DOI: 10.21088/jpn.2277.9035.15226.5

Journal of Psychiatric Nursing
Volume 15 Number 2 May–August 2026

REVIEW ARTICLE

Nursing Management of Postpartum Depression among New Mothers

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HOW TO CITE THIS ARTICLE:

S. Sathiya Preethi. Nursing Management of Postpartum Depression among New Mothers. J Psychiatr Nurs. 2026; 15(2): 97–102.

ABSTRACT

Postpartum depression is a common mental health condition that affects women after childbirth and has a significant impact on maternal and infant well-being. Emotional disturbances during the postpartum period may interfere with a mother's ability to care for herself and her newborn. The condition often remains unnoticed because many mothers hesitate to express their feelings due to fear, stigma, or lack of awareness. Nurses play a major role in identifying symptoms early, providing emotional support, educating family members, and ensuring appropriate treatment and follow-up care. Effective nursing management can improve the mental health of mothers and strengthen healthy bonding between mother and child. This article discusses the causes, clinical manifestations, risk factors, assessment methods, and nursing interventions related to postpartum depression among new mothers. The importance of counseling, family support, and community awareness is also highlighted.

KEYWORDS

• Postpartum Depression • Nursing Management • Maternal Mental Health • Postpartum Care • Emotional Support • Mother-Infant Bonding

INTRODUCTION

Childbirth is considered one of the most important experiences in a woman's life. Although it is usually associated with happiness and excitement, many women undergo emotional and psychological challenges during the postpartum period. Hormonal changes, physical exhaustion, social adjustments, and increased responsibilities can contribute to emotional instability after delivery. While some mothers experience temporary mood changes known as "baby blues," others develop a more serious condition called postpartum depression.[1]

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➢ **Received:** 16-05-2026 ➢ **Accepted:** 20-06-2026

Postpartum depression is a mental health disorder that occurs after childbirth and affects a mother's emotional, psychological, and social functioning. It may appear within the first few weeks after delivery or gradually develop during the first year postpartum. Mothers suffering from postpartum depression may experience sadness, hopelessness, anxiety, irritability, fatigue, sleep disturbances, poor concentration, and lack of interest in caring for themselves or their babies.[2]

The condition can negatively influence breastfeeding, infant care, family relationships, and mother-child attachment. In severe situations, untreated postpartum depression may lead to self-harm or harm to the infant. Therefore, early detection and timely nursing intervention are necessary to prevent complications and improve recovery.[3]

Nurses are often the first healthcare professionals who interact closely with mothers during pregnancy, childbirth, and the postnatal period. Their role includes psychological assessment, emotional support, patient education, counseling, and referral services. Through proper nursing management, mothers can regain emotional stability and confidence in their parenting role.[4]

NEED FOR THE STUDY

Postpartum depression is increasingly recognized as a major public health concern affecting women worldwide. Despite improvements in maternal healthcare services, mental health issues during the postpartum period are often neglected. Many mothers remain undiagnosed due to lack of awareness, social stigma, and inadequate screening practices.[5]

Women experiencing postpartum depression may face difficulties in caring for their newborns and maintaining family relationships. The emotional condition of the mother directly affects the growth and development of the child. Delayed intervention can result in long-term psychological and behavioral problems in both mother and infant.[6]

Nurses have a vital responsibility in recognizing early warning signs and providing supportive care. However, limited knowledge regarding postpartum mental health among healthcare providers and family members may reduce the effectiveness of care. Therefore, there is a strong need to improve nursing management strategies for postpartum depression.[7]

This article emphasizes the importance of comprehensive nursing care in identifying and managing postpartum depression among new mothers and promoting positive maternal and infant outcomes.

CAUSES OF POSTPARTUM DEPRESSION

Postpartum depression develops due to a combination of physical, emotional, hormonal, and social factors. The exact cause may differ from one woman to another.

Hormonal Changes

After childbirth, there is a sudden reduction in estrogen and progesterone levels, which can disturb neurotransmitters responsible for mood regulation and emotional balance. Research findings between 2020 and 2025 indicate that hormonal imbalance remains one of the major biological contributors to postpartum depression. According to the , more than 10% of women globally experience depression during pregnancy or after childbirth. During the COVID-19 pandemic period (2020–2025), the prevalence of postpartum depression increased to nearly 28.4% among mothers worldwide.[8]

Emotional Stress

New mothers often experience psychological pressure related to childcare responsibilities, fear of motherhood, lifestyle changes, and emotional exhaustion. Emotional stress has been identified as a major psychosocial factor associated with postpartum depression. Studies conducted from 2020 to 2025 showed that mothers with high stress levels and inadequate coping mechanisms were significantly more likely to develop depressive symptoms after delivery. A systematic review during the pandemic reported that social isolation and increased caregiving stress contributed to postpartum depression rates rising from 10–15% to nearly 37% in some populations.[9]

Physical Fatigue

Postpartum mothers frequently experience sleep deprivation, physical weakness, body pain, and fatigue following childbirth. These physical challenges can negatively affect mental health and emotional stability.

Research published between 2020 and 2025 revealed that inadequate sleep and prolonged exhaustion were strongly associated with depressive symptoms among postpartum women. Evidence also suggests that mothers experiencing severe sleep disturbances during the first six weeks postpartum had a significantly higher risk of developing postpartum depression compared to mothers receiving adequate rest.[10]

Lack of Family Support

Emotional and practical support from family members plays a vital role in maintaining maternal mental health. Women who receive limited support from spouses or relatives are more vulnerable to depression after childbirth. Studies conducted in India between 2020 and 2024 found that lack of family support was one of the most common risk factors associated with postpartum depression. Meta-analysis findings reported that nearly 19% of postpartum mothers in India experienced depressive symptoms, especially among women facing poor social support and relationship problems.[11]

Financial and Social Problems

Economic hardship, unemployment, social isolation, and marital conflicts can significantly increase emotional distress during the postpartum period. Research studies from 2020–2025 identified financial insecurity and poor social conditions as major contributors to maternal depression. During the pandemic, mothers facing financial difficulties and limited access to healthcare services showed increased psychological stress and anxiety. Global reports also highlighted that women are approximately 1.5 times more likely to suffer from depression than men due to combined social and biological factors.[12]

Previous Mental Health Problems

Women with a previous history of depression, anxiety disorders, or psychiatric illness have a higher probability of developing postpartum depression after childbirth. Research studies conducted between 2020 and 2025 demonstrated that mothers with earlier mental health disorders were at significantly increased risk for severe postpartum depressive symptoms. One cohort study reported that nearly 47.5% of women with postpartum depression had a previous psychiatric history, mainly depressive disorders. Additionally, studies during the pandemic showed that women with prior mental illness had 1.6–3.7 times greater risk of developing clinically significant postpartum depression.[13]

Risk Factors

Several factors increase the likelihood of postpartum depression among mothers:

- Unplanned or unwanted pregnancy
- Complicated pregnancy or childbirth
- Previous history of depression
- Poor marital relationship
- Domestic violence
- Lack of social support
- Financial difficulties
- Premature or sick baby
- Substance abuse
- Stressful life events

Recognizing these risk factors helps nurses identify mothers who require additional monitoring and support.[14]

Clinical Manifestations

Symptoms of postpartum depression may vary in intensity and duration. Common manifestations include:

- Persistent sadness or crying spells
- Anxiety and excessive worrying
- Irritability and mood swings
- Lack of interest in daily activities
- Sleep disturbances
- Appetite changes
- Feelings of guilt or worthlessness
- Difficulty bonding with the baby
- Poor concentration and decision-making
- Fatigue and low energy
- Thoughts of self-harm or suicide in severe cases

Some mothers may hide their symptoms due to fear of criticism. Therefore, nurses should observe behavioral and emotional changes carefully.[15]

Diagnosis and Assessment

Early assessment is essential for identifying postpartum depression and preventing complications.

Clinical Interview

Healthcare professionals should conduct a detailed interview to assess emotional status, family support, and coping abilities.

Observation

Nurses should observe the mother's behavior, interaction with the infant, sleep patterns, appetite, and emotional responses.

Screening Tools

Standardized screening scales such as the Edinburgh Postnatal Depression Scale (EPDS) can be used to evaluate depressive symptoms.[16]

Mental Status Examination

Assessment of mood, thought process, memory, concentration, and suicidal ideation is important in severe cases.

Family Assessment

Understanding family relationships and available support systems helps in planning individualized care.

Nursing Management of Postpartum Depression

Nursing management focuses on early identification, emotional support, education, counseling, and coordination of care.

Assessment of Mental Health Status

Nurses should regularly assess emotional well-being during postnatal visits. Identifying symptoms at an early stage improves treatment outcomes.

Establishing Therapeutic Communication

A supportive and nonjudgmental approach encourages mothers to express their feelings freely. Active listening and empathy help reduce emotional distress.

Providing Emotional Support

Mothers should be reassured that postpartum depression is a treatable condition. Emotional encouragement improves confidence and coping ability.

Health Education

Nurses should educate mothers and family members regarding symptoms, causes, treatment options, and the importance of seeking help.

Promoting Adequate Rest and Nutrition

Proper sleep, balanced diet, and hydration are necessary for physical and emotional recovery. Nurses should encourage healthy lifestyle practices.

Encouraging Mother-Infant Bonding

Activities such as breastfeeding, skin-to-skin contact, and infant care participation help strengthen emotional attachment.

Counseling and Stress Management

Relaxation techniques, stress reduction methods, and supportive counseling help mothers manage anxiety and emotional tension.

Family Involvement

Family members should be encouraged to provide emotional and practical support. Educating spouses and relatives improves understanding and reduces stigma.

Referral Services

Mothers with severe symptoms should be referred to psychiatrists, psychologists, or mental health specialists for further evaluation and treatment.

Medication Management

In some cases, antidepressant medications may be prescribed. Nurses should monitor adherence, side effects, and treatment response.

Follow-Up Care

Regular follow-up visits are essential to monitor recovery and ensure continuity of mental health support.[17]

Role of Nurses in Prevention

Nurses contribute significantly to preventing postpartum depression through education, screening, and supportive care.

Antenatal Education

Providing information during pregnancy regarding emotional changes after childbirth helps mothers prepare mentally for motherhood.

Early Screening

Routine mental health assessment during antenatal and postnatal periods helps identify women at risk.

Community Awareness

Nurses can conduct awareness programs in communities and healthcare settings to reduce stigma associated with maternal mental health disorders.

Support Groups

Encouraging mothers to participate in support groups promotes emotional sharing and social interaction.

Home Visits

Community health nurses can perform home visits to assess maternal adjustment and provide counseling when necessary.

Impact of Postpartum Depression

Untreated postpartum depression can affect both the mother and the child.

Effects on Mother

- Reduced self-esteem
- Social withdrawal
- Poor physical health
- Increased risk of chronic depression
- Difficulty performing maternal responsibilities

Effects on Infant

- Poor mother-infant bonding
- Delayed emotional development
- Feeding difficulties
- Sleep disturbances
- Behavioral problems in later childhood

Effects on Family

- Marital conflicts
- Family stress
- Reduced quality of family relationships

Early nursing intervention can reduce these negative outcomes and promote family well-being.[18]

Challenges in Managing Postpartum Depression

Several barriers may interfere with effective management:

- Lack of awareness among mothers and families
- Social stigma related to mental illness
- Limited mental health services
- Inadequate screening in healthcare settings
- Shortage of trained mental health professionals
- Fear of judgment or discrimination

Addressing these challenges requires multidisciplinary collaboration and public awareness initiatives.[19]

Recommendations

1. Routine mental health screening should be included in postnatal care.
2. Nurses should receive training in maternal mental health assessment and counseling.
3. Awareness programs should be organized to educate families about postpartum depression.
4. Emotional support services and counseling centers should be made accessible.
5. Community-based maternal mental health programs should be strengthened.
6. Family participation in postpartum care should be encouraged.
7. Further research should be conducted to improve nursing interventions for postpartum depression.

CONCLUSION

Postpartum depression is a serious mental health condition that affects many women after childbirth and influences the well-being of the entire family. Emotional distress during the postpartum period may interfere with maternal responsibilities, infant care, and healthy bonding. Early recognition and timely nursing intervention are essential for effective management.

Nurses play a key role in assessing emotional health, providing psychological support, educating families, and promoting recovery. Compassionate nursing care helps mothers regain confidence, improve coping abilities, and develop positive relationships with their infants. Strengthening mental health awareness, routine screening, and family support systems can significantly reduce the burden of postpartum depression and improve maternal quality of life.

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