round                     | Deputy of treatment                                                                                    |
|        |                                                                      | Inventory of medicines and equipment for investment and consumption                                                      | Availability of drugs, vaccines and serum                                 | 1                                                                                          | 0.8       | 1st round |                               | Deputy of health                                                                                       |
|        |                                                                      | Establish a system of service evaluation and service provider accreditation                                              | Hospital accreditation score (grade)                                     | 1                                                                                          | 0.73      | 2nd round |                               | Deputy of treatment                                                                                    |
|        |                                                                      | Control of food products at factory level                                                                                | Food factories performance audit score                                   | 0.8                                                                                       | 0.8       | 1st round |                               | Deputy of health                                                                                       |
|        |                                                                      |                                                                                                                         |                                                                           |                                                                                           |           |           |                               | Deputy of food and drug administration                                                                  |

Contd...
Table 4: Contd...

| Clause | Goals | Strategies | Programs | Indicators | CVR score | CVI score | Was Delphi’s round approved? | Responsive Units |
|--------|-------|------------|----------|------------|-----------|-----------|-------------------------------|-------------------|
| 24     | Promoting domestic services | Standard coverage for all internal health services | Establishing a quality control system in health services | Health Service Quality Control Score | 0.8        | 0.8       | 1st round | Deputy of health |
|        |       | Increasing the internal quality of health services | Adherence to national standards and regional and global standards | Standard adherence to in-house pharmaceuticals and equipment | 0.92       | 0.72      | 1st round | Deputy of development |

CVR=Content validity ratio, CVI=Content validity index, MUI=Isfahan University of Medical Sciences
Table 5: Proposed policies and plans of the resistance economy in the field of economic flexibility at MUI

| Clause | Goals | Strategies | Programs | Indicators | CVR score | CVI score | Was Delphi’s round approved? | Responsive Units |
|--------|-------|------------|----------|------------|-----------|-----------|-------------------------------|------------------|
| 8      | Consumption management | Implementation of general policies to correct consumption patterns | Establishing and enforcing local laws, guidelines, procedures, and clinical guidelines | The amount of formal cost savings | 0.7 | 0.76 | 1st round | All deputies |
|        |       |            | Demand regulation and suppression of induction demand | Induction demand in hospitals using practitioners’ functional review | 0.76 | 0.7 | 1st round | Deputy of treatment |
|        |       |            | The process of prescribing and taking medication | Percentage of administration and reasonable use of the drug | 0.87 | 0.8 | 2nd round | Deputy of food and drug administration |
|        |       |            | Standardization of care services (self-care and family health literacy) | The effectiveness of self-care programs | 0.92 | 0.84 | 1st round | Deputy of health |
|        |       |            | HTA performing | The amount of technology provided based on HTA results | 0.76 | 0.7 | 1st round | Deputy of treatment |
|        | Promoting consumption of domestic services | | | | | | | |
|        | Planning for quality improvement | | | | | | | |
|        | Competitiveness | | | | | | | |
| 12     | Increasing the strength of the resistance and reducing the vulnerability of the economy | Development of strategic-business links | Ban on the supply of foreign medicines while domestically produced | Share of imported health goods in household consumption basket | 0.76 | 0.76 | 2nd round | Deputy of food and drug administration |
|        |       | Expanding cooperation and partnership with countries in the region and the world | Improving the quality of domestically produced medicines | Internal medicine compliance with international standards | 1 | 0.76 | 1st round | Deputy of food and drug administration |
|        |       |            | Improving the quality of domestic production equipment | The degree of conformity of domestic production equipment with international standards | 0.84 | 0.84 | 1st round | Deputy of treatment |
|        |       |            | Implement quality programs such as accreditation, EFQM, etc. | Hospital accreditation score (grade) | 0.87 | 0.8 | 2nd round | Deputy of development |
|        |       |            | Implementation of lean management | Performance audit score of health centers | 1 | 0.73 | 2nd round | Deputy of health |
|        |       |            | Engaging and collaborating with the world’s leading scientific and medical centers | Number of agreements, contracts, and projects shared with other target countries | 0.87 | 0.8 | 2nd round | Deputy of health |
|        |       |            | | | | | | |
| 22     | Accessing to offensive power and appropriate actions | Economic diplomacy | Third Generation University Development | University performance in establishing third generation university development indicators | 0.76 | 0.7 | 1st round | Deputy of research and technology |
|        |       | Regionalism (using the capacities of international and regional organizations) | Engaging and collaborating with advanced scientific and medical centers in the Islamic world and region | Number of agreements, contracts and projects shared with other target countries | 1 | 0.73 | 2nd round | Deputy of education |
|        |       | Dynamic coordination and mobilization of all facilities in the country | Interaction with the red crescent, welfare organization and other institutions that affect health | Number of mutual agreements, contracts, and projects with the red crescent, the welfare organization and other institutions affecting health | 0.92 | 0.88 | 1st round | Deputy of health |

Contd...
people-centeredness that are obtained based on the results of the present study is similar. The reasons for the difference in the model of resistance economy in this research with the findings of other researches was that in the present study, rereading of the policy text was used to determine the overall objectives of the resistance economy policies, while in Seif’s study the model formulation was done based on research literature. Furthermore, understanding and making a discourse of the concepts of resistance economy may differ based on the research environment and the recommendations of scientific and executive experts.

In the next step, the draft plan was prepared and the roadmap of the implementation of the general policies of the resistance economy in the field of health care of MUI with eight thematic axes, 39 strategic objectives, 54 strategies, and 98 plans was approved by the experts. Based on the results, the most load of the plans to achieve the overall objectives were in the areas of self-reliance and support for internal services with a frequency of 19 plans (19.3%), economic flexibility with a frequency of 19 plans (19.3%) and the lowest load of the plans were the axes of people-centered with a frequency of 7 plans (7.1%) and economic justice with a frequency of 7 plans (7.1%).

By rereading the text of the resistance economy policies, 7 objectives and 6 strategies were placed in the field of people-centeredness. Seven plans were also identified as key plans in this field. One of the indicators of the resistance economy is people-centeredness and people founded economy, and the foundation of the resistance economy comes from the economic behavior of the people.[20] Being popular means that the participation of the classes of the society in economic activities and the circulation of economies is maximized by different classes of the society. In the health system, it is clear that without the support and empathy of the people, the government and the officials of the system, the development of the health system and the objectives of the resistance economy will not be realized. In fact, the role of the people in realizing the policies and plans issued must be uttered in a simple and tangible way.[21]

By rereading the text of the policies of the resistance economy, 5 objectives and 3 strategies were placed in the field of economic justice. Seven plans were also identified as key plans in this field. Justice is one of the most important social criteria and values in the health sector, which, although its full establishment is impossible even for developed countries, but most societies seek to achieve it in social affairs, including health.[22,23] The starting point of economic justice is the observance of civil rights.[24] In the Iranian health system, several measures are always taken to achieve
| Clause | Goals                                                                 | Strategies                                      | Programs                                                                 | Indicators                                                                 | CVR score | CVI score | Was Delphi's round approved? | Responsive units        |
|--------|----------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------|-----------|-------------------------------|-------------------------|
| 9      | 1. Meeting the needs of the health economy, 2. Health economics stability being pioneer in strengthening the real sector | Comprehensive reform of the financial system   | Sustainable financing for the health system                             | University general budget returns                                           | 0.92      | 0.72      | 1st round                     | Deputy of development   |
|        |                                                                      |                                               | Using and attracting resources from other organizations               | Rial amount of foreign capital and charitable donations                     | 0.73      | 0.73      | 2nd round                     | Deputy of development   |
|        |                                                                      |                                               | Expanding public-private partnerships                                  | Cost savings                                                                | 0.92      | 0.84      | 1st round                     | Deputy of development   |
| 16     | Saving public spending in the country                                 | Transformations in structures                  | Organizational reform                                                  | The ratio of labor force to organizational rows                              | 0.72      | 0.84      | 1st round                     | Deputy of development   |
|        |                                                                      | Health sector size rationalization (health centers) | HTA                                                                      | The amount of technology provided based on HTA results                     | 0.73      | 0.76      | 1st round                     | Deputy of development   |
|        |                                                                      |                                               | Leveling services, equipment and facilities                            | Extent of issuance and extension of principal agreements                  | 0.92      | 0.88      | 1st round                     | Deputy of treatment     |
|        |                                                                      |                                               | Implementing lean management                                           | The amount of formal cost savings                                           | 0.73      | 0.73      | 2nd round                     | Deputy of treatment     |
|        |                                                                      |                                               | Setting up partnerships between the private and public sectors         | Cost savings in public sector spending                                      | 1         | 0.88      | 1st round                     | Deputy of development   |
|        |                                                                      |                                               | E-government deployment                                                | Time of responding to correspondences                                      | 1         | 0.73      | 2nd round                     | Deputy of development   |
| 17     | Reforming the state revenue system                                   | Increasing the share of tax revenues           | Taxation (timely collection of tax revenues, tax on harmful products and services, tax evasion on doctors' income) | Compliance with university financial system standards                      | 1         | 0.73      | 1st round                     | Deputy of development   |

HTA=Health technology assessment, CVR=Content validity ratio, CVI=Content validity index, MUI=Isfahan University of Medical Sciences
| Clause | Goals | Strategies | Programs | Indicators | CVR score | CVI score | Was Delphi’s round approved? | Responsive Units |
|--------|-------|------------|----------|------------|-----------|-----------|----------------------------|------------------|
| 10     | 1. Full and targeted support for export of goods and services, 2. Sustainable expansion of Iran’s share in target markets | Facilitating regulation and expanding incentives | Developing incentives for IPD beds in the hospital | Percentage of variation in export customers | 0.92 | 0.88 | 1st round | Deputy of treatment |
|        |       | Expanding health services | Telemedicine for export services | Percentage of exports of medicine, equipment or medical services | 0.92 | 0.84 | 1st round | Department of Information and Communication Technology |
|        |       |              | Development of health tourism industry | Health tourism revenue | 0.72 | 0.84 | 1st round | Deputy of treatment |
|        |       | Attracting foreign investment for export | Attracting foreign capital in production, especially medicine and hospital construction | The amount of foreign capital attracted and the good aid for academic projects | 0.92 | 0.72 | 1st round | International affairs office |
|        |       |              | Signing contracts with foreign stakeholders | The amount of foreign investment in university projects | 0.73 | 0.73 | 2nd round | International affairs office |
|        |       | Diversification of economic ties | Creating and strengthening international and regional communications | The amount of foreign investment in university projects | 0.73 | 0.87 | 2nd round | International affairs office |
|        |       |              | Attracting international students | The amount of income attracted by international students | 0.92 | 0.88 | 1st round | International affairs office |
|        |       | Customized planning according to export needs | Signing MOU with target countries for export of medicines and equipment | Percentage of exports of medicine, equipment or medical services | 0.72 | 0.84 | 1st round | International affairs office |
|        |       |              | Exporting medical services | Percentage of exports of medicine, equipment or medical services | 0.73 | 0.76 | 1st round | Deputy of treatment |
|        |       | Shaping new markets | Building tourism hospitals or health villages in required areas | Number of hospitals with health tourism licenses | 0.92 | 0.72 | 1st round | Deputy of development |
|        |       |              | Licensing health tourism companies | Number of licensed health tourism companies | 0.73 | 0.87 | 2nd round | Deputy of treatment |
|        |       | Swap exchanges | Scholarships and study opportunities (sabbatical leaves) | The amount of scholarships and study opportunities in a given period | 0.73 | 0.76 | 1st round | International affairs office |
|        |       |              | Managerial stability in implementing upstream export laws and regulations | Percentage of exports of medicine, equipment or medical services | 0.73 | 0.87 | 2nd round | International affairs office |
| 11     | 1. Transfer of advanced technologies, 2. Facilitating health services | Developing the free and special economic zones of the country in the field of health | Establishing international branches in free zones and attracting students, especially noniranian students | Number of international branches registered and established | 0.92 | 0.72 | 1st round | Deputy of education |

IPD=Integrated project delivery, CVR=Content validity ratio, CVI=Content validity index, MUI=Isfahan University of Medical Sciences
| Clause | Goals | Strategies | Programs | Indicators | CVR score | CVI score | Was Delphi’s round approved? | Responsive Units |
|--------|-------|------------|----------|------------|-----------|-----------|-------------------------------|------------------|
| 19     | Moving towards a transparent and healthy economics | Preventing measures, activities and areas for corruption in the health sector | Preventing physicians from participating in Para clinics | Frequency of complaints about physicians’ participation in Para clinics | 0.73 | 0.73 | 2<sup>nd</sup> round | Deputy of treatment |
|        |       |            | Preventing the impact of sales agents and pharmaceutical companies | The rate of complaints about the influences of sales agents on prescribing | 0.92 | 0.84 | 1<sup>st</sup> round | Deputy of food and drug administration |
|        |       |            | Monitoring unofficial payments | The amount of informal payments in terms of number and amount of Rials | 0.92 | 0.88 | 1<sup>st</sup> round | Deputy of treatment |
| 23     | Market control | Transparency and lubrication in the distribution and pricing system in the health system | Updating and monitoring tariff and pricing system style | Complaints about non-compliances with tariffs | 0.73 | 0.73 | 2<sup>nd</sup> round | Deputy of treatment |
|        |       |            | Adjusting budget allocation and budget reporting | Analytical chart of budgetary control and monitoring | 0.92 | 0.84 | 1<sup>st</sup> round | Deputy of development |
|        |       |            | Transparency and accountability of pharmaceutical and equipment companies in drug and equipment distribution | Average time of distribution of medicines and equipment needed by centers from time of request to delivery | 0.73 | 0.87 | 2<sup>nd</sup> round | Deputy of development |
|        |       |            | Strengthening auditing of health centers | Internal and external audit scores of health centers | 0.73 | 0.76 | 1<sup>st</sup> round | Deputy of treatment |
|        |       |            | Regular visits (periodic and accreditation) and follow-up of health centers | Score of health centers on regulatory visits | 0.73 | 0.87 | 2<sup>nd</sup> round | Deputy of health |
|        |       |            | Monitoring and sharing statistics and information | The amount of each of the performance indicators of health centers | | | 1<sup>st</sup> round | Deputy of treatment |
|        |       |            | Issuance/renewal of principal agreement | Number of principal agreement licenses issued | | | 1<sup>st</sup> round | Deputy of treatment |
|        |       |            | Originality control, tracking and tracking of all health goods in the country | The amount of contraband | | | 1<sup>st</sup> round | Deputy of food and drug administration |
|        |       |            | Dealing with violations | The extent of violations and complaints resolved | | | 1<sup>st</sup> round | Deputy of treatment |

CVR=Content validity ratio, CVI=Content validity index, MUI=Isfahan University of Medical Sciences
relative justice for the general public, especially the weak and vulnerable classes. In this study, according to the experts, plans such as reviewing the value of health services, referral system, inclusive social security and modifying the payment gap were proposed as effective plans to increase economic growth at the university of medical sciences.

Economic growth with 4 objectives, 8 strategies, and 10 plans was identified as another axis in achieving the policies of the resistance economy in the field of health care of the MUI. A common early empirical approach to examining the effect of health on economic growth involves regressing income per capita growth against initial level of health for a cross-sectional sample of countries, controlling for initial income and other factors believed to influence steady-state income.\cite{25} According to Butkiewicz and Yanikkaya, developing countries need to limit their governments’ spending expenditure and invest in infrastructure to stimulate economic growth.\cite{26} In this study, according to the experts, plans such as creating a knowledge-based company, activating the innovation system, strengthening and empowering factors and developing tourism were proposed as effective plans to increase economic growth at the University of Medical Sciences.

Economic stability is related to the interaction between total supply and demand in the economy. In their study, Briguglio \textit{et al.} examined the concepts and criteria of economic resistance and economic vulnerability, and considered the four main indicators of strengthening economic resistance as economic stability, microeconomic market efficiency, good governance, and social development.\cite{27} Amiri \textit{et al.}, in their study as estimating the vulnerability and resistance indicators in the Iranian Economy, mentioned economic stability as one of the most important indicators of economic stability.\cite{28} In this study, economic stability with 10 plans was identified as one of the axes in achieving the resistance economy policies in the field of health care.

Economic health with 2 objectives, 4 strategies, and 12 plans was identified as another axis in achieving the economic influence in the Health Sector is the chosen method of interaction between different stakeholders of the health system to represent, collaborate, resolve disputes, improve health systems, and guarantee the right to health for

| Axes | Policy clause | Objectives | Strategy | The frequency of the proposed plans in the group discussion | The frequency of the proposed plans in Delphi phase |
|------------------|------------------|------------------|------------------|------------------|------------------|
| People-centered | One | 2 | 4 | 14 | 4 |
| Economic growth | Twelve | 6 | 2 | 6 | 3 |
| Economic justice | Four | 3 | 3 | 9 | 3 |
| Support for internal services | Three | 1 | 5 | 12 | 7 |
| Economic flexibility | Five | 1 | 1 | 7 | 2 |
| Economic stability | Six | 1 | 3 | 16 | 9 |
| Economic influence | Seven | 2 | 2 | 17 | 8 |
| Economic health | Twenty-four | 1 | 2 | 7 | 2 |
| Economic flexibility | Eight | 1 | 4 | 15 | 10 |
| Economic stability | Twelve | 2 | 4 | 8 | 3 |
| Economic influence | Twenty-two | 2 | 4 | 11 | 6 |
| Economic health | Sixteen | 3 | 1 | 9 | 3 |
| Economic influence | Seventeen | 1 | 1 | 12 | 6 |
| Economic health | Ten | 1 | 1 | 4 | 1 |
| Economic influence | Eleven | 2 | 8 | 19 | 13 |
| Economic health | Seventeen | 1 | 1 | 4 | 1 |
| Total | Nineteen | 2 | 1 | 6 | 3 |
| Economic influence | Twenty three | 1 | 3 | 13 | 9 |
| Total | 39 | 54 | 198 | 98 |

MUI=Isfahan University of Medical Sciences
vulnerable groups. The basic need for economic diplomacy and the conversion of existing sources of economic power into real power is to identify the principles and strategies of diplomacy and economic influence. In the studies of Mohsenzadeh and Danesh Ja’fari, the diversity of countries’ exports and their dependence on a particular commodity are the proper infrastructures for diplomacy and economic influence. Mohammadi Siah Boumi also cited the discontinuance of monopolistic economics and alternative production and exports as goals and foundations of a resistance economy in the field of economic diplomacy. In general, facilitating cross-border trade, improving and enhancing nongovernmental organizations and foundations as health diplomats, globalizing, and enhancing cooperation between low- and middle-income countries contribute to promote economic influence in the field of health. All results were consistent with the results of the present study. Based on the results of the present study, a deep understanding of the target markets of health services helps to increase exports and effective presence in foreign markets. Therefore, it is important to know the real needs and capabilities of the country, as well as to recognize the relative advantage of the country in shaping world trade, and thus the results of the present study are consistent with the above studies.

In the present study, support for internal services and strategic self-reliance with 19 plans was identified as the most important axis in achieving the resistance economy policies in the field of health care at the MUI. According to the results of Hasani and Dehzari’s study, a resistance economy is aimed at reducing dependencies and emphasizing the advantage of domestic production and self-reliance. In their research, Mohsenzadeh M also cited the reduction of external dependence and the increase of domestic production as the main foundations of the resistance economy. In addition, Seif and Eidelkhani et al. also cited support for domestic production and strategic self-reliance in resisting economy requirements in their studies. In general, most governments tend to support the production and delivery of domestic services, in particular special products. The results of these studies were in line with the results of the present study. That is because Iran has been experiencing economic crises, technological change, recession, and unemployment in recent years, and thus supporting domestic services and improving the quality of economic services have a significant impact on growth and dealing with economic sanctions.

Economic flexibility is another general objective related to the resistance economy, which was identified by 19 plans as another important axis in achieving the resistance economy policies in the field of health care at the MUI from the viewpoint of the experts. Economic flexibility is a way that organizations can maintain or enhance their flexibility with respect to their workforce, capital goods, natural resources, and location of economic activity after the shock occurs. Economic flexibility has a positive impact on the performance of organizations after a crisis and help organizations maintain their effectiveness in different conditions. To determine the reasonable extent to achieve the ideal economic flexibility in the economic system, the ratio of international trade to Gross Domestic Product (GDP) should be determined. According to Seif’s study, economic flexibility strategies include the four elements of deterrence, neutralization, absorption and restoration, and the strategy of dispersal and weakening. Therefore, in the present situation, saving is considered as the driving force in any activity and is of particular importance in the process of economic flexibility of countries.

One of the limitations of the study was that the determination of the plans and executive indicators of the resistance economy policies in each organization are based on its organizational atmosphere and the results cannot be compared with other institutions. However, this program and the relevant specified indicators can be used as a roadmap for other universities of medical Sciences in Iran. Besides, like other qualitative researches, changing the experts may somewhat change the results due to their different understanding. It is suggested to collect information by other methods such as observation and interviews for comprehensiveness. Another limitation of the study was the lack of scientific studies in this field due to the emerging issues of resistive economics in the health issues.

Conclusion

In this study, main goals, thematic goals, strategies, programs, and programmatic indicators of resistance economy policies in the field of health were identified. Resistance economics is not a goal, but it needs to be incorporated into the goals and strategies of policymakers in the health system. The specific and important suggestion of the paper is to identify the programs identified in policymaking to implement health-resistive policies, and to try to act in a balanced way.

Implementing resistance economy policies and achieving its results also requires planning in the long run, building a culture of resistance economics, integrating different sectors and institutions, changing the educational system at different levels of the health system, and training entrepreneurs to implement resilience-driven programs. Finally, implementing programs for a resistance economy is not without cost. Thus, it is suggested that future studies should analyze the cost-benefit of each
program to determine the optimal limit of resistance economy.

Acknowledgment
This article is registered with the code R13963527 in the research board of the Isfahan University of Medical Sciences. We want to express a special recognition to the specialists who have participated in the study without whom the study could not be possible.

Financial support and sponsorship
This study was financially supported by Isfahan University of Medical Sciences, Isfahan, Iran.

Conflicts of interest
There are no conflicts of interest.

References

1. Bagheri R, Booolati H, Avazpour K, Pahlevani HA, Deris K. Comparing export and import sport goods in Iran in 2014 to implement resistive economics. Eur Online J Nat Soc Sci 2016;5:253-62.

2. Briguglio L, Cordin G, Farrugia N, Vella S. Conceptualizing and Measuring Economic Resilience. Building the Economic Resilience of Small States, Malta: Islands and Small States Institute of the University of Malta and London: Commonwealth Secretariat; 2006. p. 265-88.

3. Hallegatte S. Economic Resilience: Definition and Measurement. The World Bank, Climate Change Group, Office of the Chief Economist, Washington, D.C.: United States; 2014. p. 1-46.

4. Jeshfaghani HA, Ghiasi HR. Examining ways to remove barriers to entrepreneurship and wealth creation relying on islamic standards and resistance economic policies in Iran. Management 2017;22:1-10.

5. Seyedali Routeh SS, Tari F, Taklif A, Ghasemi A. Optimal allocation of natural gas in Iran to support a resilient economy. Quarterly Energ Econ Rev 2019;14:1-34.

6. Sirous R, Lopes RB. A framework to identify and overcome barriers in launching sustainable energy projects in the Iranian industrial sector. Int J Energ Technol Policy 2019;15:1-30.

7. Reza Shahab M, Delavari M, Alsadat Hashemi S. Economic austerity along with resistive economy as two acting forces in Iran’s economy. Europ Online J Natural Soc Sci Proceed 2015;4:387-91.

8. Seif A. Introduction to the roadmap for the implementation of the general policies of the resistance economy islamic republic of Iran. Basij Strat Stud Quarterly 2014;16:90-115.

9. Avise JC, Hubbell SP, Ayala FJ, Council NR. Resistance, resilience, and redundancy in microbial communities. In: The Light of Evolution: Volume II: Biodiversity and Extinction: National Academies Press. Washington, D.C.: United States; 2008. p. 1-14.

10. Rose A. Defining and measuring economic resilience to disasters. Dis Prevention Manag 2004;13:307-14.

11. Briguglio L, Piccinino S. Growth with resilience in East Asia and the 2008–2009 global recession. Asian Develop Rev 2012;29:183-206.

12. Folland S, Goodman AC, Stano M. basic economics tools. In: The Economics of Health and Health Care: Pearson New International Edition. Abingdon, United Kingdom: Routledge; 2016. p. 1-18.

13. Abdi J, Maleki M, Khorasavi A. Staff perceptions of patient safety culture in hospitals of University Tehran. Payesh J 2011;10:411-9.

14. Ferdosi M, Rezayatmand R, Molavi Taleghani Y. Risk management in executive levels of healthcare organizations: Insights from a scoping review (2018). Risk Manag Health Policy 2020;13:215-43.

15. Seastrunk CS. Algorithm to Systematically Reduce Human Errors in Healthcare. North Carolina: Faculty of North Carolina State University; 2006. p. 1-86.

16. Ferdosi M, Molavi Taleghani Y. Effective factors of the entrepreneurship development in Isfahan university of medical sciences: A qualitative study. Manag Strateg Health Syst 2019;4:240-54.

17. Asghari M, Hajjabadi E. Statistical Analysis Methods Looking at Research Methods in Biological and Health Sciences. 1st ed. Tehran: Academic Jihad; 2011. p. 536.

18. Seif AM. A proposed model for resistance economy in islamlic republic of Iran (In Light of the Viewpoint of the Supreme Leader). Horizons Security 2012;5:5-22.

19. Vaezi K, Fadaee M. Investigating and explaining the components of strategic management of Islamic University based on resistance model. Managem Islamic Univ 2015;4:39-58.

20. Bahrami T, Ghanizadeh S. Determining the position and role of economic security police in achieving the objectives of the second step of the islamic revolution of Iran. Detect Sci Quarterly 2019;1398:43-58.

21. Salar H, Khorasani F. Examining the appropriate strategies for achieving a resistance economy with a lifestyle approach. Economic J 2017;1396:79-106.

22. Nord E, Johansen R. Concerns for severity in priority setting in health care: A review of trade-off data in preference studies and implications for societal willingness to pay for a QALY. Health Policy 2014;116:281-8.

23. Takian A, Doshmandir L, Rashidian A. Implementing family physician programme in rural Iran: Exploring the role of an existing primary health care network. Fam Pract 2013;30:551-9.

24. Toutouchcian M, Einam SMR. Investigating the realization of economic justice in resistance economics and its relationship with citizenship rights. Bioeth J 2018;5:43-53.

25. Bloom DE, Canning D, Kotschy R, Prettner K, Schünemann JJ. Health and economic growth: Reconciling the micro and macro evidence. Natl Bur Econ Res Camb Mass United States 2019;11940:1-3.

26. Butkiewicz J L, Yanikayaka H. Institutions and the impact of government spending on growth. J Appl Econ 2011;34:319-41.

27. Briguglio L, Cordin G, Farrugia N, Vella S. Economic vulnerability and resilience: Concepts and measurements. Oxford Develop Stud 2009;37:229-47.

28. Amiri H, Pirdadeh Beyranvand M, Norouzi Amogin F, Alisadeh S. Estimation vulnerability and resilience indicators in Iran economy. Quarterly J Macro Strategic Policies 2018;6:434-55.

29. Hutchinson E, Balabanova D, McKeever M. We need to talk about corruption in health systems. Int J Health Policy Manag 2019;8:191-4.

30. Vafaei Najar A, Ebrahimipour H, Pourtaleb A, Esmaily H, Jafari M, Nejatzezegan Z, et al. At first glance, informal payments experience on track: Why accept or refuse? Patients’ perceive in cardiac surgery department of public hospitals, northeast of Iran 2013. BMC Health Serv Res 2017;17:205.

31. Popoola OT. Corruption and health sector performances in West Africa countries: A theoretical analysis. J Econ Manag Sci 2019;13:1-13.

32. Lee K, Smith R. What is ‘global health diplomacy’? A conceptual review. Global Health Governance 2011;5:1-12.

33. Danesh-Jafari D, Karimi S. Oil, Sixth development plan and resistance economics. Strategic Military Policies 2016;2:1-35.

34. Mohammad-Siahboomi H, Salehi FG. The realization of resilient economy by using the jihadi management strategy. (The Case of Study: Social Security Organization of Isfahan). Quarterly J Econ Res Policies 2017;25:85-113.

35. Kickbusch I, Kokény M. Global health diplomacy: Five years on. Bull World Health Organ 2013;91:159-159A.
36. Hassani M, Nasir DA. Political economy and resistance economy; comparing economic sanctions of the 1950s and 2010s. Islamic Politics Res 2015;2:89-163.
37. Mohsenzadeh M. The role of public in relations the resistance economy. Media 2017;27:51-66.
38. Seif A. The proposed model of the resistance economic of the Islamic Republic of Iran”based on the viewpoint of Imam Khamenei. Afaqeamniat 2012;5:5-22.
39. Eidelkhani Y, Akhavan P, Hosnavi R. A model of knowledge management process impact on resistive economy in Islamic Republic of Iran case study: Ansar bank. Crisis Manag 2017;5:65-76.
40. Ponte S, Daughbjerg C. Biofuel sustainability and the formation of transnational hybrid governance. Environ Politics 2015;24:96-114.
41. Greenspan A. Economic flexibility. Vital Speeches Day 2005;71:738.
42. Grewal R, Tansuhaj P. Building organizational capabilities for managing economic crisis: The role of market orientation and strategic flexibility. J Marketing 2001;65:67-80.