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Patient's Satisfaction Level at Health Facilities in Vietnam: System Overview Study, Peroid 2006-2021

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Abstract: <u>Purpose</u>: The study was to confirm the satisfaction level and related factors of patients with medical services in health facilities. <u>Design/methodology/approach</u>: Systematic review through searching, synthesizing and analyzing 35 studies published in peroid 2010-2020. <u>Findings</u>: The satisfaction level of patients is quite high (satisfaction rate is over 70%, average score is over 3.5). Factors with high satisfaction rates include: Information transparency; Behavioral attitude and professional capacity of medical staff. Factors with not high satisfaction rates include: Infrastructure; Accessibility; Service results. Factors that are not/least related include: age, sex, living area. Related factors: Waiting time for medical services, time for treatment, Infrastructure. <u>Originality/ value/implication</u>: A systematic review to provide general information on the the satisfaction level and related factors, analysis of strengths, weaknesses and deficiencies that need to be supplemented for further studies on this issue.

Keywords: Satisfaction of patients; Related factors; Systematic review, Public Health, Vietnam

1. Introduction

According to WHO, the quality of health services affects to patient's satisfaction and the patient's satisfaction can be assessed the effectiveness of health services.

For many years, research activities on patient's satisfaction have been carried out by scientists on many subjects and health facilities, however, the overview research on this issue is still limited.

In order to continue to synthesize fully and comprehensively, we have collected and reviewed studies on patient's satisfaction in Vietnam, analyzed study design, measurement tools. and some influencing factors and results found in the studies.

A systematic review to provide general information on the the satisfaction level and related factors, analysis of strengths, weaknesses and deficiencies that need to be supplemented for further studies on this issue. contributing to improve the quality of medical service for patients.

2. Methodology

Research time: from May 2021 to October 2021

Research method: Systematic review through searching, synthesizing and analyzing 35 studies published in peroid 2006-2021 in Vietnam.

Research subjects: reports, theses, scientific articles, research topics on the satisfaction of patients at health facilities published in the period 2006-2021 (referred to as research).

Strategies for finding studies: Online searching (via Google tool). Manual searching (documents stored in libraries of hospitals and universities).

Review of studies: For each study found, the author collects and analyzes the following information such as study design, sample size, location, study time, research tools, research results achieved.

Table 1: Summary of the selection and review of studies

Steps	Criteria	
Steps	Chita	studies found
Initial search	Finding electronic database and published studies on satisfaction of medical staff	52
The 1 st Review	The title of the topic, the research summary, contains the words related to the satisfaction of health	
	workers. The research was conducted in Vietnam, the origin is clear	
The 2 nd Review	The study has sufficient data for analysis (study design, sample size, location, toolkit, study results)	40
The 3 rd Review	Eliminate duplicate studies	38
Include in analysis	Study that meets the selection criteria	35

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3. Results and Discussion

3.1. Measuring the satisfaction level of patients

Table 2: Toolkit to measure the satisfaction level of patients in studies

		easure the satisfaction level of patients in studies
Author, year	Study design	Toolkit to measure the satisfaction
		The toolkit includes 6 groups of elements:
		- Access to service;
Yen, Pham Nhat (2008)	Cross-sectional study,	- Communicating and interacting with medical staff;
[1]	quantitative combined	- Communicating and interacting with doctors;
[1]	qualitative	- Tangible objects;
		- Health care results;
		- Quality of medical examination and treatment.
		The toolkit includes 3 groups of elements with 12 subsections:
Lien, Nguyen Thi and et	Cross-sectional study	- Communication skills of health workers.
al (2007-2010)) [2]	Cross-sectional study	- Professional qualifications of health workers.
		- Organization of examination and treatment at the hospital.
		The toolkit includes 5 groups of elements with 20 subsections:
Thinh, Nguyen Cong	Cross-sectional study,	- Tangible elements;
(2011) [3]	quantitative combined	- Trust;
(2011) [5]	qualitative	- Ability to meet;
	quartan	- Level of sympathy;
		- Guarantee.
		The toolkit includes 5 groups of elements with 38 subsections:
Van, Bui Thi Duong	Cross-sectional study,	- Convenience in medical examination and treatment;
(2011) [4]	quantitative combined	- Expenses for medical examination and treatment;
(,)[]	qualitative	- Waiting time for medical examination and treatment;
	1	- facilities for medical examination and treatment;
		- Attitudes and instructions of health workers.
		The toolkit includes 5 groups of elements with 32 subsections:
	Cross-sectional study,	- Time to access health services;
Tuyen, Nguyen Manh	quantitative combined	- Communicate and interact with health workers;
and et al (2012) [5]	qualitative	- Communicate and interact with doctors;
	•	- Tangible objects;
		- Results of examination and treatment.
	C	The toolkit includes 4 groups of elements with 28 subsections:
Ly, Nguyen Ngoc	Cross-sectional study,	- Mental care for the patients;
(2013) [6]	quantitative combined	- Health counseling and education;
	qualitative	The relationship between nurses and patients;Practice nursing care activities.
		The toolkit includes 4 groups of elements with 28 subsections:
		- Friendly communication of Nursing;
Thang, Tran Sy and et al	Cross-sectional study	- Informing and guiding for patients;
(2014) [7]	Cross-sectional study	- Nursing's help and support for the patient;
		- Order and hygiene of the patient room
		The toolkit includes 4 groups of elements:
		- Infrastructure;
Du, Vu Van (2016) [8]	Cross-sectional study	- Time to access health services;
Du, vu vun (2010) [0]	Cross sectional stady	- Communicate and interact with health workers;
		- Treatment results.
		The toolkit includes 5 groups of elements with 31 subsections:
		- Access to medical services:
a	Cross-sectional study,	- Transparency of information and procedures for medical examination and
Cam, Tran Thi Hong	quantitative combined	treatment;
(2017) [9]	qualitative	- Facilities and equipment to serve patients;
	1	- Behavior, professional capacity of health workers;
		- Results of medical service delivery.
		The toolkit includes 4 groups of elements with 18 subsections:
Cho HeTi'D''		- Access to service;
Cha, Hoang Thi Bich	Cross-sectional study	- Nursing care;
and et al (2018)) [10]	-	- Doctor's treatment;
<u> </u>		- Facilities for medical examination and treatment.
Hoi Tron Thi Dial and		The toolkit includes 2 groups of elements:
Hoi, Tran Thi Bich and	Cross-sectional study	- Attitude of health workers;
et al (2019) [11]		- Quality of vaccination service.
Ly, Tran Thi and at al (2020) [12]	Cross sectional study	The toolkit includes 5 groups of elements with 31 subsections:
	Cross-sectional study,	- Access to medical services;
	quantitative combined	- Transparency of information and procedures for medical examination and
ı	qualitative	treatment;

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Author, year	Study design	Toolkit to measure the satisfaction
		- Facilities and equipment to serve patients;
		- Behavior, professional capacity of health workers;
		- Results of medical service delivery.
Van, Nguyen Le Hong and et al (2020)	Cross-sectional study	 The toolkit includes 5 groups of elements with 31 subsections: Access to medical services; Transparency of information and procedures for medical examination and treatment; Facilities and equipment to serve patients; Behavior, professional capacity of health workers;
		- Results of medical service delivery.

Most of them are cross-sectional studies, no intervention studies. The Toolkit to measure the satisfaction level of patients in studies usually includes 5 groups of criteria: (1) Access to medical services; (2) Transparency of information and procedures for medical examination and treatment; (3) Facilities and equipment to serve patients; (4) Behavior, professional capacity of health workers and (5) Results of medical service delivery.

Most studies use the Likert scale to assess the satisfaction of health workers with a level of 1 to 5 points: (1 point-Very dissatisfied; 2 points-Dissatisfied; 3 points-Normal/Unknown; 4 points-Satisfied; 5 points-Very satisfied).

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3.2 Satisfaction level of patients

Table 3: Satisfaction level of patients in studies

Lien, Nguyen Thi (2007-2010) [2] Thinh, Nguyen Cong (2010) [3] Giang, Tran Thi Ha (2011) [14] Anh, Nguyen Ba (2012) [15] Hanh, Le Thi My (2013) [16] Hanh, Le Thi My (2013) [16] Phuce, Nguyen Ngoc and et al (2014) [17] Phuc, Nguyen Van and et al (2015) [18] Du, Vu Van and et al (2015) [18] Cha, Hoang Thi Bich and et al (2016) [8] Cha, Hoang Thi Bich and et al (2018) [10] Cha, Hoang Thi Bich and et al (2018) [10] Cha, Hoang Thi Bich and et al (2018) [10] Cha, Hoang Thi Bich and et al (2019) [11] Ali, Irran Thi Bich and et al (2019) [11] Ali (2010) [12] Patients and their family Pong Da general hospital and pong Da general hospital, Hanoi Capital Dermatology Hospital Dong Da general hospital, Hanoi Capital Dermatology Hospital The National Dermatology Hospital The National Dermatology Hospital The National Dermatology Hospital Pong Da general hospital, Hanoi Capital The National Dermatology Hospital Pong Da general hospital, Hanoi Capital The National Dermatology Hospital Pong Da general hospital, Hanoi Capital The National Dermatology Hospital Pong Da general hospital, Hanoi Capital Cardiovascular Institute Bach Mai Hospital Cardiovascular Institute Bach Mai Hospital Pout Vu Van and et al (2015) [18] All inpatients at ondepartment All inpatients at ondepartment Province All inpatients at ondepartment Province The National Maternity Hospital hospital and interacting with health workers: 89,7% Communicating and interacting with health workers: 87,6 Facilities: 81,6% Communicating and interacting with health workers: 87,6 Communicating and interacting with health workers: 87,6 Communicating and interacting wit	Author, year	Subjects, Sample size	Location research	Research results (rate of satisfaction of patients with factors)
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Author, year	Subjects, Sample size	Location research	Research results (rate of satisfaction of patients with factors)
Ly, Tran Thi (2020) [12]	300 patients (150-Inpatients and 150 Outpatients)	(1) Nationnal Endocrine Hospital; (2) National K Hospital; (3) Can Tho General Hospital (4) Can Tho University of Medicine and Pharmacy Hospital (5) Quy Hoa Hospital of Leprosy and Dermatology	+ Good: 54% + Acceptable: 42% + Very poor: 0.3% - Attitude, communication, professional capacity of health workers: 87.4% - Facilities and equipment to serve patients: 64.6% - Transparency of information and procedures for medical examination and treatment: 84.8% - Access to health services: 78.4%
Van, Nguyen Le Hong and et al (2020)) [13]	400 People >= 18 years old using medical services	Center for Disease Control in Thanh Hoa province (CDC)	 Access to services: 54% Transparency of medical information and procedures: 98.5% Facilities: 84.3% Attitude, professional capacity: 100% Overall satisfaction: 94.8% Average score: 4-4.6/5

The average satisfaction rate of patients is over 70%. Satisfaction rate of inpatients is higher than that of outpatients. Areas with high satisfaction rate of patients: (1) Attitude, communication, professional capacity of health workers; (2) Information transparency in medical examination and treatment; (3) Results of health services delivery.

Areas with low satisfaction rate of patients: (1) Accessibility to health services; (2) Waiting time for medical examination and treatment; (3) Facilities and equipment to serve patients.

3.3. Factors related to the level of satisfaction of patients

Table 4: Factors related to the level of satisfaction of patients in studies

A .1		ver of satisfaction of patients in studies
Author, year	Name of study	Factors related to the level of satisfaction of patients
Huong, Bui Thi Thu (2009) [19]	Evaluation of patients' satisfaction about the quality of medical examination and treatment at the medical examination department, Tien Du general hospital, Bac Ninh province.	 The older the age group, the higher the satisfaction level (P<0.05). The average satisfaction score of the "farmer" group is higher than that of other groups (P<0.05).
Trung, Pham Huu (2011) [20]	Evaluation of satisfaction of inpatients with AFB (+) at Hanoi Lung Hospital, 2011	 5 factors related to patient's satisfaction with p<0.001, including: Waiting time for medical examination and treatment; Infrastructure; Communication and care of health workers; Communication and care of the doctor; Health care results.
Tu, Tran Thi Cam (2012) [21]	Research the satisfaction of patients about medical examination and treatment at Hue Central Hospital, 2012	 5 factors related to patient's satisfaction with p<0.05, including: Age group; Academic level; Communicating and interacting with health workers; The patients live in Hue City; The patients use the usual room in hospital.
Dung, Nguyen Tri (2014) [22]	Research the satisfaction of patients and some related factors about medical examination and treatment at the Department of Examination, Dong Thap General Hospital, 2014	Factors related to patient's satisfaction, including: Living area. Education level. Factors NOT related to patient's satisfaction, including: Age; Gender; Occupation; Subjects of medical examination.
Duong, Hoang Minh (2016) [23]	Evaluation of patient's satisfaction level at the National Lung Hospital, 2016	 Factors related to patient's satisfaction, including: Gender; Duration of inpatient treatment. Factors NOT related to patient's satisfaction, including: Age; Subjects of medical examination.
Cam, Tran Thi Hong (2017) [9]	Evaluation of patient's satisfaction level about using health services at some public hospitals	 2 groups of factors related to patient's satisfaction including: Group of demographic and socioeconomic factors: Education level; Occupation; Ethnicity; Household's standard of living; Health status of patients. Group of elements constituting health services: Transparency of

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Author, year	Name of study	Factors related to the level of satisfaction of patients
		information; Infrastructure; Service provider.
Hoi, Tran Thi Bich and et al (2019) [11]	Satisfaction with expanded vaccination service and some related factors among mothers with children under 1 year old at Commune Health Station, Vinh Bao District, Hai Phong, in 2019	 There is a difference in satisfaction level between the group of mothers who do not often receive pre-vaccination counseling (46.6%) and the group of mothers who regularly receive pre-vaccination counseling (80.3%). There is a difference in satisfaction level between the group of mothers who are not regularly counseled after vaccination (62.1%) and the group of mothers who are regularly counseled after vaccination (79.5%)
Ly, Tran Thi (2020) [12]	Situation and some factors related to the level of satisfaction of patients at some hospitals in Vietnam	 Factors related to patient's satisfaction, including: Sex; Duration of inpatient treatment Factors NOT related to patient's satisfaction, including: Age group; Subjects of medical examination

Factors related to the satisfaction of patients include: Waiting time for medical examination and treatment; Infrastructure; Medical examination and treatment procedures. Factors NOT related to patient's satisfaction, including: Age; Gender; Occupation and Subjects of medical examination.

4. Recommendations

The satisfaction of patients in health facilities is high in general. However, we recommend a plan and policy for health facilities, especially grassroots health care need to improve not only facilities and equipment but also areas with low satisfaction rate of patients: Waiting time for medical examination and treatment; Communicating and interacting with health workers; Health care results.

5. Limitations

The number of studies analyzed and synthesized was reviewed is not much (30 studies). The toolkit to measure and evaluate the satisfaction of patients in each study are different, so the results of the review was not ideal for all patients in Vietnam.

Most of the studies were found are cross-sectional studies, no intervention studies were found, so we can't have recommendations on interventions to improve the satisfaction level of patients.

6. Conclusions

The review provides general information about the satisfaction of patients: Satisfaction level, measurement and evaluation tools, related factors. It helps to guide for further researchs on this issue. It also provides scientific basis to improve the satisfaction level of patients in medical facilities.

References

[1] Yen, Pham Nhat. (2008), "Patient's satisfaction with the quality of medical services at the request medical department, Bach Mai hospital". Thesis of public health, University of Public Health.

- [2] Lien, Nguyen Thi. (2007-2010), "Survey on satisfaction of patients and their family at Hanoi Heart Hospital, period 2007-2010". Basic research topic.
- [3] Thinh, Nguyen Cong. (2010), "Evaluation of patients' satisfaction with medical examination and treatment services at the Internal Medicine and Pediatrics clinic of the medical examination department, Dong Da General Hospital in 2010". Thesis of public health, University of Public Health.
- [4] Van, Bui Thi Duong. (2011), "Evaluation of patient satisfaction with medical examination and treatment activities at the National Lung Hospital". Hospital management thesis, University of Public Health.
- [5] Tuyen, Nguyen Manh and et al. (2012), "Patients satisfaction level at Tay Nguyen University hospital". Basic research topic.
- [6] Ly, Nguyen Ngoc and et al. (2013), "Evaluation of the satisfaction of inpatients about nursing care at the Internal Medicine Department of Tuyen Quang General Hospital". Thesis of Public Health, University of Public Health.
- [7] Thang, Tran Sy and et al. (2014), "Survey on satisfaction of inpatients with nursing services at a general hospital in Ha Tinh province". Download from http://soyte. hatinh. gov. vn/tin-tuc-su-kien/minh-bach-thong-tin/khao-sat-hai-long-cua-benh-nhan-noi-tru-doi-voi-su-phuc-vu-c. html, date 6/5/2021.
- [8] Du, Vu Van and et al. (2016), "Evaluation of in patient satisfaction with quality of medical services at the ondemand treatment department, National Maternity Hospital". Basic research topic.
- [9] Cam, Tran Thi Hong. (2017), "Assessment of patient satisfaction about using medical examination and treatment services at some public hospitals". Doctoral thesis, major in sociology, Ho Chi Minh National Academy of Politics.
- [10] Cha, Hoang Thi Bich and et al. (2018), "Survey on satisfaction of inpatients and their families at My Loc general hospital, Nam Dinh province. Journal of nursing science, volume 01, issue 03.
- [11] Hoi, Tran Thi Bich and et al. (2019), "Satisfaction with expanded immunization services and some related factors among mothers with children under 1 year old at Commune Health Station, Vinh Bao district, Hai Phong province, 2019". Journal of Preventive Medicine, Vol.31, No.1 2021, page.11.

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Volume 10 Issue 12, December 2021

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Paper ID: SR211201152119 DOI: 10.21275/SR211201152119

International Journal of Science and Research (IJSR) ISSN: 2319-7064

SJIF (2020): 7.803

- [12] Ly, Tran Thi. (2020), "The current situation and some factors related to the satisfaction of patients who come for examination and treatment at some hospitals in Vietnam". Journal of Practical Medicine, Issue 4 (1131) 2020.
- [13] Van, Nguyen Le Hong Van and et al. (2020), "Satisfaction with medical care services at the Center for Disease Control of Thanh Hoa province". Journal of nursing science, volume 03, issue 03 (2020).
- [14] Giang, Tran Thi Ha. (2011), "Evaluation of patient satisfaction about medical examination and treatment services at the medical examination department of the National Dermatology Hospital". Hospital management thesis, University of Public Health.
- [15] Anh, Nguyen Ba. (2012), "Assessment of patient satisfaction about the quality of nursing care at some clinical departments of Viet Duc hospital". Hospital management thesis, University of Public Health.
- [16] Hanh, Le Thi My and et al. (2013), "Survey on opinions and satisfaction of patients at the medical examination department, Cho Ray hospital". Proceedings of the scientific and technical conference of Cho Ray hospital in 2013.
- [17] Phuoc, Nguyen Ngoc and et al. (2014), "Assessment of satisfaction of inpatients and their family about the quality of medical services at the Heart Institute-Bach Mai Hospital". Basic research topic.
- [18] Phi, Nguyen Van and et al. (2015), "Evaluation of satisfaction of patients at Cau Dien General Clinic, Tu Liem District Medical Center, Hanoi". Journal of Preventive Medicine, 4 (164).
- [19] Huong, Bui Thi Thu. (2009), "Evaluation of patients' satisfaction about the quality of medical services at the Department of Examination, Duy Tien general hospital, Bac Ninh province. Thesis of public health, University of Public Health.
- [20] Trung, Pham Huu. (2011), "Evaluation of satisfaction of AFB (+) pulmonary tuberculosis inpatient at Hanoi Lung Hospital", Thesis of public health, University of public health.
- [21] Tu, Tran Thi Cam and et al. (2012), "Research on patient satisfaction about medical examination and treatment at Hue Central Hospital", Journal of Practical Medicine (903)-No.1/2014, pp.54-60.
- [22] Dung, Nguyen Tri. (2014), "Research to assess patient satisfaction about medical examination and treatment services and some related factors at the medical examination department, Dong Thap general hospital". Hospital management thesis, University of Public Health.
- [23] Duong, Hoang Minh and et al. (2016), "Assessment of the satisfaction of patients who come for examination and treatment at the National Lung Hospital". Basic research topic.

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