Chronic pain and parent-child relations in later life: An important, but understudied issue

Catherine Riffin, J. Jill Suitor, M. C. Reid & Karl Pillemer

Department of Human Development, Cornell University, New York, NY, USA
Department of Sociology, Purdue University, West Lafayette, IN, USA
Division of Geriatrics, Weill Cornell Medical College, New York, NY, USA

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Chronic pain and parent–child relations in later life: An important, but understudied issue

Catherine Riffin\textsuperscript{a}, J. Jill Suitor\textsuperscript{b}, M. C. Reid\textsuperscript{c} and Karl Pillemer\textsuperscript{a*}

\textsuperscript{a}Department of Human Development, Cornell University, New York, NY, USA; \textsuperscript{b}Department of Sociology, Purdue University, West Lafayette, IN, USA; \textsuperscript{c}Division of Geriatrics, Weill Cornell Medical College, New York, NY, USA

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Chronic pain is a debilitating and pervasive health problem, particularly among older adults. Researchers and clinicians acknowledge that pain conditions do not occur in isolation, but rather exact a toll on the individual sufferer and the family system at large. No research, however, has explicitly explored the impact of older parents' chronic pain symptoms on their adult children. In this article, we present relevant predictions from theoretical models that identify the interpersonal effects of chronic illness and pain on family relationships. Guided by theory and empirical research on these topics, we present a conceptual framework of hypothesized risk factors for adult children of parents with chronic pain. We conclude by offering an agenda for future research.

Keywords: intergenerational relationships; adult children; pain; chronic illness

Introduction

Over the past decade, researchers and health policy makers have focused increased attention on the problem of chronic pain and its management. This heightened interest is evidenced by a recently issued report from US Institute of Medicine, which calls for urgent attention to the disabling effects of chronic pain and its disabling effects (Institute of Medicine, 2011). Although arthritis and arthritis-related diseases (e.g. back pain) remain the most common causes of chronic pain in older adults (AGS Panel on the Pharmacological Management of Persistent Pain in Older Persons, 2009; Lawrence et al., 1998), other pain-producing conditions also occur commonly in this age group, including neuropathies (e.g. diabetes, herpes zoster), vertebral compression fractures caused by osteoporosis, as well as cancer and cancer treatments (Rao & Cohen, 2004; Schmader, 2002). A growing body of evidence also indicates that diverse chronic illnesses such as advanced heart, lung, and/or kidney diseases are also the common causes of later life pain (Potter, Hami, Bryan, & Quigley, 2003; Solano, Gomes, & Higginson, 2006; Walke et al., 2007). Chronic pain contributes to functional disability via several mechanisms including activity restriction, mobility impairment, social isolation, and depression (AGS Panel on the Pharmacological Management of Persistent Pain in Older Persons, 2009). Chronic physical pain is a common, costly, and often disabling condition, and it poses challenges for both health care providers and caregivers (AGS Panel of Persistent Pain in Older Persons, 2002), particularly among older adults.

Although estimates of prevalence vary from study to study, they suggest that up to 50% of all community-dwelling older people live with chronic pain (Helme & Gibson, 2001). The negative consequences of chronic pain include diminished quality of life, sleeping problems, cognitive and physical disabilities, immune dysfunction, depression, and social withdrawal (Jakobsen, Klevsgard, Westergren, & Hallberg, 2003; Karp et al., 2006; Reid, Williams, & Gill, 2005; Tan, Jensen, Thornby, & Sloan, 2008; Zhu, Devine, Dick, & Prince, 2007). Indeed, the most frequently cited cause of impairment in activities of daily living in later life is pain (Leveille, Fried, & Guralnik, 2002).

Given the extent of chronic pain among older people, a surprising gap exists in the literature on the topic. Specifically, the impact of an older parent’s chronic pain on his or her adult children has not been explored. Adult children typically have extensive contact with older parents, and many are engaged in the provision of support to parents in need of care (Fingerman, Pillemer, Silverstein, & Suitor, 2011; Suitor, Gilligan, & Pillemer, 2011). In addition, a growing literature has established the impact of a family member’s pain on spouses and on parents of young children and adolescents. Although this literature has not focused on later life, it suggests that the impact of chronic pain on family relations may extend to older parent–adult child relations.

To date, no studies have been conducted to address the effects of older parents’ chronic pain experience on relationships with adult children. Providing a systematic...
and comprehensive review of existing research is therefore not possible. The goal of this article is to shed light on this under-researched issue by setting forth a conceptual framework to guide future studies. We begin by reviewing literature relevant to this topic, asking: (1) should we expect chronic pain in older parents to affect parent–child relationship quality? and (2) what factors may moderate the association between chronic pain and parent–child relations? We then conclude with suggestions for a research agenda on this topic.

**Chronic pain: should it matter in the older parent–adult child relationship?**

Accumulating evidence has documented the association between the experience of chronic illness and family relationships (Martire, 2005). Both empirical research (Gallant, Spitz, & Grove, 2010; Turk, Flor, & Rudy, 1987) and clinical practice (see Martire, Lustig, Schulz, Miller, & Helgeson, 2004 for a review) have shown that the family plays an important role in an individual’s adjustment to and recovery from chronic illness. The attitudes and responses of family members to their ailing relative may contribute to the patient’s psychological adjustment, maintenance of health behaviors, and overall symptomatology (Snelling, 1990).

However, the association between chronic illness and family relations also operates in the reverse direction, in that the patient’s symptoms, emotional distress, and need for physical and emotional assistance exact a toll on the family system, leading to increased discord and diminished relationship quality (Leonard, Cano, & Johansen, 2006). In particular, there is consensus in both the empirical and the clinical literature that the experience of chronic pain has ‘spill-over’ effects into individuals’ family relationships. Clinical evidence of the impact of chronic pain on family relationships (Kerns & Turk, 1984; Lewandowski, Palermo, Stinson, Handley, & Chambers, 2010) has since been supported by empirical documentation of the specific adverse effects on family functioning and interactions. A considerable body of research substantiates the link between chronic pain and family discord, revealing that chronic pain conditions may contribute to conflictual family environments and to negative relationship quality (see Leonard et al., 2006; Palermo & Chambers, 2005; Palermo & Eccleston, 2009 for a review).

Due to problems in communication and coping brought on by the patient’s pain condition, the family often experiences social, emotional, and relational disruptions. In particular, Palermo and colleagues (Palermo, 2000; Palermo & Eccleston, 2009) have reported that chronic pain in children affects not only parental well-being but also family functioning more generally. Further, a recent systematic review of studies on the effect of adolescents’ pain on family functioning found that chronic pain among children was associated with lower family cohesion and higher levels of conflict (Lewandowski et al., 2010).

Such findings are echoed in studies of marital dyads. When compared with control groups, chronic pain sufferers and their spouses experience significantly lower family cohesion (Romano, Turner, & Jensen, 1997). Spouses also report greater problems in communication (Flor, Turk, & Scholz, 1987), which in turn may contribute to compromised marital quality. Indeed, some estimates indicate that over half of both persons with pain and their spouses exhibit high levels of marital dissatisfaction in the presence of chronic pain, with approximately one-third reporting severe levels of dissatisfaction (Kerns & Turk, 1984).

Although, as noted, no studies have specifically addressed the effects of parental pain on intergenerational relations, recent work by Monin, Schulz, and colleagues (Monin & Schulz, 2010; Schulz & Sherwood, 2008) points toward a possible impact. They proposed a potential source of adult children’s distress, beyond frequently cited stress of care provision or challenging behaviors by the care recipient: exposure to the suffering that results from chronic disease. In a series of studies, these researchers examined the impact of three forms of suffering on spousal caregivers: physical, emotional, and existential. Although not focused specifically on chronic pain, this program of research suggests that suffering makes a significant contribution to caregiver distress, beyond such previously established predictors as the relative’s disability, behavior problems, and the amount of care provided (Schulz & Sherwood, 2008; Schulz et al., 2009).

In summary, the literature on the effects of chronic pain on other family relationships (married couples and parents of young children and adolescents) indicates that the presence of chronic pain in the family negatively affects relationship quality among role partners. Further, research on the impact of suffering on a caregiver’s well-being supports this view. Based on this combined evidence, a major priority for researchers should be to systematically examine the impact of pain on relationships with adult children in the family.

**Moderators of the link between chronic pain and parent–adult child relationship quality**

We have focused up to this point on the direct relationship between older parents’ pain and relationships with children. However, there are grounds to hypothesize that the effects on the parent–child relationship may vary considerably by characteristics of the parent and the adult child (e.g. gender), characteristics of the dyadic relationship (prior closeness and tension), and contextual factors (co-residence and frequency of interaction). As depicted in Figure 1, we propose that these variables will contribute to differences in an adult child’s relationship with his or her afflicted parent. Although there are other potential...
Frequent contact with parents may therefore be exposed to the pain experience. Adult children who are in more physical distress (i.e., an intensified emotional reaction to pain disclosure and behavior, which is often upsetting and stressful (Newton-John & Williams, 2006). Moreover, exploring not only the duration and frequency of interaction but also the quality of contact within the pain context will help understand whether communication about pain leads to deleterious family outcomes.

**Gender**

Gender of the child is likely to be related to the impact of pain on parent–child relations. Research has demonstrated stronger affectional ties and greater confiding relationship between older parents and daughters than with their sons. Mothers generally have closer relationships with their children than fathers, and children report feeling more closely attached to their mothers than to their fathers (Bengtson, 2001; Fingerman, 2001; Rossi & Rossi, 1990; Spitze, Logan, Deane, & Zerger, 1994; Suitor & Pillemer, 2006; Ward, 2008). Both sons and daughters interact more with their mothers than their fathers. In addition, both groups report a higher quality of affection toward their mothers than their fathers (Buist, Dekovic, Mees, & van Aken, 2002). Further, daughters give disproportional support to the older generation (Chelsey & Poppie, 2009; Horowitz, 1985; Spitze & Logan, 1990; Suitor, Pillemer, & Sechrist, 2006). Indeed, not only do daughters provide more support than do sons, but daughters are typically both mothers’ and fathers’ preferred source of emotional support and help during illness (Suitor & Pillemer, 2006). Thus, the pattern of greater contact and closeness with daughters may make them more vulnerable to the effects of a parent’s pain.

Further, literatures on both chronic pain and suffering suggest that compassion and empathy are key factors in shaping relational outcomes for care recipients and their relatives (Goubert et al., 2005; Monin & Schulz, 2010). Notably, empathic responses to patient suffering may vary by caregiver gender. For example, compared with male caregivers, female caregivers not only tend to be more sensitive to their loved one’s emotions (Monin & Schulz, 2009) but also report a greater desire to meet others’ needs (Williamson & Schulz, 1990). In addition, men and women differ in their views of and reactions to the caregiving relationship. Although men report less emotional gratification when they perceive the relationship as less close, women display more resentment toward the care recipient (Williamson & Schulz, 1990).

Empirical evidence from the pain literature also documents gender differences in the caregiving relationship. Research indicates greater marital dissatisfaction among wives with a husband in chronic pain than vice versa (Bermas, Tucker, Winkelman, & Katz, 2000; Hafstrom & Schram, 1984). Also particular to the pain context, research suggests that satisfaction with pain-related communication may be lower among wives (Newton-John & Williams, 2006). Although some studies have failed to
find gender differences (Geisser, Cano, & Leonard, 2005), in general, the literature portrays a consistent picture of lower relationship satisfaction among female caregivers. We therefore expect that adult daughters will experience greater disruptions in relationship quality than sons.

**Caregiver status**

Among adult children of older parents, it is possible that the effect of chronic pain on relationship quality depends in part on whether the offspring is providing care to his or her parent. Recent reviews of the caregiving literature suggest the detrimental impact of care provision on family relationships (Quinn, Clare, & Woods, 2009). Characterized by deterioration in overall communication (de Vugt et al., 2003) and relationship quality (Lyons, Zarit, Sayer, & Whitlatch, 2002), entrance into caregiving may lead to tension and strain in family life. Compared with noncaregivers, caregivers report less reciprocity in the relationship (Gallagher-Thompson, Dal Canto, Jacob, & Thompson, 2001) and greater levels of dependency in the patient (Jordan, Eccleston, & Osborn, 2007).

Among parents of young children in pain, research has found both feelings of strain and accentuated closeness within the dyad (Eccleston, Crombez, Scotford, Clinch, & Connell, 2004). Qualitative studies present a similar pattern of results, in which parents note that they are ‘bonded more’ with their child, creating an extremely close, but ever dependent relationship (Snelling, 1994). As proposed within the suffering literature, compassion and empathy are essential components in conditioning emotional reactions among caregiving relatives (Monin & Schulz, 2009). As such, increased emotional closeness may imply greater empathy between the members of the dyad (Olson, Portner, & Lavee, 1985) and, thus, allow both parent and child to share the burden of the pain. Given the stressful nature of the pain experience, heightened levels of strain also emerge as both partners contend with emotional anguish. It is therefore possible that providing care to an older parent with chronic pain may generate ambivalence rather than unambiguous positive or negative assessments of the relationship (Pillemer, Suito, Pardo, & Henderson, 2010).

**Summary**

Despite the absence of studies testing whether parental pain affects intergenerational relationship quality, taken together these related literatures provide consistent suggestive evidence that chronic pain can make a strong, independent contribution to the quality of parent–adult child relations. The literature also provides supporting evidence that the effects of a parent’s chronic pain on relationship quality are likely to be moderated by: (1) proximity and contact; (2) child’s gender; and (3) whether the child has provided care to his or her parent during a recent illness or injury.

**Promising directions for future research**

In previous sections of this article, we raised a number of issues that merit further study regarding the impact of parent’s chronic pain on adult children, arguing that the experience of pain by the older parent is likely to affect both closeness and tension within the dyad. In support of that argument, we integrated literatures on family caregiving and suffering among older people with research on younger families with a member who is a pain sufferer.

We believe that this topic provides a very fertile area for future research. We propose several avenues for exploration, highlighting the need for rigorous methodological approaches to investigate the role of older parent pain in later life families. In guiding our suggestions for future work in this area, we again turn to literature on the effects of family members’ pain on spouses and parents of young children, but we also indicate how this literature may be adapted for the study of adult children of aging parents.

**Pain perception**

Accurate perception of the patient’s pain by family members is critical to a family member’s ability to provide appropriate care and assistance to the relative in pain (Goubert et al., 2005). Thus, one potential area for research may be the simultaneous exploration of pain perception by both patient and relative. Within the context of spousal relationships, the partner’s perception of the patient’s symptom severity may contribute to marital satisfaction and adjustment (Romano et al., 1991) as well as higher quality emotional support by the spouse (Manne & Zautra, 1989; Martire et al., 2006; Martire, Stephens, Druley, & Wojno, 2002). Similar associations have been documented among parents of children with chronic pain, such that worried parents tend to engage in more pain-promoting behaviors (e.g. encouraging excessive rest, providing physical assistance/taking over a task) (Guite, Logan, McCue, Sherry, & Rose, 2009).

Levels of agreement between the patient and relative about the pain experience have implications for the dyad. In general, when concordance rates are high, the overall relationship tends to fare better (Martire et al., 2006). Unfortunately, family members often are inaccurate judges, frequently overestimating the patient’s pain and disability (Beaupre et al., 1997; Cremeans-Smith et al., 2003; Redinbaugh, Baum, DeMoss, Fello, & Arnold, 2002; Riemsma, Taal, & Rasker, 2000), which in turn may have ramifications for the dyad (Goubert et al., 2005). Overestimation may contribute to greater depression (Cremeans-Smith et al., 2003) and disability among patients (Goubert, Eccleston, Vervoort, Jordan, & Crombez, 2006; Guite et al., 2009), as well as increased soliciting behavior among relatives (Guite et al., 2009).

Future studies of older parents and adult children can therefore shed light on concurrent and divergent...
assessments of the pain experience by the patient and family member. Within the context of later life families, we may expect to see similar outcomes for adult children with a parent in pain, where greater pain disclosure leads to greater relationship strain. Inquiry in this area may provide greater insight into the dynamics of the overall adult–child parent relationship.

Pain communication
Another topic for future study is investigation of overt pain communication among older parents and its effects on adult children. Although few studies have explicitly examined the effects of patient pain communication on family members (Newton-John, 2002), emerging evidence suggests that spouses’ frequent communication about severe pain may be associated with decreased emotional support from their partners (Stephens et al., 2006). Other research, however, provides a more favorable view, indicating that somatization among patients actually may not compromise marital adjustment in spouses (Feinauer & Steele, 1992; Newton-John & Williams, 2006). Gathering information from both members of the dyad may be essential in understanding the interwoven nature of the relationship. For instance, within parent–adolescent relationships, catastrophizing among parents may contribute to their own feelings of parenting stress, beyond the child’s pain intensity (Goubert et al., 2006). Future endeavors may benefit from exploring how simultaneous catastrophizing in both adult children and their parents may have ramifications for the overall quality of the relationship.

Thus, the growing body of empirical work argues for additional exploration of dyadic communication within the context of chronic pain. As such, theoretical models have begun to consider how emotional disclosure and validation may also predict relational outcomes. Moreover, it has been hypothesized that verbal and nonverbal communication fosters exaggerated concern for the afflicted individual (Leonard & Cano, 2006; Stephens et al., 2006), perhaps contributing to strained relationships. This body of research can provide a fruitful direction for research in later life families given that advanced age is linked with greater abilities in emotion regulation (Charles, 2010; Urry & Gross, 2010). Due to age-related changes in the ability to regulate one’s emotions, older adults may catastrophize less than individuals in earlier life stages, especially as they are more likely to employ selective strategies such as ‘thinking positively’ to combat worries (Hunt, Wisocki, & Yanko, 2003). Studies exploring pain communication can be useful in understanding how families at different life stages cope with the pain experience.

Coping
Extending from research on pain communication, future inquiry into coping strategies may contribute additional insight into management of the pain experience. Although many studies portray a bleak picture for families with a member in chronic pain, other research reveals a more favorable view. In fact, there is some evidence to suggest that family members actually remain quite satisfied with their relationships, even when a relative experiences high levels of pain (Bermas et al., 2000).

One hypothesized element in distinguishing families in distress from those that are well-adjusted is coping behavior. Recent empirical work provides direct support for this association, revealing less marital satisfaction among spouses who engaged in more passive, rather than active, coping strategies (Bermas et al., 2000). Findings such as these extend earlier theoretical accounts, which propose the way in which a family approaches the pain experience, may dictate relational outcomes. For instance, early frameworks posit that chronic pain may be ‘either a threat or a challenge’ (Turk et al., 1987) and further, that familial adaptation to chronic illness will have repercussions for relationships and interactions among individual members. Building on this line of research, Berg and Upchurch (2007) recently proposed a developmental-contextual framework, which highlights dyadic coping as an integral component of spousal adjustment to chronic illness. Empirical tests of this theory, however, have primarily focused on the patient’s experience rather than on outcomes for the relative.

Particular to later life families, coping behavior among parents in chronic pain may have implications for their adult children. As noted, because older adults tend to regulate their emotions more efficiently than younger adults (Charles, 2010) and worry less overall (Hunt et al., 2003), a divergent pattern of results from those in young families may emerge. Some studies suggest that coping styles among older adults in chronic pain mirror those of younger individuals in pain (Keefe & Williams, 1990), and but it remains to be seen whether these styles will have a distinct impact on offspring rather than on spouses.

Impact of pain and family relationships on family members’ well-being
The preceding discussion suggests that having a parent who suffers from chronic pain may have a negative impact on the parent–child relationship. It is also possible that older parents’ chronic pain and the disruption caused for families will negatively affect the psychological well-being of offspring. More specifically, the patient’s own symptoms, emotional distress, and need for physical and emotional assistance may elicit emotional reactions by family members (Kerns & Turk, 1984). Prior work has investigated this association in young families and spousal samples, providing a potential foundation for future research on the psychological health of adult children of parents in chronic pain.
The relationship between mood disturbance and chronic pain is well documented; estimates suggest that 30–50% of all chronic pain patients suffer from depression (Banks & Kerns, 1996). Accumulating research suggests that rates may be equally high for spouses and parents of young children with chronic pain. In fact, reports of significant spousal depressive symptomatology range from 20% to 50% (Ahern, Adams, & Follick, 1985; Kerns & Turk, 1984), with estimates for parents at approximately 40% (Eccleston et al., 2004). Notably, prevalence surveys also reveal that both spouses (Comstock & Helsing, 1976) and parents (Cadman, Rosenbaum, Boyle, & Offord, 1991) of chronic illness patients exhibit higher levels of depressive symptoms and negative effect than community samples.

Evidence from earlier studies of spousal chronic pain and partner depression consistently documents the presence of psychological distress in both members of the dyad. For example, in an exploratory study of 30 male chronic pain patients and their wives, over one-half of both patients and spouses reported significant levels of depressed mood (Kerns & Turk, 1984). Later work (Flor et al., 1987; Schwartz, Slater, Birchler, & Atkinson, 1991), however, provides more conservative estimates of spousal depression, with averages around one quarter of the spousal sample. Even these modest appraisals of psychological distress among spouses pose concern for scholars and practitioners, catalyzing a wave of psychosocial intervention plans incorporating close family members in the therapeutic approach to treatment (Martire, 2005).

Therapeutic interventions targeting adolescents and young children in chronic pain also advocate for family involvement. These initiatives echo the adult literature in suggesting that family participation in behavioral treatment may be a promising avenue in managing not only the sufferers’ symptoms but also the family members’ psychological distress (Eccleston, Malleson, Clinch, Connell, & Sourbut, 2003). Of note, parents may benefit in both short and long terms from such interventions: recent reports indicate significant improvements in parental depression and stress at immediate and 3-month follow-up assessments (Eccleston et al., 2003). Even with the assistance of therapeutic interventions, individual differences in psychological well-being among family members exist. Systematic reviews reveal considerable variability in the experiences and outcomes of caregivers (Pinquart & Sörensen, 2003). Although some caregiving relatives manage the stress and strain of assisting a loved one, others languish in the face of such trying circumstances. Individuals’ coping abilities and perception of caregiving demands may influence their health, well-being, and response to the overall experience. Importantly, personality characteristics may play a role in shaping such reactions. For example, those high in the trait of neuroticism not only appraise the caregiving experience more negatively (Bookwala & Schulz, 2000), but also exhibit heightened reactivity to care-related stressors (Koerner & Kenyon, 2007). Moreover, these individuals suffer from depressive symptomatology (Bookwala & Schulz, 2000) as well as compromise in subjective physical health (Hooker, Monahan, Shifren, & Hutchinson, 1992). This may be particularly salient within the chronic pain context, where the relative must confront issues related to both emotional and physical anguish of the ailing family member.

In addition, relatives’ respective outcomes may hinge upon the patients’ own beliefs and behaviors toward intervention efforts and treatment planning. It is plausible that a compliant and amenable attitude toward treatment by the patient may lead to increased well-being among family members. On the other hand, oppositional or aversive behaviors could contribute not only to discord within the dyad but also to heightened levels of anguish and strain by family members. The additional stressor of dealing with a noncompliant and combative patient may further contribute to deterioration in relatives’ health outcomes. Although speculation of this relationship has been documented in clinical reports (Groves, 1978), this prediction has yet to be tested in empirical research.

Although studies have not investigated this issue directly, some studies have explored the association between patients’ emotional distress and family members’ own psychological health (e.g. Cohen, Vowles, & Eccleston, 2010). A considerable body of research has demonstrated that exposure to other individuals in chronic pain elicits affective distress in the observer (Goubert et al., 2005). In an integrative review, Craig (2009) highlights the social and interactive nature of pain and the degree to which pain suffering and pain expression significantly affect others. Both verbal and nonverbal expressions of pain can lead to concern and anxiety on the part of relatives.

Notably, personality may shape the way in which chronic pain patients disclose and communicate about their symptoms. The trait of neuroticism, for example, has been associated with more somatic complaints (Affleck, Tennen, Urrows, & Higgins, 1992), greater pain catastrophizing (Affleck et al., 1992), and overall heightened levels of distress among chronic pain patients (BenDebba, Torgerson, & Long, 1997). In turn, these conditions have been implicated as risk factors for poorer psychological health among family members. Given this potential pathway by which patient communication may contribute to decrements in family members’ emotional well-being, assessments of both patient and relative personality should be a priority for future exploration.

Lumley et al. (2011) note that those in close relationships with affected individuals not only experience stress from seeing their loved ones in pain, but also they have difficulty determining what actions to take to best support the relative and can feel powerless to ameliorate the situation. Feelings of powerlessness, in turn, lead to ‘torture . . . worse than frustration’ for the relative, especially as the
patient’s condition persists over time (Jordan et al., 2007). Such qualitative reports underscore how parental distress is accentuated when parents feel helpless in assuaging their child’s pain. Furthermore, the cyclical and antagonistic relationship between powerlessness and distress may be difficult to sever, leaving family members in a depressed and helpless state as the patient’s symptoms worsen. Conversely, self-efficacy beliefs may buffer such deleterious outcomes and have been linked with positive health and well-being among caregivers (Rabinowitz, Mausbach, Thompson, & Gallagher-Thompson, 2007).

Taken together, the findings presented above reveal potential pathways by which chronic pain may elicit compromised emotional well-being in both the afflicted individual and close relatives. Thus, future research may wish to include psychological distress as clinical indicator of the negative impact of chronic pain in older parents on relationships with their offspring.

Methodological concerns

We have proposed several rich areas for future study; however, research on the dynamic nature of pain within families is not without methodological challenges. Lack of prospective data and a primary focus on cross-sectional studies limit our understanding of directionality of family functioning and pain (Eccleston et al., 2004). Causal directions for the impact of chronic pain on family members, even in early life, have yet to be established, and longitudinal assessments are necessary to illuminate outcomes over time. In addition to longitudinal research endeavors, smaller focus group studies may help clarify how older parents’ pain may impact their adult children’s emotional health. Further, qualitative data may unearth features unique to the adult child–parent relationship when a parent experiences chronic pain.

Conclusion

In summary, the existing literature suggests several hypotheses regarding the potential impact of older parents’ chronic pain on their adult children. First, the large body of research on family caregiving has established that parental chronic disease and related problems matter for adult children in terms of perceived relationship quality. Second, the literature on the effects of chronic pain on other family relationships (married couples and parents of young children and adolescents) indicates that the chronic pain experience is likely to affect both closeness and tension within the dyad. Guided by these two sets of findings, we propose a conceptual model of hypothesized factors that may moderate the association between chronic pain and adult child–parent relationships. Specifically, we conjecture that the adult child–parent relationship quality may vary by: (1) proximity and contact; (2) child’s gender; and (3) whether the child is the primary caregiver.

The proposed model suggests a variety of avenues for future research, testing the hypothesized pathways between a parents’ pain experience and the quality of intergenerational relationships. After testing for direct effects of pain on relationship quality, we suggest that moderators be considered, and in particular co-residence and contact; gender, and whether or not the child is a caregiver. Another fruitful area for exploration is the degree to which a parent’s pain negatively affects the child’s psychological well-being, which in turn may affect relationship quality.

In this article, we have highlighted three specific areas for future study that may moderate the association between pain and relationship quality: pain perception, pain communication, and coping within the dyad. We then suggest that the familial disruption caused by an older parents’ chronic pain may also contribute to compromises in adult children’s psychological health. Overall, we conclude that based on the evidence provided in this article, further exploration of the impact of chronic pain on older parent–adult child relations appears to be justified.

Finally, it is important to note the potential importance for practice and policy of establishing this topic as a priority for research. Family caregivers provide the majority of assistance to impaired older persons, and the economic value of these services is very great (Houser & Gibson, 2008). Therefore, it is critically important to understand factors that facilitate or inhibit caregiving activities on the part of adult children. It is possible that difficulty in coping with a parent’s pain may discourage some potential caregivers, given the disruption in family relationships sometimes caused by pain suffering. Further, caring for a parent in pain may potentiate stress and burden to caregiver, leading to exhaustion and termination of care. Improving caregivers’ ability to understand parents’ pain and to help them manage, it may therefore ultimately promote care at home and discourage use of institutional settings.

To this end, we suggest a focus both on acquiring additional basic knowledge about chronic pain and older parent–adult child relations and in developing interventions to improve coping with pain as a family. Within young families and spousal dyads, gains in treatment outcomes for both partners are most pronounced with family support and involvement (Martire et al., 2004). Pain-coping skills training (CST) interventions, for example, are most effective with spousal assistance. Compared with control groups, spouse-assisted CST not only attenuates patient pain symptoms but also increases feelings of self-efficacy and marital adjustment among spouses (Keefe et al., 1996). In addition, interdisciplinary cognitive behavioral pain management programs involving family members simultaneously improve patient functioning while reducing parental distress and anxiety. Such therapies are easily transferable to later life families and are likely to provide benefits to both older persons in need of assistance and their caregivers.
References


References

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C. Riffin

Banks, S.M., & Kerns, R.D. (1996). Explaining high rates of


Buist, K.L., Dekovic, M., Meeus, W., & van Aken, M.A.G.

Cadman, D., Rosenbaum, P., Boyle, M., & Offord, D.R.


Bookwala, J., & Schulz, R. (2000). A comparison of pri-

Cano, A., & Williams, A.C. (2010). Social interaction in pain:


