Expressed emotion of professionals towards mental health patients

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INTRODUCTION

In rehabilitation programmes of clients with severe mental illnesses, professional caregivers have a crucial role, their main tasks being to provide and co-ordinate the needed care and to help the patients to come to terms with their illness. However, it is not always easy to be a good counsellor for these clients. Although professional caregivers have their professional backgrounds to rely on, many often confront excessive occupational stress and sometimes feel emotionally exhausted (Dietzel & Coursey, 1998; Reid et al., 1999). Like family members, they have to cope with a broad range of problematic behaviour such as verbal abuse, acting-out, aggression, positive symptoms and serious neglect. Clients with mental illnesses often need long-term care. Progress is difficult and relapses are not exceptional. Frequently, professional caregivers have to find out by trial and error what interventions work and what might not and may well feel that they are not appreciated by the clients (Kuipers & Moore, 1995). As a result, caregivers may become disappointed, dissatisfied, frustrated, and discouraged and even burn out. These feelings may then affect their clients, causing them to become confused and to end counselling (Finch & Krantz, 1991).

In this article, we will first focus on the professional caregivers' attitudes towards clients with a severe mental illness and on the influence of these attitudes on the clients' functioning. We will use the construct of expressed emotion (EE) to chart the relationship in the professional caregiver-client dyad. In the second section, we will describe characteristics of low- and high-EE professional relationships and in the third offer some tools for improving the working relationship.

THE PRESENCE AND INFLUENCE OF EXPRESSED EMOTION IN PROFESSIONAL-CLIENT DYADS

Expressed emotion (EE) is a well-established and well-developed construct for charting and assessing social interactions between professional caregivers and clients. It refers to the amount of criticism, hostility, and emotional overinvolvement (EOI) of a formal or informal caregiver with respect to the patient. First developed in 1959 (Brown, 1959; Brown et al., 1958; 1962; 1972), its strength is that it is a reliable and robust predictor of the illness outcome of patients with a broad range of severe psychiatric disorders and physical illnesses (Wearden et al., 2000). This means that patients living in high-EE environments (high criticism, presence of hostility and/or presence of EOI) have three to five times more risk of relapsing than do patients living in low-EE environments. Many family intervention programmes have been developed on the basis of the results of EE research and have components like psycho-education, problem-solving skills, and communication skills. Although not all of these programmes are successful, they can reduce the relatives' high-EE score and thus the patients' relapse rates (Barbato & D'Avanzo, 2000; Dixon et al., 2000; Pilling et al., 2002).

Generally, EE is assessed with the Camberwell Family

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Interview (CFI)(Brown & Rutter, 1966; Leff & Vaughn, 1985; Vaughn & Leff, 1976). The CFI, which is considered to be the best EE instrument (Kazarian, 1992; Van Humbeeck et al., 2002a), is a semi-structured interview that gathers factual and attitudinal information about the onset and development of the current illness episode, the illness history, irritability and quarrelling, the patient's symptomatology, and the quality of the relationship. A qualified rater then codes the audiotaped CFI on five scales: (1) critical comments (a frequency count), (2) hostility (a 4-point scale: 0-3), (3) positive remarks (a frequency count), (4) EOI (a 6-point scale: 0-5) and (5) warmth (a 6-point scale: 0-5). Relatives are classified as high on the EE index if they make six or more critical comments, if they are hostile (score 1-3), and/or if they have a score of three or more on the EOI scale. However, because using the CFI is time consuming, alternative measurement instruments have been developed (review see Kazarian, 1992; Van Humbeeck et al., 2002a).

In the 1980s, researchers observed that professional caregivers could present behaviour that resembles the high- and low-EE attitudes of family members (Berkowitz & Heinl, 1984; Cournos, 1987; Simpson, 1989). Thereupon, Watts (cited in Kuipers & Moore, 1995) and Herzog (1992) successfully used the EE construct to describe interaction patterns between professional caregivers and clients.

Although the EE-research in professional caregiverclient dyads still is in its infancy, there is evidence for high-EE attitudes towards clients with a broad range of psychiatric problems and even towards clients with learning disabilities (Ball et al., 1992; Barrowclough et al., 2001; Cottle et al., 1995; Finnema et al., 1996; Hansen et al., 1991; Moore & Kuipers, 1992, 1999; Moore et al., 1992a; Oliver & Kuipers, 1996; Sabarese, 1999; Snyder et al., 1994; Stark & Siol, 1994; Tattan & Tarrier, 2000; Van Humbeeck et al., 2001; in press; Weigel & Collins, 2000; Willets & Leff, 1997). In these studies, high-EE varies from 0% (Barrowclough et al., 2001) to 62% (Herzog, 1992). The differences in service facilities (residential care, hostels), client groups (chronic psychiatric clients, clients with schizophrenia), and EE assessment (CFI or other instruments) may account for the differences in high-EE scores.

Professional caregivers express the same amount of criticism and hostility as do family members, but they make fewer positive remarks and the amount of EOI differs. Professional caregivers are significantly less emotionally overinvolved than family members (Ball *et al.*, 1992; Moore *et al.*, 1992b). Only Stark & Siol (1994) and Van Humbeeck *et al.* (2001) found evidence for the pres-

ence of EOI. The absence of EOI is probably a consequence of the caregivers' professional background, their high caseloads, and the lower contact frequency and intensity. Nevertheless, Van Humbeeck *et al.* (2001) found attitudes that could be characterised as emotional overinvolvement behaviours and considered them due to role confusion, which they considered due to insufficient professional distance between professional caregiver and clients: the boundaries between the professional caregivers' professional and private spheres became blurred.

In family research, the construct has proved to be a reliable and robust predictor of relapses. Although the research in this field is still in its infancy, high-EE in client-professional caregiver dyads seems to have a negative influence on the clients' functioning and the clients' quality of life (Ball *et al.*, 1992; Snyder *et al.*, 1994, Finnema *et al.*, 1996; Tattan & Tarrier, 2000).

CHARACTERISTICS OF LOW AND HIGH-EE RELATIONSHIPS

More in-depth content analyses of low and high-EE responses showed that professional relationships differ from others more than by the presence or absence of criticism, hostility, and EOI. Therefore, researchers have tried to distinguish low and high-EE relationships and to describe these relationships (table I). Low-EE professionals can control their own feelings and are warm and able to motivate clients (Kuipers & Moore, 1995). They maintain a good balance between over- and understimulating clients and offer support at the clients' own pace (Moore et al., 1992b). They understand clients' difficulties and motivate them to be as independent as possible. Compared with high-EE professionals, low-EE professionals try more to restore hope in clients. This means that they believe in the clients' abilities to overcome and to cope with the illness. High-EE professionals, on the contrary, tend to have unrealistic expectations about the clients' progress (Moore & Kuipers, 1992). Moore & Kuipers (1992) also suggested that low-EE professionals made more supportive statements on an interactional task than did their high-EE counterparts. They also focused more on positive aspects while the high-EE professionals tended to stress the clients' shortcomings.

Low-EE professional caregivers can establish clear boundaries: 'We are indeed a bit detached from our clients. But we need this distance because otherwise we would no longer be objective as regards offering proper care and activating clients.' This establishment of boundaries is a very important key feature of low-EE pro-

Table I. - Characteristics of a low-EE environment.

In a low-EE environment, counsellors are characterized by

- a good equilibrium between over- and understimulation
- tolerancy towards negative symptoms and disturbed behavior
- clear boundaries (involved but not overinvolved)
- warm attitudes towards clients
- the ability to restore hope
- attention to the clients' perspective
- a lot of respect towards the clients
- expression of criticism in a way that clients can handle this
- openness and flexibility
- concern about the clients
- interest in the clients
- encouragement of clients to express their feelings
- understanding of the clients' illness
- attribution of problematic behaviours as uncontrollable and external to clients

fessionals. One professional caregiver stated that she had to turn over her client to another counsellor 'because I felt that I had became too involved. This was going to be bad for me as well as for the client so I decided to change counsellors for a few days as I tried to establish clear boundaries between him and me.'

Another difference between high and low-EE professionals is in the education level. The two studies that covered this factor reported that less trained staff made significantly more critical comments than did more trained staff (Barrowclough *et al.*, 2001; Van Humbeeck *et al.*, 2002b).

In family research, Hooley & Hiller (2000) and Leff & Vaughn (1985) reported that openness could be a core characteristic of low-EE persons. This was affirmed in staff research (Moore et al., 1992b; Van Humbeeck et al., 2002b). In the study of Van Humbeeck et al. (2002b), openness was defined as being curious about new situations. This means that an open person does not necessarily conform to existing rules but tries to adapt to the situation. Openness is similar to flexibility. Indeed, in-depth content analyses of the CFI transcripts gives evidence that low-EE professionals take the clients' perspectives into account and adapt their interventions in function of the client and the client's state of mind. This, however, implies that the professional caregiver gets to know the client: 'I'm getting to know her. Now that I know her, it makes it easier for me to counsel her and to initiate the proper intervention. Now that I know that she needs reassurance I can offer it to her!' In addition, low-EE professional caregivers do not press or compel clients to do things: 'If I would require him to attend a day activity centre, he would be very unhappy and probably would relapse.'

An area that promises greater understanding of EE is that of attributions. As in family research (Barrowclough *et al.*, 1996; Bentsen *et al.*, 1997; Hooley, 1998; Wendel

et al., 2000), differences between high- and low-EE professionals can be explained by the way they attribute and interpret clients' symptoms. Indeed, when caregivers consider clients' symptoms to be controllable, internal to the client, or stable, they are significantly more critical and hostile than when they consider them to be non-controllable, external to the client, or unstable (and thus as a part of the clients' illness) (Barrowclough et al., 2001; Moore et al., 1992b).

EE research has shown that the counselling of clients with a severe mental illness is not always self-evident. Some professional caregivers show high-EE attitudes, role confusion can occur, and some are very insecure and uncertain about the best way to deal with clients.

More generally, it is found that professional caregivers can be subject to burnout (Brown & O'Brien, 1998; Levert et al., 2000) and low feelings of personal accomplishment (Van Humbeeck, unpublished doctoral thesis). A reduced sense of personal accomplishment goes together with feelings of insufficiency and self-doubt, which ultimately leads to burnout. It is likely that these feelings can affect other members of the counselling team or negatively influence the clients' functioning.

IMPLICATIONS FOR STAFF EDUCATION

In this section, tools are offered for dealing with these clients on three levels: (1) the level of structured training and education programmes, (2) the team level, and (3) the individual level.

In view of the success of family intervention programmes, two training intervention programmes for professional caregivers were set up that focussed on the professional caregivers' attitudes towards clients (Baxter *et al.*, cited in Senn *et al.*, 1997; Finnema *et al.*, 1996; Willets & Leff, 1997).

The training programme of Baxter & Leff (cited in Senn et al., 1997) and Willetts & Leff (1997) was based on the 'Thorn Initiative' course (Lam et al., 1993). This course, developed for community psychiatric nurses, contained a module about working with families of patients with schizophrenia. The nurses were taught to reduce the families' EE. Because this programme was very successful, it was modified to make it suitable for staff. The modified staff programme included topics like introduction to mental illness (symptoms and treatment possibilities), problem-solving skills, communication skills, and different coping strategies. Although the course was evaluated positively and perceived as being very useful, there was no significant difference in the presence of high-EE before and after the training programme.

A second attempt to influence professionals' EE was made by the group of Finnema *et al.* (1996). Their programme consisted of seven training days over a period of 14 weeks. Two months after the completion of the programme, three more half-day sessions were held. There were two baseline and two post-intervention measurements. Despite the increase of the nurses' knowledge, once again the EE level did not significantly change, although the ward atmosphere did. More specifically, there was a strong decrease in the number of ward rules and in the use of locked seclusion.

A number of reasons could account for the failure to reduce the professional caregivers' EE levels (Finnema et al., 1996; Willets & Leff, 1997). First, both studies were pilot studies with a very small number of professional caregivers. Second compared with family programmes, the programmes were very limited in time. The developers of the programmes suggest that it would be unlikely for people to change significantly after such a short period. Third, the courses contained too many knowledgecontent sessions. It would be better to decrease such sessions and to give more attention to sessions in which critical and hostile attitudes could be tackled and discussed, perhaps by role-playing. Fourth, Finnema et al. (1996) stated that the focus on EE probably is too narrow, and that one must also focus on other aspects like changes in ward atmosphere. Fifth, we have the impression that these training programmes for professional caregivers were insufficiently tailored to the needs and preferences of these professionals. The programmes in these studies mimicked too closely the programmes for family members. If an educational programme is intended to influence the participants' behavior, attitudes, and knowledge, it should start with an inventory of these participants' learning needs, and the content, methods, and learning strategies should be tailored to those needs. Longer programmes where professional caregivers are actively involved in all the stages of the development of the education programme would probably be more successful.

Obviously, not all staff members will have an opportunity to attend standardised training and education programmes. For this reason, staff support, intervision, and supervision are good alternatives. Indeed, staff support and staff meetings can be very successful vehicles for ventilating fear, anger and frustration about clients (Kuipers & Moore, 1995) and for increasing group cohesion and appreciation (Acker, 1999; Reid et al., 1999; Shafer et al., 1999). Professional caregivers can share experiences (positive as well as negative ones) and skills with their colleagues. In these process meetings, there is more time than in the usual team meetings for discussing specific problem cases and for exchanging individual reactions and experiences. Research has indicated that team members are highly appreciated sources of support that can alleviate feelings of burnout. Kuipers & Moore (1995) also call for limited caseloads and regular reviews of clients' progress.

EE research does not imply or suggest that professional caregivers may never be critical towards the clients. On the contrary, criticism sometimes may be necessary to improve the clients' level of functioning or maintain its current level (Kanter et al., 1987). This was demonstrated in the intervention programme of Gelfand et al. (1967) in which professional caregivers had to respond to problematic behaviour by being warm and supportive. Criticism was not allowed. This working strategy did not decrease the clients' problematic behaviour! Therefore, we argue for a controlled use of criticism tailored to the clients' ability to receive it. This means that when professional caregivers judge that they need to criticise clients they should first consider how to convey this criticism (e.g., encouragingly, firmly, friendly, first the positive aspects and then the negative ones, with humour). Thus professional caregivers need to find the right dosage, expression forms, and time to provide this criticism. By taking these guidelines into account, the quality of care can be improved.

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