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International Journal For Research in  
Applied Science and Engineering Technology



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# **INTERNATIONAL JOURNAL FOR RESEARCH**

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

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**Volume:** 10    **Issue:** X    **Month of publication:** October 2022

**DOI:** <https://doi.org/10.22214/ijraset.2022.46841>

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# A Study to Challenges Faced by Mothers and the Coping Strategies Adopted by Them During Postpartum Period at Selected Saveetha Rural Health Centre

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**Abstract:** *The current study aims to to assess the demographic status of the mothers , level of challengesfaced by the mothers and coping strategies by them during postpartum period and to find the association between level of challenges with selected demographic variables. The quantitative approach with Experimental descriptive research design was adopted for the present study. A total of 60 postnatal mothers who met the inclusion criteria was selected by Non- probability purposive sampling technique .This study has been conducted for a interval of 1 weeks .The data was collected by self- structured questionnaire was developed to assess the challenges faced by the mothers during postpartum period and coping strategies adopted by them which covers 30 questions on the general knowledge aspects . The collected data were tabulated andanalysed by using descriptive and inferential statistics. The results revealed that variable such as occupation and type of family shows significant association with challenges faced by the postpartum mothers.*

**Keywords:** *Challenges faced by mothers ,Coping strategies ,Postpartum period.*

## I. INTRODUCTION

The postnatal phase starts as soon as the baby is born and lasts for up to 6 weeks. It matters to the mother, the child, and the entire family. The woman must undergo significant changes during this time because it may be an important and difficult time in her reproductive life [1]. 10% to 20% of women have postpartum depression [2]. But only 50% of women with the noticeable symptom receive a diagnosis[3]. "Situations in which the demands on individuals exceed their adaptive skills" are what are referred to as stressful situations. Postpartum depression is strongly correlated with postpartum stress [4]. The mood and wellbeing of mothers have repeatedly been linked to postpartum stress. Mothers typically exhibit postpartum blues symptoms in the first few days following delivery because they are adjusting to several life changes and alterations, including new patterns, home chores, and routines [5]. Numerous contributing factors have been identified by significant research, however the exact reasons of postnatal depression remain unknown. commonly recognised psychological and psychosocial risk factors, including lack of social support, marital conflict, life stress, and mother self-esteem and Multiple pregnancy also causes the depression [6] [7]. For new mothers, posttraumatic stress disorder (PTSD) has the potential to be a mental health risk. Increased PTSD symptoms have been linked to unhelpful coping mechanisms during the postpartum period, when women experience a lot of pressures, demands, and obstacles. [8]. disorders may have a negative impact on the bond between a woman and her infant, as well as on marital and family ties and child development [9]. Stress levels were higher in mothers than in fathers, and mothers' stress levels were correlated with attachment, maternal health status, average sleep duration, employment status, and family income, whereas fathers' stress levels were correlated with attachment and health status. Therefore, it is essential to have a thorough grasp of mothers' sentiments and experiences because the postpartum period is a trying time when moms want assistance [10]. Coping mechanisms are deliberate actions taken to deal with difficult circumstances. Parents use a variety of coping strategies to manage the stress of parenting. One could adopt problem-focused coping mechanisms in which they assess the unpleasant circumstance and take immediate action [11]. To be able to care for their babies at home after being released from the hospital, mothers must develop coping mechanisms. [12]. Adjustment settings Physiological, self-conceptual, role-based, and interdependent actions or responses are proven through four ways in which women's regulating and cognitive coping subsystems are activated throughout the puerperium.

The Autonomic Nervous System and the Endocrine System mediate the regulatory subsystem, and its reactions are represented in the physiological mode. [13]. Psychosocial adaptations, which frequently last much longer than 6 to 8 weeks to resolve, include changes in parental role, changes in family connections, and alterations in self-perception and body image [14]. changes in diet and exercise habits, as well as women's experiences with weight changes during pregnancy and the postpartum period and the coping mechanisms they employ [15]. The level of parental behaviour can be greatly impacted by a feeling of competence and contentment in the maternal role during the transition to parenthood. Women who felt confident in their ability to be good mothers exhibited a secure attachment style and responsive, caring nurturing behaviour, which aided the infant's growth and development. [16].

## II. MATERIALS AND METHODS

The study was conducted in saveetha rural health centre mapped, Thiruvallur district. The research approach used for this study was quantitative approach and Non-Experimental descriptive research design. The total study sample was 60 postnatal mothers were selected by Non- purposive sampling technique with the inclusion criteria of Postnatal mothers between 6 to 8 weeks, who are willing to participate the present study and who can read, write and understand English and Tamil. mothers who are not willing to participate in study. who are not available during the study period and who cannot read, write and understand English and Tamil are excluded. The study was conducted for the interval of 1 week. The permission letter was obtained from the medical officer in selected health centre and approved by the ethics committee of the institution. Informed consent was obtained by the investigator from the study samples and explained the purpose of the study to ensure better cooperation. The demographic variables and data was collected by self- structured questionnaire to assess the challenges faced by the mothers during postpartum period and coping strategies adopted by them. The collected data was tabulated and analysed by descriptive and inferential statistics. who cannot read, write and understand English and Tamil.

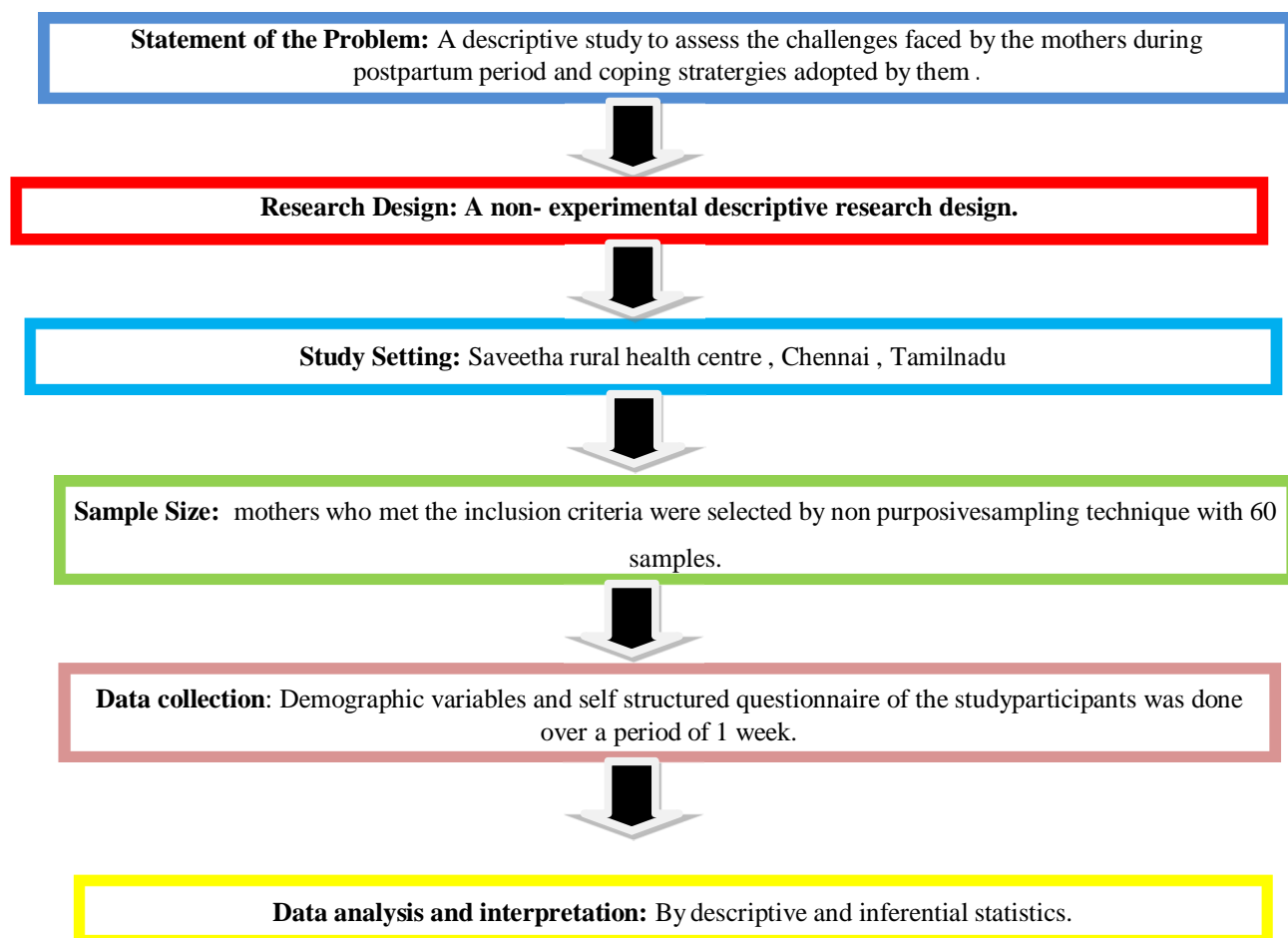


Fig:1 Schematic Representation Of Research Plan

### III. RESULTS AND DISCUSSION

- 1) *Section A:* Description of the demographic variables of the mothers Table 1: Frequency and percentage distribution of demographic variables of the mothers

Demographic Variables	Frequency (f)	Percentage(%)
Age in years		
22-23 years	26	43.3
24-25 years	18	30
26-27 years	16	26.6
Educational status of the mother		
Secondary	32	53.3
Higher secondary	12	20
Graduates	16	26.6
Post graduates	-	-
Occupation status of the mother		
Employed	26	26.6
Un employed	44	73.3
Demographic Variables	Frequency (f)	Percentage(%)
Family income		
Below 4000/-	36	60
4000/- 7000/-	14	23.3
7001/- and above	10	16.6
Religion		
Hindu	14	23.3
Muslim	20	33.3
Christian	26	43.3
Type of the family		
Nuclear	14	23.3
Joint	36	60
Conjoint	10	16.6
Area of residence		
Urban	42	70
Rural	11	18.3
Semi urban	7	11.6
Source of information		
Relatives and friends	30	50
Neighbours	26	43
Health personnel	4	6.6

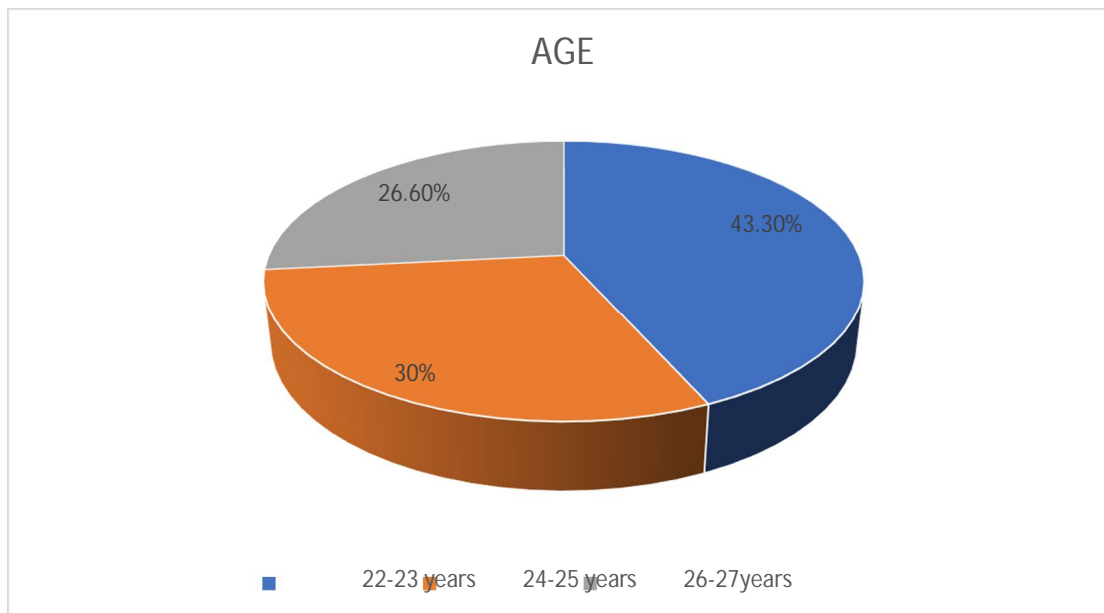


Figure1: percentage distribution age

This table 43.3 % of them were in age group of 22-23, 53.3% of them had secondary level of education , 73.3% of the mothers were unemployed , maximum of them earning , below 4,000 and 43.3 % were christian, 60 % of joint family 70% of them were of urban setup , 50% of them had information relatives

2) *Section B:* Assessment of level of challenges and coping strategies adopted by them during postpartum period

Table 2: frequency and percentage distribution of level of challenges and coping strategies adopted by them

	Level 1		Level 2		Level 3	
	No.	%	No.	%	No.	%
Level of challenges	26	43.3	20	33.3	14	23.3

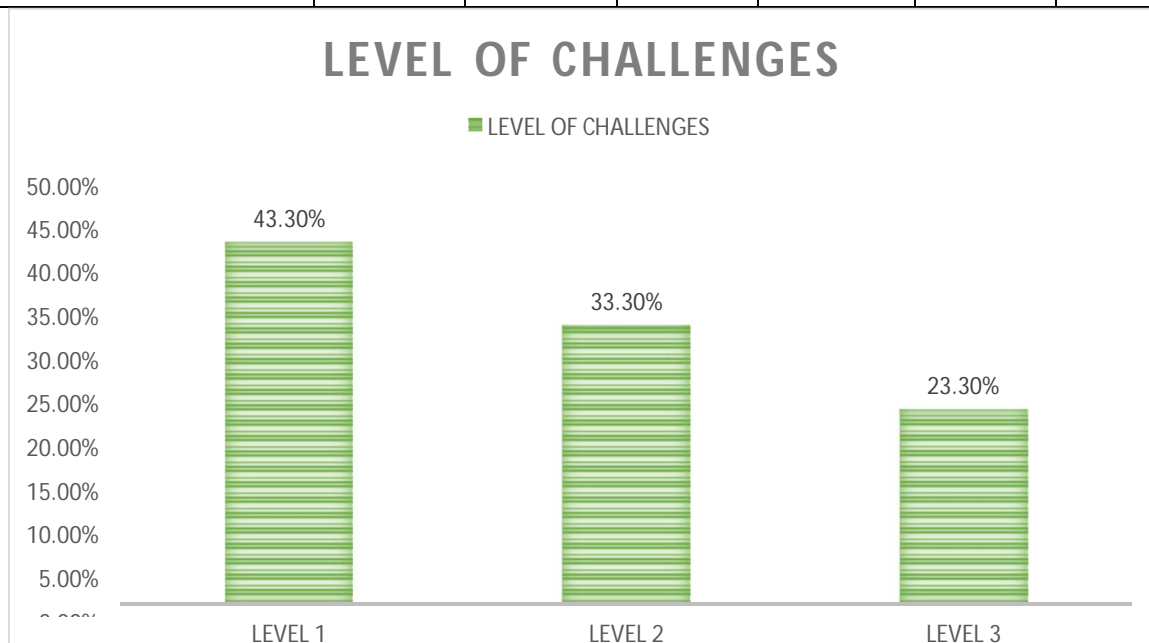


Figure 2: Percentage Distribution Level Of Challenges



This table shows that maximum of them at level 1 challenges , 33.3% are level 2 and 23.3 ofthem of level 3 challenges .

Table 3: Frequency of mean and standard deviation of level of challenges .

Challenges	Mean
Minimum Score	6
Maximum Score	28
Mean	14.62
Standard Deviation	2.49

Table 4: frequency and percentage distribution of coping strateries

	Inadequate		Moderate		Adequate	
	No.	%	No.	%	No.	%
level of coping strategies	16	26.6	22	36.6	22	36.6

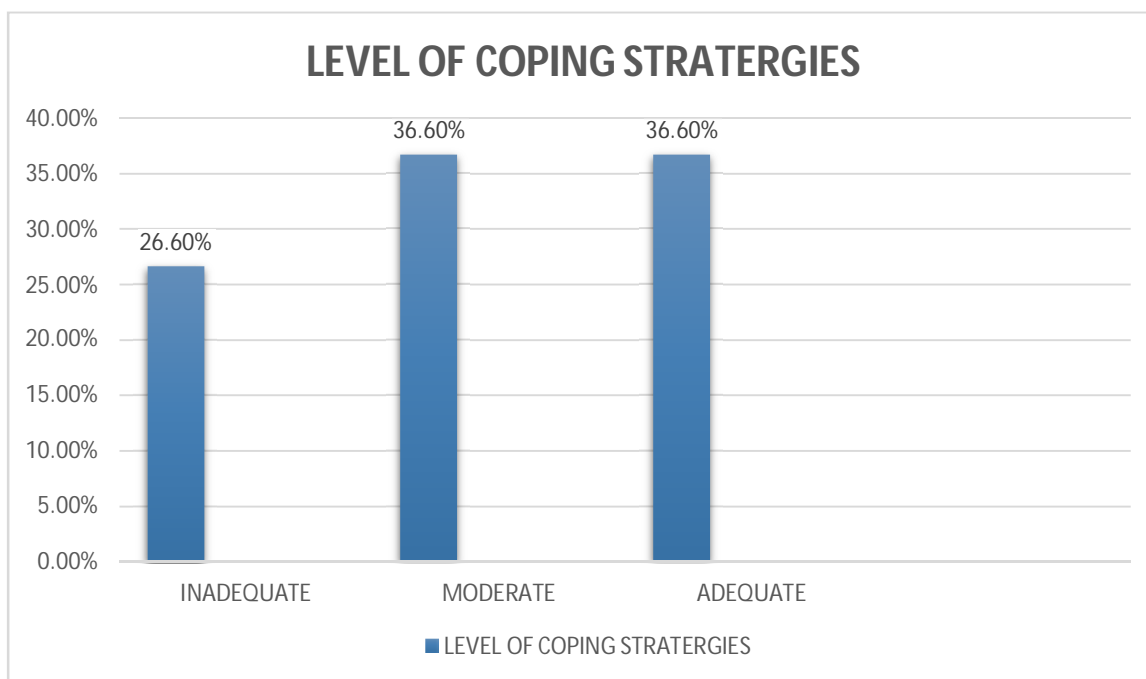


Figure 3: Percentage Distribution Level Of Coping Strategie

This table shows that about 36.6% are moderate & adequate, 26.6% are inadequate.

Table 5: Frequency of mean and standard deviation of coping strategies

Knowledge	Mean
Minimum Score	6
Maximum Score	24
Mean	3.65
Standard Deviation	12.26

### 3) Section C: Association of level of challenges with their selected demographic variables

Table 5: frequency and percentage distribution of level of challenges selected demographic variables of community health nurses

Demographic Variables	Level 1		Level 2		Level3		Chi-SquareTest
	No.	%	No.	%	No.	%	
Age in years							$\chi^2=0.158$ d.f=3 p = 0.984N.S
22-23 years	12	20	12	20	7	11.6	
24-25 years	8	13.3	4	6.6	3	5	
26-27 years	6	10	4	6.6	4	6.6	
Educational status of the mother							$\chi^2=1.178$ d.f=2 p = 0.555N.S
Secondary	9	15	9	15	6	10	
Higher secondary	11	18.3	7	11.6	3	5	
Graduates	6	10	4	6.6	5	8.3	
Post graduates							$\chi^2=2.550$ d.f=3 p = 0.466S
Occupation status of the mother	10	16.6	8	13.3	4	6.6	
Employed	17	28.3	12	20.0	10	16.6	
Un employed							
Family income	6	10	12	20	4	6.6	$\chi^2=3.146$ d.f=2 p = 0.207N.S
Below 4000/-	6	10	4	6.6	8	13.3	
4000/- 7000/-	4	23.3	4	6.6	2	3.3	
7001/- and above							
Religion	5	8.3	6	10	8	13.3	$\chi^2=2.746$ d.f=2
Hindu	20	13.3	12	20	2	3.3	

Demographic Variables	Level 1		Level 2		Level3		Chi-SquareTest
	No.	%	No.	%	No.	%	
Muslim	1	1.6	2	3.3	4	6.6	p = 0.253 N.S
Christian							
Type of the family	11	18.3	12	20	4	6.6	$\chi^2=0.690$ d.f=1 p = 0.406S
Nuclear	8	13.3	5	8.3	3	5	
Joint	7	11.6	3	5	7	11.6	
Conjoint							$\chi^2=0.238$ d.f=1 p = 0.626N.S
Area of residence	9	15	7	11.6	3	5	
Urban	6	10	4	6.6	5	8.3	
Rural	11	18.3	9	15	6	10	
Semi urban							$\chi^2=3.438$ d.f=2 p = 0.179N.S
Source of information	6	10	10	16.6	7	11.6	
Relatives and friends	8	13.3	6	10	4	6.6	
Neighbours	12	20	4	6.6	3	5	
Health personnel							

This table shows that occupation and type of family shows significant association with challenges faced by the postpartum mothers

#### IV. CONCLUSION

Based on the findings of the current study it was evident that maximum of them at level 1 challenges, 33.3% are level 2 and 23.3 of them of level 3 challenges and also occupation and type of family shows significant association with challenges faced by the postpartum mothers

#### V. ACKNOWLEDGMENT

Authors would like to appreciate all the study participants for their co-operation to complete the study successfully.

#### VI. CONFLICT OF INTEREST

Authors declare no conflict of interest.

#### VII. FUNDING SUPPORT

None.

#### REFERENCES

- [1] Nayak, S., & Shetty, P. K. (2017). A study on challenges faced by mothers and the coping strategies adopted by them during the postpartum period. *Journal of South Asian Feder Obst Gynae*, 9(4), 348-355.
- [2] Asadi, M., Noroozi, M., & Alavi, M. (2021). Exploring the experiences related to postpartum changes: perspectives of mothers and healthcare providers in Iran. *BMC pregnancy and childbirth*, 21(1), 1-8.
- [3] Jayaseelan, J., & Mohan, M. P. (2020). Coping strategies used by postnatal mothers with perceived stress. *Indian Journal of Psychiatry*, 62(4), 451-452.
- [4] Walker, L. O., & Murry, N. (2022). Maternal Stressors and Coping Strategies During the Extended Postpartum Period: A Retrospective Analysis with Contemporary Implications. *Women's Health Reports*, 3(1), 104-114.
- [5] Norliza, J., AS, S. K., Emad, A. S., & Norimah, S. (2015). Depression and coping strategies used by postnatal mothers during the postpartum period. *Malaysian Journal of Psychiatry*, 23(2), 63-72.
- [6] Clatworthy, J. (2012). The effectiveness of antenatal interventions to prevent postnatal depression in high-risk women. *Journal of affective disorders*, 137(1-3), 25-34.
- [7] Choi, Y., Bishai, D., & Minkovitz, C. S. (2009). Multiple births are a risk factor for postpartum maternal depressive symptoms. *Pediatrics*, 123(4), 1147-1154.
- [8] Cleveland, S., Thomas, J. L., Pietrzak, R. H., & Sumner, J. A. (2022). Posttraumatic stress disorder and coping strategies in the postpartum period: A symptomics approach. *Journal of Psychiatric Research*.
- [9] Razurel, C., Bruchon-Schweitzer, M., Dupanloup, A., Irion, O., & Epiney, M. (2011). Stressful events, social support and coping strategies of primiparous women during the postpartum period: a qualitative study. *Midwifery*, 27(2), 237-242.
- [10] Asadi, M., Noroozi, M., & Alavi, M. (2021). Exploring the experiences related to postpartum changes: perspectives of mothers and healthcare providers in Iran. *BMC pregnancy and childbirth*, 21(1), 1-8.
- [11] Rajgariah, R., Chandrashekarappa, S. M., Babu, K. V., Gopi, A., Ramaiha, N. M. M., & Kumar, J. (2021). Parenting stress and coping strategies adopted among working and non-working mothers and its association with sociodemographic variables: A cross-sectional study. *Clinical Epidemiology and Global Health*, 9, 191-195.
- [12] Akum, F. A. (2018). Assessment of mothers' challenges, support and coping strategies towards caring for preterm babies post-discharge from Presbyterian Hospital in Bawku Municipality, Ghana. *ARC Journal of Pediatrics*, 4(1), 14-24.
- [13] Ospina Romero, A. M., Muñoz de Rodríguez, L., & Ruiz de Cárdenas, C. H. (2012). Coping and adaptation process during puerperium. *Colombia Médica*, 43(2), 167-174.
- [14] Fahey, J. O., & Shenassa, E. (2013). Understanding and meeting the needs of women in the postpartum period: the perinatal maternal health promotion model. *Journal of midwifery & women's health*, 58(6), 613-621.
- [15] Devine, C. M., Bove, C. F., & Olson, C. M. (2000). Continuity and change in women's weight orientations and lifestyle practices through pregnancy and the postpartum period: the influence of life course trajectories and transitional events. *Social Science & Medicine*, 50(4), 567-582.
- [16] Ngai, F. W., & Chan, S. W. C. (2012). Stress, maternal role competence, and satisfaction among Chinese women in the perinatal period. *Research in Nursing & Health*, 35(1), 30-39.





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