TRANSITIONAL CARE FOR IMPROVING HEALTH CARE QUALITY IN HOSPITAL: A LITERATURE REVIEW

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ARTICLE INFORMATION

Received: September, 22nd, 2024

KEYWORDS

transitional care; improving health care quality; hospital

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ABSTRACT

The transition of care from hospital to home is a critical period for patients, especially those with chronic conditions such as heart failure. During the transition period, patients often experience difficulties managing their disease, which can lead to an increased risk of rehospitalization. This literature review aims to analyze scientific evidence about the effectiveness of transitional care interventions in improving the quality of health care in hospitals, especially for patients with chronic conditions. The method of this study is a literature review. This study used electronic databases such as PubMed, ScienceDirect and Google Scholar. The selected articles are quantitative research articles published within the last 5 years available in full text and not the result of a review. The results of the review show that transitional care interventions have a significant positive impact on the quality of health care. This intervention can increase self-management, treatment adherence and patient satisfaction with heart failure. Some components of effective interventions include patient education, care coordination, outpatient follow up and social support. Transitional care interventions are an effective strategy to improve the quality of health care, especially in patients with chronic conditions. The implementation of a comprehensive transitional care program in hospitals needs to continue to be improved to achieve optimal results.

INTRODUCTION

Transitional care is the process of moving a patient from one level of care to another and this process often involves moving the patient from the hospital to a continuing care facility or home. Transitional care involves a broad range of conditions and services to ensure continuity of care and prevent negative effects in vulnerable individuals who are affected by any changes in care settings or caregivers¹⁰. Transitional care was initially used as a multidisciplinary model to empower parents with vulnerable low-birth-weight neonates who had early discharge and received part of hospital care at home and then gradually used

in other vulnerable groups¹⁰. Although care transition is an integral part of the patient care process, it is often a critical point that can have an impact on the overall quality of health care⁹.

Many studies have shown that ineffective transitional care can increase the risk of readmissions, complications and even death and a decrease mortality rate and patient's quality of life 1,2,3,4. This is due to several factors, such as lack of coordination between healthcare providers, lack of information provided to patients, non-compliance with therapy management, as well as lack of follow-up while at home and adequate social support 5,12. Besides that, qualitative studies say that there was a lack of holistic plan in the healthcare system towards transitional care and the continuance of care resulting decreased quality of care (Dolu dkk., 2021). Seeing the importance of transitional care in improving the quality of health services, this study aims to conduct a systematic literature review of various transitional care strategies that have been implemented in hospitals and their impact on the quality of health services. Thus, it is hoped that a more comprehensive understanding of best practices in transitional care and its implications for the development of hospital intervention policies and programs can be obtained.

METHODS

This study used a scoping review design outlined by (Arksey, H., & O'Malley, 2005) which consists of the following steps: (1) formulating research questions, (2) identifying relevant studies, (3) selecting studies, (4) mapping data, and (5) compiling, summarizing, and reporting results.

A literatures search was carried out using various electronic databases such as PubMed, ScienceDirect, and Google Scholar using the keywords transitional care, improving health care quality, hospital.

The criteria for selecting articles were based on inclusion criteria based on PICO analysis (population, intervention, comparison, outcomes), with the provisions P: Population is a patient receiving treatment in a hospital I: Intervention is an intervention by providing transitional care; C: Comparison is an intervention given to patients in a hospital; and O: Outcomes are the results or effects of the intervention, namely quality of life, readmission rate, therapeutic adherence, self-care management and patient satisfaction.

Inclusion criteria in the literature search included articles reviewed which were research articles in international journals, published at least in the last 5 years, available in full text in English, and studies related to transitional care in the hospital. The exclusion

criteria were articles that were the result of a literature review. Appropriate literature selected based on topics related to transitional care for improving health care in hospitals.

The author checked each abstract thouroughly by using inclusion criteria. Studies were excluded if they were not relevant to the topic of transitional care for improving health care quality in hospital either quantitatively or qualitatively.

Data analysis in this research includes reading the entire contents of each article systematically, labeling meaningful parts of a collection of texts, analyzing, and mapping each context, and grouping them into categories. Combining qualitative and quantitative study findings. Next, the author analyzes the content of significant findings from reviews related to transitional care and concludes the results of the analysis to support these findings

RESEARCH RESULTS

The selected articles are summarized and presented in figure 1. Based on the results of a review conducted of the 16 articles, they are explained in the figure attached below. The results of the study search researchers concluded that transitional care is a continuous care strategy to improve the quality of health care in hospital and ensure a safe patient transition from hospital to home. This is important for nurses and other health workers to be given to patients and their families/caregivers, especially in chronic diseases such as heart failure which affect the quality of life and patient satisfaction.

Picture Description

Figure 1. Prisma flowchart

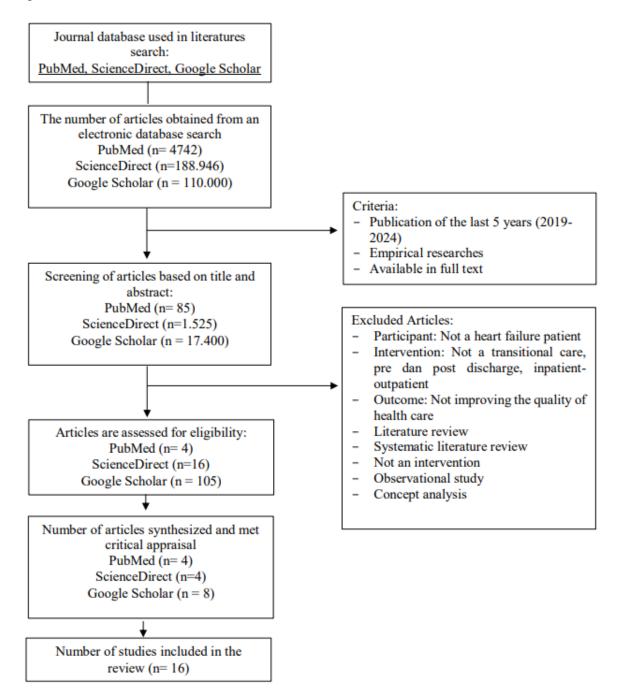


Figure 1. Prisma flowchart

Table Description

Table 1. Literature analysis result

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		•	able 1. Litera		legair	
	Author			Populatio	Research	Results and
No	(s)	Journal title	Objective	n and	Methods	discussion
	(8)			sample	Methods	uiscussioii
1	(Aileen	Evaluation	This research	The study	Cohort study	HF-TCP was not
_	Baecker,	of a	was	population		associated with a
	· · · · · · · · · · · · · · · · · · ·	Transitional	conducted to	were		reduction in 30-day
	PhD, et		examine the	28.693 and		readmissions overall,
	al, 2020)	Care	association of	samples of		although a follow-up
		Program	the individual	the study		clinic visit within 7
		After	HF-TCP	were 2565		days of discharge
		Hospitalizati	components	participants		may be helpful. These
		on for Heart	and their			findings highlight the
		Failure in	bundle with			importance of
			the primary			continued quality
		an	outcome of			improvement and
		Integrated	all-cause 30-			refinement of existing
		Health Care	day inpatient			clinical programs.
		System	or observation			
		-	stay			
			readmissions			
2	(Blumer,	Effect of	This research	The study	A stepped-	A patient-centered
4	, ,		aims to	samples	wedge	transitional care
	V MD, et	patient	assessed the	consisted	cluster	model improved
	al, 2021)	centered	effect of	of 986	randomized	discharge
		transitional	transitional	patients	controlled	preparedness,
		care services	care on	(47.4%	trial in 10	transition quality, and
		on patient	patient	women)	hospitals in	HRQOL in the weeks
		reported	reported		Ontario,	following HF
		outcomes:	outcomes		Canada	hospitalization, with
			(PROs) in			effects largely
		sex specific	women and			consistent in women
		analysis of	men			and men. However,
		the PACT-	hospitalized			women reported
		HF	for heart			lower HRQOL and
		Randomized	failure (HF).			experienced greater treatment benefit than
		Controlled				men at hospital
		Trial				discharge.
3	(Jeffrey	The Effects	This research	The	A Stepped	Patients in the
3	L	of a	aims to	samples in	Wedge	intervention arm had
			develop,	the study,	Cluster	a 45% relative
	Schnippe	Multifaceted	implement,	692 were	Randomized	reduction in post
	r, et al.	Intervention	and refine a	assigned to	Trial	discharge adverse
	2021)	to Improve	multifaceted	usual care		events (18 vs 23
		Care	care	and 987 to		events per 100
		Transitions	transitions	the		patients; adjusted
		Within an	intervention	interventio		incidence rate ratio,
		Accountable	and evaluate	n		0.55; 95% CI, 0.35-
			its effects on			0.84). Significant
		Care	post			reductions were also
		Organizatio	discharge			seen in preventable
			adverse			adverse events and in

	T	T	T	T	T	
		n: Results of a Stepped-	events.			new or worsening symptoms, but there
		Wedge				was no difference in
		Cluster-				readmission rates
		Randomized Trial				
4	(Patricia	The nurse-	The cardiac	The	Single-blind,	In total, 306
_	Jepma,	coordinated	care bridge	samples in	randomized	participants were
	et al	cardiac care	(CCB)	this	clinical trial	included. Mean age
	2021)	bridge	transitional	research		was 82.4 (standard
	2021)	transitional	care	were		deviation 6.3), 58%
			programmed evaluated the	cardiac patients ≥		had heart failure and 92% were acutely
		care	impact of	70 years		hospitalized. 67% of
		programme	combining	were		the intervention key-
		d: a	case	eligible if		elements were
		randomized	management,	they were		delivered. The
		clinical trial	disease	at high risk		composite outcome
			management and home-	of functional		incidence was 54.2% (83/153) in the
			based cardiac	loss or if		intervention group
			rehabilitation	they had		and 47.7% (73/153)
			(CR) on	had an		in the control group
			hospital	unplanned		(risk differences 6.5%
			readmission and mortality	hospital admission		[95% confidence intervals, CI –4.7 to
			and mortanty	in the		18%], risk ratios 1.14
				previous 6		[95% CI 0.91–1.42],
				months		P = 0.253). The study
						was discontinued
						prematurely due to
						implementation
						activities in usual care. In high-risk
						older cardiac patients,
						the CCB programmed
						did not reduce
						hospital readmission
						or mortality within 6
5	Huynh,	Influence of	Disease	The	Randomized	months. Readmission or death
	Quan L,	Risk on	management	samples in	controlled	occurred in 74/197
	et al,	Reduction of	programs	the	trial	(37%) usual care and
	2019	Readmission	(DMPs) may	research		50/215 (23%) DMP
	2017	and Death	reduce short-	were 412		patients within 30
		by Disease	term readmission	(197: control		days (relative risk [RR] 0.62, 95%
		Managemen	or death after	group, 215:		confidence interval
		t Programs	heart failure	interventio		[CI] 0.460.84), and
		in Heart	(HF)	n group)		113/ 197 (57%) usual
		Failure	hospitalizatio			care and 78/215
		ranure	n. We sought to determine			(36%) DMP patients within 90 days, (RR
			if targeting of			0.63, 9%% CI
			DMP to the			0.510.78). The
			highest-risk			predicted risk of
			patients could			death and
			improve			readmission
	j		efficiency.			(estimated from our

previously developed risk score) was similar between treatment groups (mean predicted risk 38.6 § 22.2% vs 39.4 § 21.9%; P =73) and similar across categories of predicted risk between the treatment groups. For 30-day readmission or death, patients from the 2 highest risk quintiles showed a benefit from intervention, and there was an interaction between intervention and predicted risk (P = .02). For 90-day readmission or death, most patients other than those in the
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.02). For 90-day readmission or death, most patients other than those in the
most patients other than those in the
than those in the
lowest-risk quintile benefited from the
intervention.
Intensive DMP may
reduce short-term
readmission or death, particularly in high-
risk patients
6 (Cui A nurse led This study The Randomized The mean score of
Xiaoning structured was designed samples in controlled medication
, et al, education to evaluate the impact of the research trial adherence, dietary modifications, social
the impact of a nurse-led were 96, modifications, social support, and symptom
improves education interventio control in the
self- program on n group intervention group
managemen patient self- (48) and was higher than in the
t skills and management and hospital group (48) control group at the end of the study
reduces readmissions group (46) club of the study ((p<0.01). The
hospital in rural readmission rates for
readmission Chinese HF in the intervention
in patients patients with CHF. and control group were 10.4% and
with chronic 27 1% respectively
heart failure (p=0.036).
a this program was
randomized associated with a significant reduction
and in hospital
controlled readmission. This
trial in study indicates that
China implementation of a
nurse-led education program improves
self-management and

	T	T	1	T	T	
7	(Lidia Alcoberr o, et al, 2022)	Breaking the 30-day barrier: Long-term effectiveness of a nurse- led 7-step transitional intervention program in heart failure	This study was evaluated whether the impact of a new nurse-led coordinated transitional HF program extends to longer periods of time, including 90 and 180 days after discharge.	The samples in this study were 440 participants , usual care (n=123), HF Program (n=317)	Natural experiment	clinical outcomes of rural CHF patients, who may not have regular access to cardiac management services as per metropolitan populations. There were more females in Period #2 (p = 0.025), with no other significant differences between periods. The primary endpoint was significantly reduced in the HF program group, at 90 [adjusted OR 0.31 (0.18–0.53), p < 0.001 and at 180 days [adjusted OR 0.18 (CI 0.11– 0.32), p < 0.001). Such a decrease was due to a reduction in cardiovascular (CV) and HF hospitalization. All-cause death was reduced when a double check discharge planning was implanted compared to usual care [0 (0%) vs. 7 (3.8%), p = 0.022]. A new nurse-led
						care [0 (0%) vs. 7 (3.8%), p = 0.022]. A new nurse-led coordinated transitional bundle of interventions model reduces the composite endpoint of all-cause death and all-cause hospitalization both at 90 and 180 days after a discharge for HF, also in high-risk populations. Such a decrease is driven by a reduction of CV and HF hospitalization. Reduction of all-cause mortality was also observed when the full model including a more exhaustive discharge
						planning process was implemented.
8	(Negara	Evaluating	The research	The	Randomized	The mean scores for

	ndeh,	the Effect of	aims to	samples in	clinical trial	self-care behaviors of
	Reza, et	Monitoring	reduce	this		the two groups
	al, 2019)	through	patients'	research		showed significant
	ui, 2017)	Telephone	complications	were 80		difference at the
		(Tele-	, readmission	patients,		baseline (p ¼ 0.045).
		`	rates, and health care	interventio n group (n=		The results of the analysis of covariance
		Monitoring)	expenditures,	40), control		that was used to
		on Self-Care	it is necessary	group (n=		control the
		Behaviors	to design	40).		differences in the
		and	interventions,			pretest scores of self-
		Readmission	which are			care behaviors
		of Patients	culturally			showed that the
		with Heart	appropriate			difference between
		Failure after	and based on			both groups after the
		Discharge	community needs			intervention was still
		Discharge	needs			significant (p < 0.001). The
						percentage of
						patients' readmissions
						in the intervention
						group (20%) was less
						than that in the
						control group
						(42.2%); however,
						the results were not
						statistically
						significant (p $\frac{1}{4}$ 0/066).
						This study showed
						that tele-monitoring
						improved self-care
						behaviors in Iranian
						patients with heart
						failure but did not
						reduce their
						readmission rates.
9	(Somsiri,	Effects of a	The aim of	The	This study	Functional status and
	Vasinee,	Transitional	this study is	samples	employed a	satisfaction with care
	2020)	Telehealth	to investigate the	size was calculated	quasi- experimental	scores in the TTP group were
	·	Program on	effectiveness	by using	design.	group were significantly higher
		Functional	of a TTP on	the formula	design.	than those of the
		Status,	functional	for		control group, and
		Rehospitaliz	status,	repeated		rehospitalization rates
		ation, and	rehospitalizati	measures		in the TTP group
		Satisfaction	on, and	design		were significantly
		With Care	satisfaction	based on		lower than those of
			with care in Thai patients	Naylor et al, this		the control group at 6- and 8-weeks post-
		in Thai	with HF	study, with		enrollment. Thus, the
		Patients	77111111	a		TTP effectively
		with Heart		significanc		improved functional
		Failure		e level of		status, increased
				.05, power		satisfaction with care,
				of .80, and		and reduced
				sample size		rehospitalization rates
				adjusted for		in Thai patients with

		1	,			
10	(Nakahara, M, et al, 2021)	Transitional care from the hospital to the home in heart failure: implementat ion of best practices	Assess the compliance of the implementati on of better evidence in the transitional care of the person with heart failure from the hospital to the home	a 10% attrition rate. The calculation s led to a sample size of 146. Experiment al group (n=73), control group (n=73) The samples in this research were 14 nurses and 22 patients	Implementat ion project that used the JBI method and using the tools: Practical Application of Clinical Evidence System - (PACES), an online tool for recording the processes of audit (basic and follow- up); and Getting Research into Practice (GRiP)	In the baseline audit, compliance was null with five of the six criteria. Strategies: training of nurses; reformulation of the hospital discharge form and guidance on self-care in care contexts; and making telephone contact on the 7th, 14th and 21st days after discharge. In the follow-up audit, there was 100% compliance with five of the six criteria. The project made it possible to increase the compliance of transitional care practices in people with heart failure with the recommendations based on the best evidence.
11	Mills A, et al. 2021	Impact of Heart Failure Transitions of Care Program: A Prospective Study of Heart Failure Education and Patient Satisfaction	The purpose of the study is to evaluate the impact of heart failure medication education on 30-day all-cause readmission rates and patient-reported satisfaction scores	The samples were 222 patients. Divided 2 group, control, and interventio n.	This single- center pilot study	For the primary endpoint, there were 222 patients in the treatment group compared with the control group of 941 patients. The treatment group resulted in 30 (13.5%) of the 222 patients being readmitted within 30 days compared with the control group where 186 (19.6%) of the 941 were readmitted (P = .0395). The risk reduction in odds ratio and relative risk of readmission was

12 (Basso I, 2024) 2024) Randomized clinical trial					1	
controlled study to assess the effectiveness of the supportive intervention. 13 (Isabelle, M, 2019) Discharge guidance and the samples in clinical trial patient were	2024) 13 (Isabelle	coaching intervention with home telemonitori ng for patients with heart failure: Protocol for a feasibility randomized clinical trial	aim of the study is to investigate the feasibility and acceptability of a home telemonitorin g program combined with telephone-delivered nurse-led coaching intervention. The secondary aim is to explore the feasibility of a randomized controlled study to assess the effectiveness of the supportive intervention. To evaluate	samples in this research were 45 patients (15 will be allocated to the intervention arm and 30 to the control arm)	methode, Randomized clinical trial and qualitative	One-hundred and one treatment group and 0.68 (CI = 0.48-0.98) for the control group. For the secondary endpoint, 56 patients were called 1 week after discharge, and there was no significant difference in overall patient satisfaction between groups. This study demonstrated that heart failure medication education provided by the pharmacist or pharmacy student resulted in improved patient outcomes and ultimately a reduction in 30-day all-cause readmission rates. Quantitatif Supportive programming will be provided in addition to standard care, consisting of 1) predischarge educational meetings, 2) nurse-led training sessions via telephone and 3) monitoring of vital signs via telemonitoring at home.
	101, 2019	telephone	effectiveness	this	ciinicai tiiai	randomly sorted in
telephone effectiveness tins failubility softed iii		follow-up in the	of the	research		the Control Group

		4	1. 1	201	I	1 !
		therapeutic adherence of	behavioral intervention	were 201 patients		and in the Intervention Group,
		heart failure:	of discharge	diagnosed		their average age
		randomized	guidance and	with heart		being 62.6±15.2. The
		clinical trial	telephone	failure,		Intervention Group
		cinnear triar	follow-up in	control		had higher drug and
			the	group		nondrug therapeutic
			therapeutic	(n=101),		adherence compared
			adherence, re-	interventio		to the Control Group
			hospitalizatio	n group		(p<0.001) and there
			n, and	(n=100)		were lower re-
			mortality of			hospitalization and
			patients with			death rates in the
			heart failure.			intervention group
						after 90 days.
						Discharge guidance with telephone
						with telephone follow-up was
						effective and resulted
						in greater therapeutic
						adherence, as well as
						in decrease of re-
						hospitalization and
						death rates in patients
						with heart failure.
14	(Legalloi	Improving	This research	The	Prospectivel	At 6 months, there
	s, D,	quality of	aims to	samples in this	y and	were no differences between the checklist
	2019)	care in	evaluate the usefulness of	research	retrospective cohort	and control cohorts in
		patients	a checklist in	were 103	Conort	the rates of all-cause
		with	patients	patient		mortality (10.7% vs.
		decompensa	hospitalized	(prospectiv		13.1%; P = 0.57),
		ted acute	for heart	e), quality		cardiovascular
		heart failure	failure, in	care and		mortality (8.7% vs.
		using a	terms of	outcomes		10.9%; P = 0.58) and
		discharge	mortality,	were		readmission (29.1%
		_	cardiovascula r mortality	compared with		vs. 32.1%; P = 0.62). Follow-up after
		checklist	and	retrospectiv		discharge was better
			readmission	e cohort of		planned in the
			rates, and	137		checklist group. The
			quality of	patients		use of the checklist
			care,	with the		yielded therapeutic
			including	same		optimization with a
			therapeutic	inclusion		higher dose of beta-
			optimization and care	criteria.		blockers and renin- angiotensin-
			planning			aldosterone system
			rimining			blockers, especially in
						patients with a
						reduced left
						ventricular ejection
						fraction (< 50%) (P =
			i			0.03 and $P = 0.02$,
						respectively. The use
						of a simple discharge
						of a simple discharge checklist in patients
						of a simple discharge

	1	<u> </u>	I	1	1	roadmission 1
						readmission and mortality rates;
						however, it yielded
						better quality of care,
						including therapeutic
						optimization and care
						planning.
15	(Veenis,	Remote	This research	The	Randomized	Results of
	J.F, et al,	monitoring	aimed to	samples	clinical trial	telemonitoring to date
	2020)	of chronic	prevent HF- related to	size (25		are inconsistent,
		heart failure	hospitalizatio	studies, 9332		especially those of telemonitoring with
		patients:	ns by keeping	patients) or		traditional non-
		invasive	stable HF	non-		hemodynamic
		versus non-	patients out	invasive		parameters. Recently,
		invasive	of the	telemonitor		the Cardio MEMS
		tools for	hospital and	ing (18		device (Abbott Inc.,
			focusing	studies,		Atlanta, GA, USA),
		optimizing	resources on unstable HF	3860 patients)		an implantable hemodynamic remote
		patient	patients	compared		monitoring sensor,
		managemen	patients	with		has shown promising
		t		standard		results in preventing
				HF care		HF-related
						hospitalizations in
						chronic HF patients
						hospitalized in the
						previous year and in New York Heart
						Association
						functional class III in
						the United States.
						This review provides
						an overview of the
						available evidence on
						remote monitoring in
						chronic HF patients and future
						perspectives for the
						efficacy and cost-
						effectiveness of these
						strategies.
16	(Dolu, et	A	This study	This	Qualitative	Main themes were
	al, 2021)	Qualitative	aimed to	samples	design	'confused feelings of
		Study of	explore the perspectives	were 14		safety and stress;' 'worried about being
		Older	of patients	patients, with at		left alone;' and
		Patients'	aged 65 years	least one		'disrupted healthcare
		and Family	and over and	chronic		journey.' The
		Caregivers'	their family	disease and		proactive
		Perspectives	caregivers	admitted to		rehabilitation model
		of	transitioning	the hospital		was used to elaborate
		Transitional	from hospital	for a		on the study findings
		Care from	to home in an urban area of	minimum of 3 days,		and interpret the perspectives and
			Turkey	and family		experiences of older
		Hospital to		caregivers		patients and their
		Home		were 11		family caregivers,
				participants		which can be used for
						improving the quality

		of care after discharge
		from hospital.

DISCUSSION

Transitional care was initially used as a multidisciplinary model to empower parents with vulnerable low-birth-weight neonates who had early discharge and received part of hospital care at home and then gradually used in other vulnerable groups¹⁰. An interesting finding in this literature review is the inconsistency of the relationship between transitional care and decreased patient readmission rates. These findings provide a lesson that we need to evaluate, continuously improve, and refine patient transition clinical programs in optimizing health services, especially in chronic and complex diseases such as heart failure². Although many studies show a positive correlation between the two^{6,11,14,16}, some studies do not find a significant relationship^{2,8,9,13,15}. These mixed results indicate that the success of transitional care in reducing readmissions may be influenced by a variety of complex factors that are not yet fully understood.

Some factors that may explain this inconsistency include the definition and implementation of diverse transitional care, patient characteristics, environmental factors, and data quality. One of the unsuccessful programs is due to the large number of patients who are elderly and have many comorbidities⁸. For the implementation of transitional care to be optimal, full family involvement in caring for patients is needed, self-efficacy and able to manage self-care adequately (Dolu, 2021). Moreover, poor treatment adherence and lack of self-care behaviors are significant contributors to hospital readmissions of people with heart failure (HF)³.

Findings from the studies we reviewed consistently show that effective communication between health care providers, comprehensive discharge planning, coordination of care and outpatient follow up are important components of transitional care. If these components are implemented adequately, not only will the number of readmissions decrease, but also patient satisfaction and quality of life will increase ^{11,14}. This is in line with Meleis' theory which emphasizes the importance of healthy transitions which are related to the effective mastery of roles for patients and families which are influential in the healing process ¹⁰.

Most studies in these literatures define transitional care as a comprehensive strategy that is carried out when the patient is hospitalized and followed up during outpatient treatment with effective communication and coordination.

Protocols to investigate the feasibility of the program transitional care in developing countries such as in Italy consist of pre-discharge education, nurse-led training sessions over the phone and monitoring of vital signs when patients are already home. After the patient is stable, nurses and other health workers provide material related to self-care management, the importance of activity, quality sleep, psychological problems, formal and informal support. Next, the nurse will observe and evaluate the patient's motivation to change using the Prochasca DiClemente transtheoretical theory model which consists of 5 stages, namely pre-contemplation: the patient is not yet aware of a problem that needs to be changed, contemplation: is aware of the problem but is not yet sure or able to make a change, determination: starting to prepare to make changes, action: taking action to change, maintenance: maintaining behavior changes. Next, follow-up is carried out in the form of a telephone session with the patient and their family. Moreover, nurses carry out home telemonitoring to measure body weight, blood pressure, O2 saturation in the morning before breakfast³.

However, there are still variations in communication practices, content of education, coordination, intensity of effective follow-up in various care settings and diversity of health workers providing education. One study stated that the education provided included the causes and consequences of heart failure, symptoms, treatment goals, fluid restrictions and risk factors for heart failure using leaflets and instructional videos where follow-up was carried out once a week, 1 home visit within 10 days after discharge³. Nursing staff who complete heart failure management training are given 1 hour. Education sessions for each participant whose condition is stable. Education sessions provided prior to repatriation include self-care management measures, with families encouraged to be present to discuss patient support requirements. There are six areas of intervention, related to education, self-management skills, positive feedback and interviews, social support, training, and rehabilitation. Intervention programs developed according to the theory of self-management by Norris et al carried out every 8 weeks after discharge. In addition to this, the patients in the intervention group received a 15 -30-minute telephone or face-to-face consultation every 4 weeks, before the routinely scheduled heart failure clinics until 12 months⁵.

This review of the literature shows that there is strong agreement that transitional care programs can have a positive impact on the quality of health care, self-management, and patient satisfaction with heart failure. The implementation of transitional care programs in various countries has shown consistent results in improving patients'

knowledge of their disease, self-management skills, and adherence to treatment. This is in line with nursing theories that emphasize the importance of patient empowerment and social support in the healing process^{4,11,13,16}.

Implications for nursing practice

The findings of this literature review have important implications for nursing practice. Nurses have a crucial role in the implementation of transitional care programs. Some of the implications of the practice include patient empowerment: nurses need to focus on patient empowerment by providing comprehensive health education and encouraging active patient participation. Care coordination: Nurses need to work closely with interdisciplinary healthcare teams to ensure continuity of care and good coordination. Lastly, Social support: Nurses need to provide social support to patients and their families.

Future research needs to focus on the development and evaluation of more effective and efficient transitional care programs by considering factors that affect the success of the program such as knowledge and skills, motivation, age, cultural factors, economics, and social support.

CONCLUSION

Transitional care interventions are an effective strategy to improve the quality of health care, especially in patients with chronic conditions. The implementation of a comprehensive transitional care program in hospitals needs to continue to be improved to achieve optimal results.

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