Immigrant and refugee women’s post-partum depression help-seeking experiences and access to care: a review and analysis of the literature

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Accessible summary

- This literature review on post-partum depression (PPD) presents an analysis of the literature about PPD and the positive and negative factors, which may influence immigrant and refugee women’s health seeking behaviour and decision making about post-partum care.

- A critical review of English language peer-reviewed publications from 1988 to 2008 was done by the researchers as part of a qualitative research study conducted in a western province of Canada. The overall goal of the study is to raise awareness and understanding of what would be helpful in meeting the mental health needs of the immigrant and refugee women during the post-partum period.

- Several online databases were searched: Cumulative Index to Nursing and Allied Health Literature (CINAHL), PsycINFO, MEDLINE (Ovid), EBM Reviews – Cochrane Database of Systematic Reviews.

- Review of the literature suggests:
  1. Needs, issues and specific risk factors for PPD among immigrant and refugee women have been limited.
  2. Descriptive accounts regarding culture and PPD are found in the literature but impact of cultural factors upon PPD has not been well studied.
  3. Few studies look at how social support, gender, and larger institutions or organizational structures may affect immigrant and refugee women’s help-seeking and access to mental health care services.
  4. More research is needed to hear the immigrant and refugee women’s ideas about their social support needs, the difficulties they experience and their preferred ways of getting help with PPD.

Abstract

This review and analysis of the literature is about the phenomenon of post-partum depression (PPD) and the barriers and facilitators, which may influence immigrant and refugee women’s health seeking behaviour and decision making about post-partum care. As part of a qualitative research study conducted in a western province of Canada a critical review of English language peer-reviewed publications from 1988 to 2008 was undertaken by the researchers. The overall goal of the study is to raise awareness and understanding of what would be helpful in meeting the mental health needs of the immigrant and refugee women during the post-partum period. Several online databases were searched: Cumulative Index to Nursing and Allied Health Literature (CINAHL), PsycINFO, MEDLINE (Ovid), EBM Reviews – Cochrane Database of Systematic Reviews. Findings suggest: (1) needs, issues and specific risk factors for PPD among immigrant and refugee women have been limited; (2) descriptive accounts regarding
culture and PPD are found in the literature but impact of cultural factors upon PPD has not been well investigated; (3) few studies examine how social support, gender, institutional and organizational structures present barriers to the women’s health seeking behaviour; and (4) additional research is required to evaluate immigrant and refugee women’s perspectives about their social support needs, the barriers they experience and their preferred support interventions.

Introduction

This literature review on post-partum depression (PPD) presents an analysis of the literature about (1) the phenomenon of PPD; and (2) barriers and facilitators that may influence immigrant and refugee women’s health seeking behaviour and decision making about post-partum care. A critical literature review of English language peer-reviewed publications from 1988–2008 was undertaken by the researchers as part of a qualitative research study conducted in a western province of Canada. The overall goal of the study is to raise awareness and understanding of what would be helpful in meeting the mental health needs of the immigrant and refugee women during the post-partum period. Several online databases were searched: Cumulative Index to Nursing and Allied Health Literature, PsycINFO, MEDLINE (Ovid), EBM Reviews – Cochrane Database of Systematic Reviews. The reference lists of retrieved articles were perused to identify influential authors and seminal studies. Studies conducted outside of Canada should be considered and interpreted according to the Canadian context.

The key words used for the initial search were: immigrant and refugee women, post-partum depression, and mental health care.

Post-partum depression background

The number of immigrants and refugees coming to Canada from non-European countries has increased significantly over the past several decades. There are over 31 million people living in Canada. Among them, over six million are immigrants (Statistics Canada 2007). According to the 2006 Census of Canada, Alberta has a population of over three million, of which 33.8% are immigrants. In Calgary, Alberta, immigrants make up 22.2% of the total population. Alberta is also home to 27 100 refugees, 11 800 of whom live in Calgary (Statistics Canada 2007). Past studies show that immigrants and refugees are more susceptible to mental illness because of potential mental health stressors, such as pre-migration experience, intolerable memories, acculturation, unemployment, and structural characteristics of the new society that oppress or limit opportunities for newcomers (Beiser 2005).

Moreover, studies reveal that many immigrant and refugee women suffer serious mental health problems such as depression, post-traumatic stress disorders, suicide, and psychosis (Shepherd 1992, Thurston & McGrath 1993, Cheung & Lin 1999, Li & Browne 2000, Bhui et al. 2003). How best to assist these escalating numbers of immigrant and refugee women to adapt to their new environment and to cope with mental illness such as PPD is a pressing issue for health care providers (Morrow & Chappell 1999, Meadows et al. 2001, Beiser 2005).

Post-partum depression has been described as a ‘thief that steals motherhood’ that is, it robs women of happiness during the first several weeks and months as new mothers (Beck, 2006, p. 40). Post-partum depression is a serious illness which can have long-lasting traumatic effects on a woman and her family; however, it is treatable (Small et al. 2003, Logsdon et al. 2006, Mechakra-Tahiri et al. 2007, Beck 2008b). Therefore, early detection and treatment of the problem is both valuable and important.

Until recently PPD research was focused more on the population as a whole and not specifically on the needs and issues of refugee and immigrant women (Kumar 1994, Bostock et al. 1996, Dennis et al. 2004, Goyal et al. 2005, Diaz-Granados et al. 2006, Stewart et al. 2008). Research on specific risk factors for PPD among immigrant and refugee women has been limited (Small et al. 2003, Zelkowitz et al. 2008). From the few qualitative studies done, the most commonly identified risk factors are lack of social support, multiple roles, stressful life events, and language barriers (Katz & Gagnon 2002, Small et al. 2003, Dennis 2004, Zelkowitz et al. 2004).

Global phenomenon


Affonso et al. investigated differences in post-partum symptoms among an international sample of 892 women
from nine countries and representing five continents. The Edinburgh Postnatal Depression Scale (EPDS) was used in this study to measure the risk of PPD. The study revealed that samples of Australia and the western European countries such as Sweden have the lowest levels of symptoms. While it is unclear why Australian women score low on the EPDS, Wickberg & Hwang (1996) found significant state support for Swedish women after childbirth including paternity leave. Mid-range levels were found in American women. The researchers postulate that advances in assessment, as well as education and treatment programmes in Western countries may buffer these women from depressive symptomatology and be responsible for the lower rates compared to high-risk countries. The highest levels of PPD are found in selected Asian and South American sites. Within these sites it is suggested that PPD may not be fully recognized as a health concern or illness. Kumar (1994) asserts that the physiology of pregnancy and childbirth is the same globally. However, the event is conceptualized and experienced differently by mothers and their community. Traditional Asian healing practices differ from Euro-American practices in that the focus is on achieving harmony and balance of internal and external forces (Fitch 2002). It has been established that some Asian women somatize their depressive symptoms (Kleinman 1996) thereby referring to their depressed feelings as wind inside the head (Lee et al. 2001) or express emotional problems as physical or childcare issues (Yoshida et al. 1997). Halbreich & Karkun’s (2006) literature review on the prevalence of PPD from 143 studies in 40 countries reveals that there is a broad range of reported prevalence ranging from 0% to about 60% and that the widely cited mean prevalence of 10–15% is not the actual representation of the magnitude of this global problem.

Oates et al. (2004) conducted research in 11 countries to explore whether PPD is universally recognized and to enquire into new mothers’, fathers’ and health professional perceptions of appropriate health services available. The authors concluded that participants described a morbid unhappiness comparable to PPD; however, concerns were raised about the cross-cultural equivalence of PPD, and whether it was an illness remediable by health interventions.

Risk factors of post-partum depression

The exact cause of PPD remains uncertain, with general consensus suggesting there are psychological and psychosocial factors that predispose women to this condition (Dennis & Creedy 2007, Dennis & Letourneau 2007, Stewart et al. 2008, Beck 2008a). There is little evidence to support a biological origin (O’Hara 1997, Beck 2008a). All women are at risk of developing PPD following childbirth (Robertson et al. 2004). Women who have one or more of the risk factors outlined below have a significantly higher chance of experiencing PPD.

Robertson et al. (2004) synthesized two meta-analyses conducted by Beck (2001) and O’Hara & Swain (1996) incorporating over 70 studies to summarize potential risk factors. Predictors are identified in order of magnitude: (1) strong to moderate risk factors – depression or anxiety during pregnancy, past history of depression, recent life stress, lack of social support; (2) moderate risk factors – high levels of childcare stress, marital relationship, neuroticism, low self-esteem, difficult infant temperament; (3) small risk factors – obstetric and pregnancy complications, socio-economic status (SES). It is of interest to note the following factors which were not associated with PPD: maternal age when the mother is over 18 years of age (although the incidence is much higher in teenage mothers), length of relationship with partner, parity, and education level (Robertson et al. 2004).

Migration

Past research has indicated migration status as a risk factor for depression during pregnancy and in the post-partum phase (Hyman & Dussault 2000, Mechakra-Tahiri et al. 2007, Zelkowitz et al. 2008). Little attention, however, has been focused on the relationship between immigration and PPD (Small et al. 2003). Immigrant and refugee women are exposed to significant risk factors that may affect mental health such as marginalization and minority status, pre-migration experience, intolerable memories, socio-economic disadvantage, poor physical health and difficulty adapting to host cultures (Dhoooper & Tran 1998, Ziguras et al. 1999, Li & Browne 2000, Thompson 2000, Bhui et al. 2003, O’Mahony 2005). Although they may be at risk for poor health in the post-partum period, studies show that these women have difficulty meeting their mental health care needs and do not necessarily get the care they need even when health care is universally available (Morrow & Chappell 1999; Sword et al. 2006, Donnelly & McKellin 2007, O’Mahony & Donnelly 2007a).

Battaglini et al. (2001) investigated factors associated with immigration and perinatal risk of 91 immigrant and refugee women in eastern Canada. Their findings suggest that factors (arising from migration) such as social isolation, poverty, stress caused by war or persecution from country of origin and loss of family through immigration negatively impact the perinatal period. Zelkowitz et al. (2008) examined differing trajectories from pregnancy to post-partum and found that immigrant women who were not depressed prenatally but had developed post-partum depressive symptomatology showed various predisposing
risk factors during pregnancy. These included pre-migration stress, high perinatal anxiety and numerous somatic complaints. Zelkowitz et al. (2004) also found in previous research that stress associated with migration (housing difficulties, discrimination and prejudice issues, changes in income) were more common among immigrant women scoring 12 or higher on the EPDS.

Lack of social support
Psychosocial factors such as lack of support from formal and informal sources have been well documented as contributing causes (Bernazzani et al., 1997, Beck 2001, Cairney et al. 2003, Robertson et al. 2004, Sword et al. 2006, Dennis & Letourneau, 2007). Although the concept of social support has a range of definitions, it is usually classified as either perceived or received support. Social support is also grouped as one of three essential types, each of which may be experienced as positive or negative: (1) emotional (e.g. feeling loved, cared for and valued); (2) informational (e.g. advice or guidance is given); and (3) instrumental (e.g. tangible help or assistance with tasks) (Broadhead et al. 1989, Orr 2004). Social support is also a recognized determinant of psychological and physical health which may affect health-related beliefs and behaviours (Thornton et al. 2006, Dennis & Hodnett 2008).

It is widely established that women with less support also report increased symptoms of depression (Seguin et al. 1999; Forman et al. 2000, Dennis & Ross 2006, Letourneau et al. 2007). There have been consistent findings in epidemiological and meta-analyses studies that suggest lack of social support significantly increase the risk of PPD (Forman et al. 2000, Beck 2001, Dennis 2003). It is thought that during stressful times receiving support from family and friends is a protective factor against depression (Brugha et al. 1998). Analyses in predictive studies reveal that the following factors increase the likelihood of PPD: (1) social isolation (Small et al. 1997, Barclay & Kent 1998); (2) lacking friends or close confidants/partners (Logsdon & Usui 2001, Cairney et al. 2003, Dennis & Ross 2006); (3) lack of perceived support from primary social network group (Brugha et al. 1998); and (4) not having someone to share feelings with who has experienced a similar problem (Dennis & Letourneau 2007). In Canadian women, lower social support has been found to be an important predictor of PPD (Dennis et al. 2004, Dennis & Ross 2006).

Limited financial resources
Seguin et al. (1999) reported in a Canadian longitudinal study that low SES new mothers were more likely to experience higher depressive symptoms in the second month post-partum than higher SES mothers. They found that chronic stresses (lack of money for daily needs, maternal and infant health issues, conflicts in social networks) coupled with poor social support were associated with PPD symptomatology. Many studies have suggested that low income, unemployment and financial strain have a predictive relationship to PPD (Sword 1997, Seguin et al. 1999; Beck 2001, Boyce 2003). Sword & Watt (2005) examined learning needs and SES at time of discharge from hospital and at four weeks post-partum. Learning needs included breast feeding, bottle feeding, infant care and behaviour, maternal physical and emotional changes, and family planning. Women of low SES were significantly more likely to report unmet learning needs (nine out of ten areas) as compared to women of higher SES. Recently, Kurtz Landy et al. (2008) compared socio-economically disadvantaged post-partum women’s health, health service needs and utilization patterns with those of higher socio-economically advantaged post-partum women. Findings within this study of 1000 Canadian post-partum women reveal that socio-economically disadvantaged women were (1) less likely to report very good health; (2) more likely to be discharged from hospital <24 h; and (3) had increased rates of PPD symptoms (Kurtz Landy et al. 2008).

Social isolation
Immigrants may be at a higher risk because they are separated physically and culturally from their support systems. Studies often demonstrate that new immigrant mothers report feeling socially isolated and overwhelmed (Barclay & Kent 1998, Katz & Gagnon 2002, Robertson et al. 2004). Zelkowitz & Millet (1995) reported from a screened sample of 1559 childbearing women at six weeks post-partum that immigrant women living in Montreal had a 9.4% higher risk of depression compared to Canadian-born women (5.5%). Stewart et al. (2008) found similar results comparing post-partum newcomer women and Canadian-born women. Not only did they find newcomer women were at more risk for PPD, but that all groups of newcomer women with elevated EPDS scores had lower social support scores. Barclay & Kent (1998) pointed out that the new immigrant mother’s difficulties are exacerbated because they often come from cultures where women are held in high esteem, valued and supported during this period in their life. Similarly, Oates et al. (2004) found that immigrant mothers may find themselves without a support net where normally they would have found recognition, nurturing and assistance within their culture.

Stuchberry et al. (1998) found that the type of social support and its significance vary according to the mother’s cultural background. Culture may create expectations of support and even contribute to the woman’s high expectations and her consequential feelings of failure. Stuchberry
et al. concludes that cultural factors intervene between social supports and PPD. Therefore, it is not surprising that childbearing immigrant and refugee women may be at considerable risk of PPD because of new environment stressors such as language barriers, separation from extended family and financial difficulties (Logsdon et al. 2000, Katz & Gagnon 2002, Zayas et al. 2002, Zelkowitz et al. 2004, 2008, Teng et al. 2007, Stewart et al. 2008).

Post-partum depression screening

Cox et al. (1987) developed a 10-item self-report scale EPDS to screen for PPD in the community. Scores below 10 indicate low risk with regular follow-up with the community health nurse and physician. Scores above the cut-point (a set marker) of 10 indicate mothers at risk. Mothers with scores greater than 10 should be referred to their physician and post-partum support services for further follow-up. Evidence from screening by means of the EPDS indicates higher risks and prevalence of PPD (Sword et al. 2006, Stewart et al. 2008, Zelkowitz et al. 2008). Even though this is a valid screening tool for identifying women who are at risk for PPD it should be noted that it does not constitute a psychiatric diagnosis of depression (Zelkowitz et al. 2004).

The EPDS is widely used to assess maternal depression subsequent to childbirth in many English speaking countries and is increasingly being used through translated versions in non-English speaking countries (Small et al. 2007). Small and colleagues compared English speaking and non-English speaking sample populations of post-partum mothers in Australia to test the performance of the EPDS. They concluded that the EPDS was an effective tool with good item consistency and stability in factor patterns across the samples. In other words, the scale is understood and completed similarly by women in these different groups. However, the authors do specify that careful translation processes and piloting of translations are always necessary.

Edinburgh Postnatal Depression Scale in the Canadian context

Most Canadian nurse researchers investigating PPD have used the EPDS (Dennis 2004, Dennis & Boyce 2004, Dennis & Ross 2006, Clarke 2008, Stewart et al. 2008). Presently, community health nurses in Alberta Health Services use the EPDS in secondary prevention of PPD at the 2-month clinic appointment. Cut-point scores of 10–11 in English or translated Punjabi indicate further follow-up to appropriate resources and communiqué to the physician. Scores >12 in English and Punjabi and scores >10 in translated Chinese, Arabic, Vietnamese or Spanish also indicate higher risk for PPD and therefore referral to post-partum support services and the physician. As part of the assessment to universal PPD screening the community health nurse also assesses post-partum coping and adjustment by observing maternal and parental behaviours, and as needed, asks key questions about activities of daily living such as sleeping, eating and perceived available support (Alberta Health Services-Child & Youth Community Health Services-Well Child Services 2008).

Recent research by Zelkowitz et al. (2008) found that 37.7% of the 106 immigrant women in their community sample collected in Canada scored above the cut-point on the EPDS. Stewart et al. (2008) also found immigrant women (35.1%) and refugee women (25.7%) were significantly more likely than Canadian women to score above the cut-point in the EPDS. A further sample of 1250 women (approximately one-third born outside of Canada) was assessed by Sword et al. (2006) in Ontario. This study found that 15% of the immigrant women scored above the cut-point as compared with 7% of Canadian-born women. Furthermore, immigrant women reported that they experienced poorer overall health in the first four weeks post-partum than women born in Canada. In spite of the greater likelihood of PPD coupled with poorer health, these same immigrant women were no more likely to ask for help than women born in Canada for their physical and emotional problems (Sword et al. 2006). Researchers in Vancouver found immigrant women were at greatest risk of developing persistent PPD from 1 to 8 weeks after childbirth (Dennis & Ross 2006).

Intervention and treatment options

Treatment may be divided into three key areas: support groups, psychopharmacologic treatment and interpersonal psychotherapy. A systematic review of 21 randomized controlled trials of preventative interventions was conducted by Boath et al. (2005) with five of the studies focusing on support groups. Of the five studies, two found the intervention reduced depressive symptoms whereas the other three trials did not detect a decrease. Psychopharmacologic options may be used for acute PPD which includes a combination of antidepressant medications and psychotherapy (Wallington 2003, Beck 2006, Dennis & Creed 2007). Most common groups of antidepressant medications to treat PPD are specific serotonin reuptake inhibitors which include fluoxetine (prozac), sertraline (zoloft), paroxetine (paxil), and tricyclic antidepressants such as tofranil (imipramine) and elavil (amitriptyline) (Wisner et al. 1999).
Stuart & O’Hara (1995) suggested that disruption in relationships may contribute to PPD. In their study, interpersonal psychotherapy, which is a short-term therapy with a focus on relationships, was found to reduce depressive symptoms in the early post-partum period. In a similar study, Zlotnick et al. (2001) also found that this therapy reduced symptoms early in the post-partum period but longer term impact remains unclear. In Dennis’s (2003) literature review there is continuing evidence indicating favourable results with lowered depressive scores and significant changes reported by participants (Stuart & O’Hara 1995, Spinelli 1997, O’Hara et al. 2000, Klier et al. 2001).

Findings have consistently suggested the importance of psychosocial factors and the salience of social supports, and therefore a variety of psychosocial and psychological interventions have been developed (Dennis & Creedy 2007). Interventions include cognitive-behavioural therapy with or without antidepressants (Appleby et al. 1997, Cooper et al. 2003), telephone-based peer support (Dennis 2003), non-directive counselling (Wickberg & Hwang 1996) and interpersonal psychotherapy (O’Hara et al., 2000, Zlotnick et al. 2001, Beck 2006). Psychopharmacologic options may be used for acute PPD which includes a combination of antidepressant medications and psychotherapy (Wallington 2003, Beck 2006, Dennis & Creedy 2007).

Dennis & Kingston (2008) recently conducted randomized controlled trials of telephone support for pregnant and early post-partum women from countries such as Canada, the UK, Australia and the USA. The systematic review included 14 studies involving 8037 women to assess the effects of telephone-based support on PPD, low birth weight, preterm birth, breastfeeding and smoking. Overall preliminary results show that proactive telephone support may (1) decrease depressive symptomatology; (2) increase duration of breast feeding; (3) reduce the risk of low birth weight; and (4) aid in smoking relapse. The authors suggested there may be a role for telephone support in improving outcomes among pregnant and new mothers (Dennis & Kingston 2008).

Beck (2008a) conducted an integrative review of PPD research and found inconsistent findings reported in the interventions studies done by nurse researchers. For example, educational material such as pamphlets, videos or both provided to adolescent mothers (n = 128) in the pre-natal and post-natal period did not lessen their depressive symptoms (Logsdon et al. 2005). Webster et al. (2003) conducted a randomized controlled trial that provided educational materials to women screened as high risk for PPD. They noted no statistically significant improvement in the intervention group. In contrast, Heh & Fu (2003) using a randomized controlled study reported statistically significant improvement in Taiwanese women who received informational material. This area of intervention strategies continues to be underdeveloped and more research is essential (Beck 2008a). Future research needs to focus on intervention strategies that have been developed in collaboration with immigrant women. This will further the understanding about PPD care and provide significant information about immigrant and refugee women’s support needs and their preferences.

**Barriers and facilitators to help-seeking among immigrant and refugee women**

New immigrants are ten times more likely than Canadian-born individuals to identify barriers related to individual circumstances such as transportation, cost, and lack of information on where and how to access health care services (Canadian Research Institute for the Advancement of Women (CRIAW) 2002, Sanmartin & Ross 2006). Teng et al. (2007) identified two main types of barriers to access post-partum care for recent immigrant women, from a health care provider’s perspective: practical barriers and culturally determined barriers. Practical barriers include language difficulties, unfamiliarity with how and where to access health care services, low SES and childcare issues (Neufeld et al. 2002, Steele et al. 2002, Wu et al. 2005).

**Cultural influence**

Culturally determined barriers include fear of stigma and lack of validation of depressive symptoms within family and ethnic community. Mental illness is heavily stigmatized in many cultures (Morrow & Chappell 1999; Holopainen 2002, Dennis & Chung-Lee, 2006, Teng et al. 2007). For example, in some cultures there is perception that it is inappropriate to seek out external help for depressive symptoms. Post-partum depression may not be viewed as a medical problem and therefore medical assistance is not considered appropriate (Holopainen 2002, Rodrigues et al. 2003, Ugarriza 2004, Teng et al. 2007). Rodrigues and colleagues found that Asian Indian mothers suffering from PPD perceive their symptoms as normal, natural effects of childbirth and therefore they are unlikely to access health care services. Studies of Asian Indian communities indicate that maternal depression often goes unrecognized and as a result, the mother remains alone and isolated within her own family (Bostock et al. 1996, Goyal et al. 2005). Some studies have shown that the shame, stigma and fear of being mentally ill are significantly strong predictors of whether immigrant and refugee women will seek help or not (Whitton et al. 1996, Rodrigues et al. 2003). For
example, the role of informal social support within Asian families is highly regarded and the majority of Asian immigrants would rather seek help for mental health problems from family members and friends rather than from a health care provider (Cheung & Lin 1999, Li & Browne 2000).

Descriptions of the cultural aspects of the post-partum experience may be found in the literature (Kirmayer 1989, Affonso et al. 2000, Amankwaa 2003, Oates et al. 2004, Zelkowitz et al. 2004); however, research on the impact of cultural factors upon PPD is limited (Bina 2008). Bina conducted a comprehensive literature review globally and found 70 articles on culture and post-partum women; however, only 14 articles investigated the impact of cultural factors on PPD. This is quite noteworthy since cultural factors can greatly influence PPD. Findings revealed that cultural traditions and rituals were alleviating factors on PPD in many of the studies, and lack of cultural tradition could lead to increased depression. Dankner et al. (2000) examined social, cultural and religious factors underlying PPD and found that greater religiosity was associated with a decreased risk of post-partum depressive symptoms. It is also important to note that it is dependent on the mother’s perception of tradition during the post-partum period. It was suggested that the cultural tradition of ‘doing the month’ (mandating new mothers to rest for a month while extended family offer emotional and practical support) offered protection from the risk of PPD. Heh et al. (2004) noted that this traditional ritual is protective only if support meets the women’s actual needs. Unwanted emotional support from parents-in-law or rituals not being viewed as helpful by the mother may offset benefits of assistance and even contribute to developing depressive symptoms in Taiwanese women. Their study emphasized that support during transition to motherhood needs to be perceived as support by the mother. Therefore, cultural values and social practices provide positive and negative impacts which influence the women’s responses to health and accessing mental health services.

Gender roles as barrier

Gender has been well established as being a determinant of health and is interlinked with biological and social determinants (Health Canada 2003, Spitzer 2005). Gender analysis has been identified as particularly relevant and helpful in immigrant research. In addition, gender sensitive research has become more focused on the notion of intersectionality, meaning that gender is experienced by women at the same time as their experiences of class, race and sexual orientation and any other forms of social difference. Forms of oppression and inequity are viewed as inseparable and are reinforced by each other as they interact (Varcoe et al. 2008). Barriers in access to services are often explained as cultural differences rather than the social structures that may prevent full participation by immigrant women with norms, values, and beliefs that differ from the mainstream population (Nazroo 1998, Thurston et al. 2006). Gender is also a complex variable because of the changeable and dynamic nature of social and cultural systems. Viewing through a gender lens one can determine different exposures to particular risks, different help-seeking patterns and differential impacts of social and economic determinants of health (Greaves et al. 1999). The cultural and social environment affects immigrant and refugee women’s responses in accessing and using mental health services (Morrow & Chappell 1999; British Columbia Center of Excellence for Women’s Health 2003).

Female gender roles often require women to be accountable for a disproportionate amount of domestic work, rearing of children, attending to family social relations and employment outside the home (Anderson & Reimer Kirkham 1998, Spitzer 2004). The role of gender influences the immigrant women in her everyday experiences and might limit or make it impossible to even consider accessing help for mental health needs. The multiple changing roles of immigrant women situate them in a vulnerable, high-risk position. The shifting of the gender roles and the underlying power relations within the family greatly influences the immigrant woman’s access to mental health care services. (Greaves et al. 1999, Kinnon 1999, Jiwani 2001).

A relevant study revealed that immigrant women’s health care behaviour is influenced by their cultural knowledge and values, their SES, social support networks, gender roles and expectations (O’Mahony & Donnelly 2007b). Spitzer (2005) also found that health service utilization is influenced by gender as it interplays with socio-economics, immigration status and gender roles. These interactions have been neglected in research and in the development of policies with respect to immigrant women (Thurston et al. 2006). To provide effective health care services to immigrant and refugee women, health care providers need to recognize that the women’s social position and conditions in which they work and live could be major deterrents to the appropriate management of illness (Anderson et al. 1993, Donnelly 2004).

It is also identified that social policies create bias against immigrant and refugee women which affects them directly (Kinnon 1999, Thobani 1999, CRIAW 2002, Beiser 2005). The CRIAW (2006) has noted discrimination is inherent in the policy behind Canadian immigration laws. These laws situate women in a vulnerable and helpless position and create dependence on their spouse or family. For example, English training programmes are made to support labour demand and are often available only within a timeframe.
Thus for some immigrant and refugee women language training is not an option because of being home raising children, patriarchal ideologies and practices which may limit their choices, insufficient income to attend programs or programmes that fail to provide affordable child care, and lack of access to social support. Over time these women become ‘isolated in a language ghetto’ (CRIAW 2006, p. 13). For many immigrant and refugee women access to support from community resources is influenced by policies that systematically structure and reinforce sexism and racism against women and put them in a disadvantaged status and create barriers that prevent them from accessing certain social supports and resources (Ng 1988, Thobani 1999, Neufeld et al. 2002, Thurston et al. 2006).

Although a number of barriers exist, many immigrant and refugee women manage to seek help because of facilitative factors such as supportive interactions from their partner and family members (Dennis & Chung-Lee, 2006, Dennis & Ross 2006, Ahmed et al. 2008, Grewal et al. 2008), religious and spiritual practices (Choudhry 1998, Amankwaa 2003, Edge & Rogers 2005) and strong cultural beliefs which impact the way immigrant women solve their problems individually and within the family (O’Mahony 2005).

Holistic health beliefs, valuing the need to be healthy, diet, lifestyle and rituals have all been reported as facilitating good health care practices by immigrant women in the perinatal period (Posmontier & Horowitz 2004, Thornton et al. 2006, Hoban 2007, Grewal et al. 2008). Positive attributes of the immigrant woman such as strong family relations, community-centred values, sharing within the cultural unit, and resiliency of the immigrant woman were viewed as positive characteristics in coping and problem solving during very difficult circumstances (O’Mahony 2005).

In summary this comprehensive literature review provides relevant knowledge about PPD and other related factors concerning immigrant and refugee women in the post-partum period. There is a plethora of research focusing on mainstream populations and PPD; however, research on the needs and issues and specific risk factors for PPD among immigrant and refugee women has been limited (Zelkowitz et al. 2004, 2008, Sword et al. 2006). From the few qualitative studies done, the most commonly identified risk factors are lack of social support, multiple roles, stressful life events, and language barriers (Katz & Gagnon 2002, Small et al. 2003, Dennis 2004, Zelkowitz et al. 2004).

The literature review illuminates some knowledge gaps. Descriptive accounts regarding culture and PPD may be found in literature; however, the impact of cultural factors upon PPD has not been well investigated. Many studies have focused attention on how health care practices based on Western cultural concepts influence the ways in which immigrant and refugee women use mental health care services. However, not many studies have examined how social support, gender, institutional and organizational structures present barriers to women’s health seeking behaviour. There is limited research to date that have examined immigrant and refugee women’s perspectives about their social support needs, the barriers they experience and their preferred support interventions. There is suggestion that existing mental health services may not provide appropriate support to women with PPD and that additional research is required to evaluate women’s health service needs and barriers to service (Sword 1997, Sword et al. 2006, Kurtz Landy et al. 2008). Accordingly, by drawing on this literature of immigrant and refugee help-seeking practices and access to care, a qualitative study will be conducted to explore immigrant and refugee women’s PPD help-seeking experiences and access to mental health care. This study is motivated by the need to enhance opportunities for improved health among immigrant and refugee women in the post-partum period.

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