Coaching as a method for potentially reducing the risk of burnout in medical professionals

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ABSTRACT

In their daily work, medical professionals often encounter emotionally and mentally challenging situations, such as sudden health deterioration or death of their patients. The concern to ensure the highest possible level of healthcare and meet all the standards despite the limitations that come with working under the pressure of time, the interactions with other individuals, the physical burden and stress, as well as with the (sometimes limited) support from superiors and lack of satisfaction with salary may, as a result, translate into a higher risk of burnout. Research indicates a potential effectiveness of coaching with respect to medical personnel. However, there are no publications available concerning nurse-oriented coaching, which would be intended to reduce the risk of burnout in this professional group. The objective of this paper is to present coaching as a method that makes it possible to reduce the risk related to burnout in medical professionals.

Keywords: coaching, burnout, medical professions, nurses, physicians

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INTRODUCTION

Coaching is becoming increasingly common in the area of medicine and health sciences [1-3]. It is an effective tool for strengthening the motivation of patients [4], their caregivers, and medical personnel [5]. The potential benefits for patients include, among others, higher therapy adherence [6,7], improvement of treatment results [4,6,8], increased trust in medical personnel [9], and a reduced number of admissions to medical facilities [10]. Caregivers, on the other hand, were found to experience increased emotional intelligence and job satisfaction [11] as well as an enhanced level of knowledge [12] to name only a few. Coaching interventions may also translate into higher quality of provided healthcare [6] as well as contribute to the improvement of the caregiver/patient relationship [13]. Moreover, attention is paid to the usefulness of coaching in the realm of motivation for development, increasing the feeling of causation and self-efficacy with reference to individuals who are preparing for medical careers in health promotion [14].

Work plays an important role in people’s lives. Regardless of the profession chosen, one needs adequate competencies to be able to perform his/her duties at the required level. Furthermore, a crucial role is played by one’s resources that help people cope with their duties despite a permanent burden. As noted by Sek [15], burnout often affects individuals whose coping abilities in difficult situations are insufficient. Having adequate resources is important, especially in medical professions, since medical professionals often come into contact with other people not infrequently facing difficult health/life situations. Such resources help them deal with various confronting circumstances. As long as there is job satisfaction and contentment, the motivation to act remains strong.

The problem of burnout is therefore a significant issue in the area of health and social sciences. It is necessary to search for an answer to the question of whether and how it can be prevented. The significance of this problem is demonstrated through the number of publications on the subject [16-21]. Increasing attention is being paid to the interrelation between burnout and aggression towards medical personnel [22]. In the literature, it is emphasized that the key point is how employees react to verbal and non-verbal aggression [23].

Research, in which members of medical rescue teams served as respondents, indicated that the paramedics tried to calm down a verbally aggressive person in over 60% of the cases, while – in approximately 13% of cases – aggressive behavior of a patient generated aggression in the paramedics [23]. Stress should therefore be laid on the bidirectionality of aggressive behaviors and their correlation with burnout. Research by Lewandowska and Litwin [24], which pertained to the assessment of burnout incidence in nurses working at the Regional Hospital of Podkarpacie Province, demonstrated that approximately 75% of the subjects considered themselves to be either burnt out or close to burnout. In this respect, it is worth pointing to the summary presented by the authors in which they claimed that it is neither age nor job seniority that had a significant effect on the percentage of nurses that felt burnt out [24].

Similar conclusions can be drawn from the preliminary research which encompassed nurses working in a hematology ward [25]. The authors [25] also underlined that age, job seniority and, amazingly enough, even additional qualifications did not significantly influence the nurses’ risk of burnout. What appeared to have a negative impact was an excessive number of duties, the quality of information flow between team members, and insufficient staffing [25]. However, the authors pointed to the fact that there was an age gap in their research, concerning nurses with a seniority of 6-10 years [25].

A situation in which one’s job ceases to bring satisfaction and employees are no longer as motivated to act as they used to be, due to tiredness or even exhaustion, has its consequences for all the parties involved, namely the employer, the employee, and the patient. The question is what can be done to prevent burnout. A promising solution seems to be offered by coaching targeted at medical personnel [26-28].

The paper aims to present coaching as a method that provides an opportunity to reduce the risk of burnout in medical professionals.

According to the legal acts applicable in Poland, a medical professional shall be understood to mean “a person entitled, under separate provisions, to provide health services, and a person proven to have gained professional qualifications for providing health services within a specific range or a specific field of medicine” [29].

The work of medical professionals is a demanding experience. Being in constant readiness, taking care of the necessary procedures, facing a large number of unexpected events, and sometimes receiving inadequate support from colleagues are some characteristic features describing this type of professional activity. It is often shift-based work that affects both professional and family relations. The professional role, often performed in different places and forms of employment (which entails low remuneration), is combined with other social roles. It would be desirable to fulfill the obligations associated with each role at least at a satisfactory level. This, as a consequence, may lead to various types of conflicts, which are occasionally increasing and hard to resolve.
Medical personnel and nurses in particular are the most burnout-prone individuals from the various professional groups and specialties [30,31]. This is basically due to the fact that this problem affects those professions that require interpersonal contact with other people [31]. The intensive psychological burden and physical workload of nurses affect the quality of the healthcare provided on the one hand and may induce the development of professional stress on the other [31,32]. Particularly in the case of palliative care providers, taking care of patients, especially those aware of imminent death, who experience numerous troublesome symptoms, permanent contact with death, and the emotions of dying people and their relatives are not without an impact on medical personnel [33,34]. Similar problems may occur in employees of hospital admission rooms and A&E units [35].

Research to date indicates that it is necessary to develop a nurse support system as well as prevention and therapy programs, including psychological counseling services at the workplace [32,36,37].

Numerous scientific reports reveal that physicians [26,27], nurses [16,25,38,39], physiotherapists [40], family assistants [41], and hospice employees [42] run the risk of suffering from burnout. The vulnerable group also includes employees of palliative or intensive care units [19].

Burnout is the body’s response to chronic work-related stress, particularly in professions that are characterized by permanent contact with other people and emotional involvement in their problems. According to Maslach Ch., burnout is a “syndrome of emotional exhaustion, depersonalisation and reduced sense of personal achievement, which may develop in individuals working with other people in a specific manner” [43]. Emotional exhaustion refers to the reaction by a human being of its excessive emotional burden and the diminishing of its energy resources. Depersonalization is associated with a negative, indifferent reaction to other people, who usually receive the services provided by a given individual. Reduced sense of personal achievement refers to a decrease in one’s feeling of self-competence and success at work. In the latest definition of burnout, Maslach and Leiter present this phenomenon in the following manner:

“Burnout is a psychological syndrome emerging as a prolonged response to chronic interpersonal stressors on the job. The three key dimensions of this response are an overwhelming exhaustion, feelings of cynicism and detachment from the job, and a sense of ineffectiveness and lack of accomplishment. The significance of this three-dimensional model is that it clearly places the individual stress experience within a social context and involves the person’s conception of both self and others” [44].

According to Perlman B. and Hartman A.E., “burnout is a response to chronic emotional stress with three components: emotional exhaustion, lowered job productivity and over personalisation” [45]. Burisch M. defines burnout “for certain wrongly defined types of crisis” [46]. He claims that burnout is a construct present only in people’s minds, constituting a blurred set of symptoms. In the socio-cognitive approach presented by Sek H., burnout is defined as: “a set of symptoms emerging in professions where close interpersonal contact, thorough commitment and the personality traits of the practitioner are the basic professional tools determining the level of the professional service provided as well as the professional successes and failures” [47].

Kandelman, Mazars and Levy [48] conducted research on a group of 124 employees of nursing homes, where they assessed the degree of burnout and the factors that influenced the possibility of its occurrence. The protective factors included regular recreation and being a nurse [48]. The risk factors encompassed the following: aggression experienced from the subjects, the necessity to use protocols for pain assessment and death announcement, which were regarded as burdensome especially when developed by administrative employees, and the type of structure: “private profit making institution” [48].

Analysis of the results from research conducted by Shimizutani et al. in a group of 707 nurses working in a university hospital in Japan identified burnout-related factors, which were divided into three groups: personal, work-related, and patient-related [49].

The first group showed the following risk factors: quantitative and qualitative workload, neuroticism and self-blaming, while the protective factors included: age, social support, and extraversion [49]. The risk factors in the second group encompassed the following: quantitative workload, neuroticism, conflict with a physician, behavioral disengagement, with the only protective factor being social support [49]. The protective factor within the patient-related group referred to the conflict of professional roles, while the risk factors included the following: conflict with a patient, quantitative workload, neuroticism, and behavioral disengagement [49]. On the other hand, burnout is a risk factor for making a decision to quit employment [50].

Burnout means failure in the existential quest to find meaning in the performed work. It most commonly develops in individuals with high ambitions and professional expectations, who are willing to take up work and identify themselves to a great extent with professional problems. Individuals most vulnerable to burnout include those whose
strong motivation and professional activities are not recognized [51].

A promising tool for the development of patient cooperation is offered by coaching, which has been described in the subsequent paragraph.

The first report on coaching appeared in scientific literature in the first half of the 20th century [Gorby, 1937; as cited in: 52]. There has also been a growing trend in the number of publications on the subject, especially within the last decades [52].

The aim of coaching is to accompany the process of change, to realize the potential in order to allow the coachee to achieve his/her intended goals [53]. According to the definition proposed by Anthony Grant, personal coaching (or life coaching) is: “... a solution-focused, results-orientated systematic process in which the coach facilitates the enhancement of the coachee’s life experience and performance in various domains (as determined by the coachee), and fosters the self-directed learning and personal growth of the coachee” [54]. On the other hand, workplace coaching is defined as: “... a solution-focused, result-orientated systematic process in which the coach facilitates the enhancement of work performance and the self-directed learning and personal growth of the coachee” [54].

Another definition proposed by the largest international organization of coaching professionals, namely the International Coach Federation (ICF), whose Code of Ethics provides that: “Coaching is partnering with clients in a thought-provoking and creative process that inspires them to maximise their personal and professional potential” [55].

Numerous authors indicate the possibility of applying coaching in the area of health [56,57,58]. According to Palmer and his team, health coaching is: “... the practice of health education and health promotion within a coaching context, to enhance the wellbeing of individuals and to facilitate the achievement of their health-related goals” [5].

Working with a coach potentially translates into positive results, and therefore it is worth considering this method as an element of support for medical personnel and patients [inter alia: 5]. Coaching can be successfully taken advantage of by the health sciences [59, 60] and medical sciences [inter alia: 27,61,62], to name only a few. Health coaching frequently appears in the context of research on a group of chronically ill patients [inter alia: 63-66]. Its efficacy has also been confirmed in relation to elderly people [67]. This intervention is also used for medical personnel [68,69]. It is also mentioned in the context of medical education [70].

Table 1. The effects of coaching described in the literature

<table>
<thead>
<tr>
<th>Publication</th>
<th>Medical profession</th>
<th>Specificity of the job</th>
<th>Effects of coaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>van Mierlo, Meiland &amp; Drées (2012)</td>
<td>Informal caregivers of dementia patients</td>
<td>Caregivers are observed to experience high levels of stress, depression and burden</td>
<td>1. Telecoaching in combination with institutional support (day care units) reduced the burden and incidence of health problems among informal caregivers of dementia patients</td>
</tr>
<tr>
<td>Aboalshamat, Hou, &amp; Strodl (2013)</td>
<td>Medical and dental students</td>
<td>Psychological health disturbances, high levels of stress, depression and anxiety – confirmed by examination</td>
<td>2. Significant improvement in mental health (among others, in the area of depression, the sense of self-efficacy and satisfaction with life)</td>
</tr>
<tr>
<td>Schneider, Kingsolver &amp; Rosdahl (2014)</td>
<td>Physicians</td>
<td>Exposure to stress</td>
<td>3. Greater resistance to stress, indirect positive effect on patient care</td>
</tr>
<tr>
<td>Gazelle et al. (2014) [27]</td>
<td>Physicians</td>
<td>Exposure to burnout</td>
<td>4. Improved functioning, extended self-awareness, increased mental resilience</td>
</tr>
<tr>
<td>Palamara, Kauffman, Stone, Bazari, &amp; Donelan (2015) [77]</td>
<td>Physicians and residents</td>
<td>Limited support for residents, lack of experience, long working hours, time pressure, exaggerated stress reactions are conducive to burnout.</td>
<td>5. Less emotional exhaustion and burnout among residents. Positive assessment of the coaching program</td>
</tr>
</tbody>
</table>
The effects of coaching have been summarized in the table above (Table 1). Attention has been drawn to the specificity of the work performed by the representatives of medical professions. Moreover, the effects of coaching has been presented with regard to informal caregivers as a group which is exposed not merely to a physical but also a mental burden [71-73]. What is striking is the lack of publications concerning the application of nurse-oriented coaching, the objective of which would be to reduce the risk of burnout.

CONCLUSIONS

Burnout is a rapidly growing problem that affects medical professionals. It affects not only the employees themselves but also the patients. It is therefore appropriate to undertake preventive actions as soon as possible in order to reduce the probability of burnout. One such action is medical coaching, which played an increasingly influential role in the field of health sciences [inter alia: 13,59,60] and medicine [inter alia: 27,61,62,78]. De Souza and Viney [78] note that this element is necessary in medicine.

The majority of research concerning coaching as a method potentially reducing the risk of burnout (see Table 1) encompassed physicians as well as medical and dental students. This group is observed to experience high levels of stress and burden [28,75,76].

It seems that health/medical coaching can be an effective intervention that reduces the risk of burnout in a group of medical professionals. There is no doubt that further research is necessary in order to verify the efficacy of coaching as a form of education and strengthening the motivation of medical personnel. In the group of medical professionals, the individuals running the highest risk of negative consequences are nurses, who – due to the specific nature of their job – struggle with a high emotional burden. It seems that they should be the primary target of coaching programs. However, it is difficult to clearly indicate the efficacy of coaching among nurses. The reason for this is that the issue first needs to be explored. It still remains an open question whether a coaching program targeted at a specific group of medical professions, such as nurses, should be more universal, concentrating on concrete skills and needs of the entire professional group, or whether it should be dedicated to given specializations, for example nurses working in psychiatry, hospices, palliative care units, admission rooms, or intensive care units. This is related to a significant problem of a practical nature, because the individualization of programs entails higher costs. On the other hand, the results could potentially be more effective.

Conflicts of interests

There are no conflicts of interests regarding the publication of this article.

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