Family-focused autism spectrum disorder research: A review of the utility of family systems approaches

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A family member with an autism spectrum disorder presents pervasive and bidirectional influences on the entire family system, suggesting a need for family-focused autism spectrum disorder research. While there has been increasing interest in this research area, family-focused autism spectrum disorder research can still be considered relatively recent, and there are limitations to the existing literature. The purpose of this article is to provide theoretical and methodological directions for future family-focused autism spectrum disorder research. In particular, this article proposes Family Systems approaches as a common theoretical framework for future family-focused autism spectrum disorder research by considering theoretical concepts such as Boundaries, Ambiguous Loss, Resilience and Traumatic Growth. We discuss reasons why these concepts are important to researching families living with autism spectrum disorder and provide recommendations for future research. The potential for research grounded in Family Systems approaches to influence clinical support services is also discussed.

Keywords
review, utility, systems, family, approaches, focused, autism, spectrum, disorder, research

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Abstract
A family member with an autism spectrum disorder presents pervasive and bidirectional influences on the entire family system, suggesting a need for family-focused autism spectrum disorder research. While there has been increasing interest in this research area, family-focused autism spectrum disorder research can still be considered relatively recent, and there are limitations to the existing literature. The purpose of this article is to provide theoretical and methodological directions for future family-focused autism spectrum disorder research. In particular, this article proposes Family Systems approaches as a common theoretical framework for future family-focused autism spectrum disorder research by considering theoretical concepts such as Boundaries, Ambiguous Loss, Resilience and Traumatic Growth. We discuss reasons why these concepts are important to researching families living with autism spectrum disorder and provide recommendations for future research. The potential for research grounded in Family Systems approaches to influence clinical support services is also discussed.

Keywords
ambiguous loss, autism spectrum disorders, dyad, family functioning, family systems, holistic approaches, resilience, subsystem, support services, stress, traumatic growth

Introduction
Autism spectrum disorders (ASD) describe a variety of lifelong and pervasive developmental disorders that affect individuals and, importantly, their family in a variety of ways (Macks and Reeve, 2007; Reichman et al., 2008). For this reason, families who have a member with ASD can be referred to as families living with ASD (Neely-Barnes et al., 2011). Family-focused ASD research is critical for increasing our understanding of the impact of these disorders and informing clinical support services for these families. Such research is becoming more common, exploring issues such as the challenges and benefits ASD has on families, ways to support families living with ASD and the impact of ASD on siblings. However, the area of family-focused ASD research still remains underdeveloped as we are only beginning to understand the intricate, reciprocal influences between an individual with ASD and other family members (Orsmond and Seltzer, 2007).

This article briefly reviews key areas of existing family-focused ASD research to highlight the need for a common theoretical framework in this area. We propose that Family Systems (FS) approaches represent such a framework. Greater utilisation of FS approaches for future research is not intended to be a solution to all limitations of research in this area; however, these approaches could drive and inform future research. Our call for greater utilisation of FS approaches in this area is not recent (e.g. Trute and Hauch, 1988; Morgan, 1988) or in isolation (e.g. Jensen and Spannagel, 2011) but is necessary to bring more attention to this issue. In proposing FS approaches, we discuss the theoretical and methodological advantages of these approaches and discuss research and clinical implications.
Family-focused ASD research to date and its limitations

It is recognised that having a family member with ASD poses a range of distinct challenges on family members. Such challenges include, but are not limited to, accommodation of inflexible daily routines, lack of spontaneity, management of unique intolerances and sudden mood changes and being mediators in social interactions (Attwood, 2007; Heiman and Berger, 2007; Macks and Reeve, 2007; Pakenham et al., 2005). Additionally, approximately one-third of individuals with ASD require assistance with self-care, mobility, communication and cognitive or emotional tasks on a daily basis; the majority of this care is provided by family members (Australian Bureau of Statistics, 2011; World Health Organization, 2005). Due to these and other issues, many families living with ASD experience more stress than families with both neurotypically developing individuals has been another predominant research area. Research findings have indicated mixed results, with some reporting positive effects in areas such as self-concept and self-competence (Macks and Reeve, 2007; Phelps et al., 2009a). This recommendation is in line with previous calls for positive psychology approaches within developmental disabilities research (Bayat, 2007; Hastings and Taunt, 2002; Pakenham et al., 2011).

The impact of having a sibling with ASD on neurotypically developing individuals has been another predominant research area. Research findings have indicated mixed results, with some reporting positive effects in areas such as self-concept and self-competence (Macks and Reeve, 2007; Rao and Beidel, 2009), and others reporting negative effects such as embarrassment (Mascha and Boucher, 2006; Orsmond and Seltzer, 2007) and increased emotional and behavioural issues (Dew et al., 2008; Meadon and Stoner, 2010). On the other hand, some researchers report no differential impact in areas such as self-concept, self-efficacy and locus of control (Meadon and Stoner, 2010; Vliem, 2009). These mixed results have been interpreted in various ways. For example, that having a sibling with ASD has positive, neutral or negative influences on neurotypically developing siblings. Alternatively, the mixed findings could...
reflect the varied and dynamic nature of sibling relationships, suggesting that a straightforward ‘cause–effect’ explanation is too simplistic (Seligman and Darling, 2007). Additionally, the mixed findings can be attributed to factors not accounted for in research designs, such as age, sex or birth order of siblings; comparison group used (e.g. neurotypically developing dyads vs dyads with other developmental disorders); information source; family size; parental relationships and a range of demographic factors such as socioeconomic status, nationality and location (Ross and Cuskelly, 2006). These inconsistent findings and interpretations continue because studies are generally interpreted in isolation (Stoneman, 2005; Swanson, 1988).

Common theoretical framework

Although previous research addresses various important issues for families living with ASD, the literature lacks a common theoretical framework. The benefits of a theoretically driven body of work include utilisation of common terminology to improve communication of findings, research methodologies grounded in theoretically sound concepts and greater synthesis of results from various individual research studies allowing for detection of emerging patterns (Swanson, 1988). Without appropriate theoretical frameworks, studies are more likely to be influenced by extraneous factors such as social consensus, samples of convenience, opportunities for immediate applications and researcher preferences (Siegel, 1988; Swanson, 1988; Waterhouse, 2008).

FS approaches

Systems theories are derived from General Systems Theory, an interdisciplinary approach that has been conceptualised as a Weltanschauung or ‘unique worldview’ (Von Bertalanffy, 1950). General Systems Theory upholds the importance of interpreting events, situations and people within their environment rather than in isolation (Becvar and Becvar, 1982; Von Bertalanffy, 1950, 1974; Whitechurch and Constantine, 1993). From this perspective, the application of General Systems Theory to individuals involves understanding them in relation to the other people in their life.

Applications of systems approaches to families are referred to as FS approaches. FS approaches consider families as unique interactive and reactive units, with their own basic social system of rules, values and goals (Edwards, 2011). There is no single systems theory about families (Cox and Paley, 1997; Klein and White, 1996); therefore, throughout this article, the various FS theories will be referred to as FS approaches. These approaches encompass a wide variety of concepts and variables. Rather than discussing all of these in detail, Table 1 provides an overview of some of the main FS concepts, which are relevant to family-focused ASD research.

Macroscopic and microscopic FS approaches

FS approaches vary with regard to the scope of their focus. Macroscopic FS approaches (Table 1) focus on the ways families interact with other systems, such as the community, other families, schools and social groups (e.g. Turnbull et al., 1984, 1986). Microscopic FS approaches (Table 1) examine relationships within the family, such as maternal, marital and/or sibling subsystems (e.g. Bowen, 1995; Bowen and Kerr, 1988). Both macroscopic and microscopic approaches are important when researching families living with ASD, as they focus on different aspects of family functioning. For example, Brewin et al. (2008) examined parents’ perspectives regarding factors contributing their child’s quality of school experience. Major themes were identified across various systems including presentation of ASD in the child, classroom factors, school factors and institutional factors in the education system (Brewin et al., 2008).

Importantly, without utilising FS approaches, previous research has rarely explored relationships between systems. This is important for addressing key research areas such as ways in which the marital relationship influences the functioning of sibling relationships or the ways in which a maternal relationship differs from a paternal relationship. This distinction is important given that relations within and between subsystems affect family functioning (Hastings, 2003b; Meadon and Stoner, 2010).

Boundaries

According to FS approaches, the concept of Boundaries (Table 1) is central to understanding family functioning (Becvar and Becvar, 1982; Carroll et al., 2007) and is therefore relevant to researching families living with ASD (Seligman and Darling, 2007). The functioning of Boundaries is measured by their permeability (Table 1). Permeability of boundaries is necessary for families to manage life events such as job changes and moving house (Seligman and Darling, 2007). Optimally functioning families develop a balance between open and closed boundaries (Becvar and Becvar, 1982; Seligman and Darling, 2007). For example, Bayat (2007) reported that the most resilient families living with ASD in their study were able to be flexible in role and responsibility changes as well as communicate with each other about personal needs.

Poorly regulated boundaries can impact family functioning in various ways. According to FS approaches, two such ways are experiences of Boundary Ambiguity and Ambiguous Loss (Table 1). These experiences may be particularly important for families living with ASD due to the range of ongoing adjustments associated with ASD (O’Brien, 2007). For example, Boundary Ambiguity may result when neurotypically developing siblings become involved in some household and care-giving responsibilities.
### Table 1. Definitions of FS concepts.

<table>
<thead>
<tr>
<th>Theoretical concept</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS</td>
<td>In general, describes all individuals a family counts on over time for comfort, care, nurturance, support and emotional closeness</td>
</tr>
<tr>
<td>Family functioning</td>
<td>Complex interplay of various elements, such as emotional closeness, cognitive engagement, physical health habits, social connectedness, communication, expectations and interactions. Degree of functioning ranges from positive to negative</td>
</tr>
<tr>
<td>Macroscopic approach</td>
<td>A FS approach that focuses on the FS in relation to other systems</td>
</tr>
<tr>
<td>Microscopic approach</td>
<td>A FS approach that focuses on subsystems within the family</td>
</tr>
<tr>
<td>Subsystem</td>
<td>Semi-independent systems operating within the FS. Common subsystems include 'maternal' (mother and child), 'paternal' (father and child), 'parental' (both parents with child), 'marital' (husband and wife) and 'sibling' (child and child). Subsystems are also referred to as dyads when referring to two person relationships</td>
</tr>
<tr>
<td>Boundaries</td>
<td>Hypothetical borders between and within a FS and its environment. The External Boundary defines the family in relation to other systems. Internal Boundaries determine who is included and excluded in the subsystems. Individuals within a FS also have Personal Boundaries</td>
</tr>
<tr>
<td>Permeability</td>
<td>Degree of difficulty or ease that information and system members have in crossing the Boundaries. Ranges from open to closed. Open systems can be 'weak' as boundaries are loosely defined resulting in confusion about family roles, identities and goals. Closed systems can be rigid and restrict information permitted into system, limiting physical, psychological and social growth</td>
</tr>
<tr>
<td>Boundary Ambiguity</td>
<td>Confusion about roles and responsibilities experienced by family members resulting from poorly regulated boundaries</td>
</tr>
<tr>
<td>Ambiguous Loss</td>
<td>Complicated or unclear loss resulting from either physical loss of a person while retaining their psychological presence (e.g. missing person) or the physical presence of a person while experiencing a loss or change in their psychological state (family member with ASD)</td>
</tr>
<tr>
<td>Resilience</td>
<td>Ability to cope with challenging life circumstances. Includes physical, psychological, emotional and social resilience</td>
</tr>
<tr>
<td>Traumatic Growth</td>
<td>An extension of Resilience where coping involves positive change as a result of challenging life circumstances. Such as increases in appreciation of life, personal strength, family solidarity and quality of relationships</td>
</tr>
</tbody>
</table>


usually reserved for parents (Smith, 2000). Boundary Ambiguity can also occur when the identities of individuals become enmeshed (Carroll et al., 2007). For instance, parents who are preoccupied with their child’s ASD may have difficulty viewing their own life as independent from their child’s experiences (O’Brien, 2007).

Families may also be more vulnerable to Boundary Ambiguity during transition periods (such as developmental changes), as these periods normally involve large adjustments of roles and expectations for all family members (Bray and Hetherington, 1993; Seligman and Darling, 2007). When considering families living with ASD, there are likely to be unique transition periods related to ASD such as the period of diagnosis (Phelps et al., 2009b; Seligman and Darling, 2007). Additionally, ‘universal’ transition periods, such as adolescence, are likely to involve different issues for individuals with ASD and their families (Phelps et al., 2009b). Such transition periods have not yet been adequately mapped (Phelps et al., 2009b).

Ambiguous Loss may be particularly relevant to families living with ASD (Boss, 1994). For example, family members may perceive the family member with ASD as physically present yet psychologically absent (Boss, 2004). This experience may be particularly evident during the period of diagnosis, as it often involves a range of emotions including uncertainty about the clarity and repercussions of the diagnosis (O’Brien, 2007). Other factors that may contribute to vulnerability to Ambiguous Loss in families living with ASD include the unpredictable, heterogeneous and challenging nature of ASD, the high day-to-day variability in functioning, wide ranging patterns of strengths and weaknesses and broad ranging responses to treatment (O’Brien, 2007). Furthermore, fluctuating emotional experiences ranging from hope for improved functioning (or for some families hope for discovery of a ‘cure’ for ASD) to feelings of hopelessness or frustration during difficult situations, mixed with feelings of love, pride and joy, may make some families living with ASD vulnerable to Ambiguous Loss (O’Brien, 2007). These experiences may
be further complicated by the feelings of guilt when reflecting on the ‘negative’ emotions mentioned earlier (Boss, 1999, 2004; O’Brien, 2007).

Notably, such reactions are not necessarily long term and do not develop in all families living with ASD. Instead, it appears that most families adapt and cope effectively with childhood disability (Seligman and Darling, 2007). The multilevel approaches supported by FS approaches are especially important for understanding perceived issues like Boundary Ambiguity and Ambiguous Loss as perceptions may vary across subsystems.

**Resilience and Traumatic Growth**

Resilience and Traumatic Growth (Table 1) are two positive facets of family functioning outlined in FS approaches. In this context, Resilience is apparent in families who make active efforts to spend time with each other, balance needs of the family member with ASD with needs of other family members, maintain healthy routines, hold shared values, find meaning in challenging circumstances, have flexible roles, utilise support services, openly communicate and have proactive approaches to challenges (Seligman and Darling, 2007).

In recognising the possibility of distress and growth coexisting, Traumatic Growth has been considered particularly suited to the challenging yet rewarding nature of ASDs (Heiman and Berger, 2007). Traumatic Growth is applicable for families living with ASD in a range of ways. As discussed, initially, a diagnosis of ASD for a family member may be perceived as a distressing loss as it involves realisations that they will not develop typically, possible confusion around the individual’s identity and re-evaluating expectations and responsibilities of all family members (O’Brien, 2007). However, coupled with this may be experiences of relief, validation and over time understanding and acceptance of having a family member with ASD (Phelps et al., 2009a; Samios et al., 2012).

**Implications for clinical support services**

The importance of clinical support services on functioning for families living with ASD has been documented (Bradford, 2010; Seligman and Darling, 2007). Clinical support services are a type of formal social support that increases well-being, knowledge about the disorder, family functioning, Resilience and perceived competence and reduces subjective distress (Bagatell, 2007; Bradford, 2010; Phelps et al., 2009b; Seligman and Darling, 2007). Therapists may also provide informative and emotional support, help the family respond to grief or confusion, act as role models, improve family capacity building skills (Pinkerton and Dolan, 2007; Russo, 1999; Wetherby and Woods, 2006; Woods and Brown, 2011) and encourage acceptance and even appreciation for an individual’s or family’s situation (Bagatell, 2007; Bradford, 2010; Seligman and Darling, 2007).

There are several ways family-focused ASD research grounded in FS approaches can directly inform clinical support services, as follows.

1. FS approaches encourage research to focus on various aspects of the FS (e.g. individual, subsystemic and macroscopic). This will result in clinical interventions that can be targeted at individuals, subsystems and the systemic level. Importantly, the interrelations of subsystems can also be targeted.
2. FS approaches encourage inclusive approaches to research designs. Interventions based on such research will encourage all family members to be involved in therapy. This may involve including people outside the traditional scope of ‘family therapy’ such as extended family, friends or in-home therapists.
3. The utilisation of theoretically grounded FS concepts (such as Boundaries, Ambiguous Loss and Traumatic Growth) means clinical support services will be both theoretically and empirically evidenced based.
4. As FS concepts cover both positive and negative aspects of family functioning, research may inform holistic, strengths-based approaches. Strengths-based approaches help families utilise their own resources and recognise their own capacities for resilience (Bayat, 2007). The efficacy of such approaches is supported in the literature for both families with young and adolescent children (Allison et al., 2003; Cosden et al., 2006; Early and GlenMaye, 2000; McGuire, 2009; Sargent, 1991).
5. FS approaches recognise the heterogeneity of families and ASD alike. This recognition promotes individualised clinical support services for each family living with ASD.
6. FS approaches recognise that family functioning changes across time and in response to life events and transition periods. This recognition translates to clinical support services that promote opportunities for improved family functioning, regardless of current challenges.

**Implications for future research**

Based on the issues raised in this article, we recommend that the following areas be considered in future research. For each of these areas, we provide examples of research that has been conducted and requires expansion.

1. It is important to embrace flexible and inclusive approaches to researching ‘families’. Such
approaches recognise the importance of involving various system members, and in doing so, gain a rich understanding of family functioning. For example, in comparing the efficacy of individual versus family therapy for individuals with Asperger’s syndrome (AS), Stoddart (1999) interviewed individuals with AS, parents and also clinicians in order to understand the issue from all perspectives. The multidimensional perspectives highlighted the multifaceted ways family therapy impacts the FS at various levels (Stoddart, 1999). For example, one family reported that knowledge gained about AS affected their interactions with their family member with AS and also allowed them to communicate better with extended family members about AS (Stoddart, 1999).

2. Future research would benefit from investigating both positive and negative factors contributing to family functioning. This may include investigation of theoretical concepts grounded in FS approaches, such as Boundaries, Resilience, Traumatic Growth and Ambiguous Loss. For example, one study investigating the lived experiences of mothers reported benefits associated with living with ASD in a range of areas including social opportunities, health, employment and strengthening of family subsystems (Markoulakis et al., 2012).

3. There is a need to design studies targeted at various aspects of the FS (individualistic, subsystemic and macroscopic) to explore complex issues such as stress, coping and supports. For example, Hastings (2003b) explored the interrelationships of psychological well-being between mothers and fathers of children with ASD and found various ways in which the mental health of one individual affected their partner and other family members.

4. FS approaches recognise the importance of researching families during transition periods. Transition periods with minimal research attention include adolescence and young adulthood (Baker et al., 2011; Gerhardt and Lainer, 2011; Griffith et al., 2011; Levy and Perry, 2011). This continues despite preliminary research indicating a range of important issues for families and individuals with ASD during these periods. For example, the transition from primary school to high school requires management of large amounts of unstructured activities (bus rides, changing classes and study periods) (Adreon and Stella, 2001). A common theoretical framework for family-focused ASD research may help identify transition periods warranting greater research attention.

5. It is important to consider the impact of living with ASD (on individuals and families) across all developmental stages. The predominant focus of research has been childhood (for both individuals with ASD and siblings), with little research focusing on young adulthood and beyond (Baker et al., 2011). Research focusing on ‘childhood’ may also be too broad to identify factors most influential during specific developmental periods (Bauminger et al., 2003; Orsmond and Seltzer, 2007). For example, a meta-analysis of the sibling ASD literature published from 1970 to 2005 indicated that 17 of the 21 studies had participants ranging from age 2 to 18 years (Dew et al., 2008). In recognising the importance of developmental stage, research utilising FS approaches may avoid this limitation.

6. The inclusive nature of FS approaches recognises the importance of involving individuals with ASD (Bayat, 2007). This suggestion may seem self-evident; however, numerous studies examining families living with ASD do not include the perspectives of the individual with ASD (Brewin et al., 2008; Dew et al., 2008; Rao and Beidel, 2009). This trend seems well ingrained in disability research. For example, a review of sibling research identified that the individual with a developmental disability was included in only 2 out of 21 studies (Dew et al., 2008).

7. As FS approaches recognise the fluctuating nature of family functioning over time, research grounded in these approaches may utilise longitudinal designs. Preliminary research suggests that the meaning of having a family member with ASD may change over time; however, the nature of such change and the ways the FS and other systems influence change remain unclear. For example, Altiere and Von Kluge (2009) interviewed parents about their families’ meaning-making of living with ASD and found that various changes were reported to have occurred over time such as questioning, devastation, personal struggles, as well as personal, family and child benefits. To date, such research usually relies on recall of experiences rather than tracking participants over time, which may limit the validity of responses. Longitudinal research grounded in FS approaches could be one way of addressing this limitation.

**Methodological implications**

There are a range of methodological considerations when designing and conducting research with individuals with ASD and their families. Consideration of the range of potential difficulties in conducting research with individuals with ASD and their families is likely to have deterred some researchers from pursuing research in this field. Yet, importantly, the potential difficulty of conducting research in this area does not decrease the need for research with families living with ASD. FS approaches not only provide
a theoretically sound framework for conducting research in this area, but also address many of the methodological challenges associated with research in this area.

We propose that the following issues may be considered when conducting research with families living with ASD.

1. Wording of instructions and questions should suit the processing styles of children and individuals with ASD (e.g. concrete and single-faceted sentences). This may involve including step-by-step, written instructions, rather than complicated verbal instructions.
2. Consider using alternative methodologies to verbal conversations, such as drawings or photographs (Ravenette, 1997, 2005) or multimedia (Wyn and Harris, 2004).
3. Be aware of the potential for linguistic confusions. Misinterpretations may be from the individual with ASD (e.g. literal interpretations of phrases, misunderstanding words with double meanings or difficulty articulating experiences) or the researcher (e.g. misunderstanding an individual’s specific meaning of a particular word). To avoid misinterpretations, researchers can involve participants in interpretation of findings (Dockett et al., 2009).
4. Ensure participation of all family members is based on voluntary and informed consent. This may involve asking children and individuals with ASD to describe their understanding of the study’s aims and procedures and what they will be asked to do.
5. Attempt to prepare participants for the range of personal experiences that may be focused on during the study. This may also involve managing unexpected or negative reactions related to issues focused on during the study.
6. Consider using qualitative approaches that are supported by FS approaches. Such approaches provide opportunities to capture subjective experiences and understand complex patterns of relationships between individuals and subsystems (Carrington and Graham, 2001). Furthermore, qualitative approaches have the potential to capture idio-graphic, multifaceted issues often present in the families by avoiding predetermined and sometimes restrictive response options of quantitative approaches. Furthermore, qualitative approaches are useful for conducting research with children (Dockett et al., 2009; Mishna et al., 2004). Notably, there are justifiable reasons for utilisation of quantitative approaches (i.e. standardised measurements and greater opportunity for generalisation). However, these approaches may benefit from being complemented with qualitative sections (i.e. mixed methods approaches) in FS research.

**Statistical analysis recommendations**

An array of statistical techniques is available to researchers applying FS approaches to individuals with ASD and their families. A comprehensive review of available strategies is beyond the scope of this article. Instead, we briefly comment on some analytic techniques that can be used in future family-focused ASD research utilising FS approaches.

1. It is important to note that FS data are inherently interdependent. For instance, while interested in how a child’s characteristics influence his or her behaviour, we may also be interested in how characteristics of a parent influence the child’s behaviour. It is appropriate then that the interdependence in dyadic relationships, such as that between parent and child, is modelled and tested using appropriate strategies. Cook and Kenny’s (2005) actor-partner interdependence model is an illustration of modelling the concept of interdependence using appropriate techniques. This approach highlights the application of structural equation modelling and multilevel modelling to longitudinal dyadic data (Cook and Kenny, 2005). Campbell and Kashy (2002) provide a more comprehensive review of the actor-partner interdependence model. This approach was used to examine the degree of nonindependence in sense-making and benefit finding between mothers and fathers of children with AS (Samios et al., 2012). Results indicated that overall meaning-making was interrelated between partners (Samios et al., 2012), highlighting the importance of adopting an interpersonal approach to analyse family data.

2. Data from FS research have certain characteristics that need to be considered during analysis. Data are usually nested or hierarchical in nature. For instance, children are members of families – they are nested within families. Studies may also collect inter-generational data. Multilevel models can account for the interdependence inherent in nested data structures evident in FS approaches. It is recommended that researchers use, where appropriate, analytical techniques that model the characteristics of FS data. Examples of applications of multilevel models in family research include Snijders and Kenny (1999) and Jenkins et al. (2005).

3. It is important to consider the ways in which family dynamics may influence the analysis and interpretation of findings. Such considerations may include family size (e.g. number of siblings), sibling ages and genders and blended families.

**Conclusion**

There remains limited research focusing on families living with ASD (Ormond and Seltzer, 2007). This is of concern
given the diverse and pervasive impacts these conditions have on families. Of the research that is available, it can be difficult to synthesise findings due to limited use of a common theoretical direction. This article highlights some of the limitations in the existing literature and proposes the efficacy of FS approaches as a guiding framework for future family-focused ASD research. The benefits of FS approaches involve the inclusion of theoretically sound concepts, balanced focus of both positive and negative factors involved in family functioning and inclusion of all family members in research methodologies. If future family-focused ASD research utilises a common framework, such as FS approaches, then the research findings of individual studies may be synthesised and emerging patterns made more salient. Furthermore, reviewing the findings of past research through a FS lens may lead to further insights and alternate interpretations of some existing research findings. Together, this will result in a deeper understanding of research findings, which will potentially inform evidence-based clinical support services for families living with ASD. All these benefits contribute to our overall goal of learning about the best ways to support families living with ASD.

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