

Religious Involvement, Spirituality, and Medicine: Implications for Clinical Practice

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Surveys suggest that most patients have a spiritual life and regard their spiritual health and physical health as equally important. Furthermore, people may have greater spiritual needs during illness. We reviewed published studies, meta-analyses, systematic reviews, and subject reviews that examined the association between religious involvement and spirituality and physical health, mental health, health-related quality of life, and other health outcomes. We also reviewed articles that provided suggestions on how clinicians might assess and support the spiritual needs of patients. Most studies have shown that religious involvement and spirituality are associated with better health outcomes, including greater longevity, coping skills, and health-related quality of life (even during terminal illness) and less anxiety, depression, and suicide. Several stud-

ies have shown that addressing the spiritual needs of the patient may enhance recovery from illness. Discerning, acknowledging, and supporting the spiritual needs of patients can be done in a straightforward and noncontroversial manner. Furthermore, many sources of spiritual care (eg, chaplains) are available to clinicians to address the spiritual needs of patients.

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AA = Alcoholics Anonymous; CBT = cognitive-behavioral therapy; CHD = coronary heart disease; CI = confidence interval; HIV = human immunodeficiency virus; HRQOL = health-related quality of life; OR = odds ratio; TSF = 12-step facilitation

When people consult physicians to determine the cause and treatment of an illness, they may also seek answers to existential questions that medical science cannot answer (eg, “Why is this illness happening to me?”).¹ Many patients rely on a religious or spiritual framework and call on religious or spiritual care providers to help answer these questions. Indeed, throughout history, religion and spirituality and the practice of medicine have been intertwined. As a result, many religions embrace caring for the sick as a primary mission, and many of the world’s leading medical institutions have religious and spiritual roots.

The word *religion* is from the Latin *religare*, which means “to bind together.”² A religion organizes the collective spiritual experiences of a group of people into a system of beliefs and practices. *Religious involvement* or *religiosity* refers to the degree of participation in or adherence to the beliefs and practices of an organized religion. *Spirituality* is from the Latin *spiritualitas*, which means “breath.”² It is a broader concept than religion and is primarily a dynamic, personal, and experiential process. Features of spirituality include quest for meaning and purpose, transcen-

dence (ie, the sense that being human is more than simple material existence), connectedness (eg, with others, nature, or the divine), and values (eg, love, compassion, and justice).³ Even though some people who regard themselves as spiritual do not endorse a formal religion, religious involvement and spirituality are overlapping concepts.⁴ Experientially, both may involve a search for meaning and purpose, transcendence, connectedness, and values. In this light, religious involvement is similar to spirituality. Spirituality may also have communal or group expression; when this expression is formalized, spirituality is more like an organized religion.⁵ Because of this overlap, religious involvement and spirituality are considered together in this article.

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Religion and spirituality are among the most important cultural factors that give structure and meaning to human values, behaviors, and experiences.⁶ In fact, most people report having a spiritual life. Surveys of the general population⁷ and of patients^{8,9} have consistently found that more than 90% of people believe in a Higher Being. Another survey⁸ found that 94% of patients regard their spiritual health and their physical health as equally important. Most patients want their spiritual needs met and would welcome an inquiry regarding their religious and spiritual needs.^{8,10,11} Finally, a survey of family physicians found that 96% believe spiritual well-being is an important factor in

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health.¹² Despite these findings, the spiritual needs of patients are often ignored or not satisfied^{8,9,13} (unpublished data, Mayo Patient Expectations Survey, 1994).

Physician interest in patient spirituality has increased because of a growing number of studies that have shown an association between increased religious involvement and spirituality and better health outcomes.¹⁴ In this article, we review these studies and provide suggestions on how clinicians may assess and support the spiritual needs of patients.

METHODS

We reviewed published studies, meta-analyses, systematic reviews, and subject reviews that examined the association between religious involvement and spirituality and physical health, mental health, health-related quality of life (HRQOL), and other outcomes. Studies selected used validated measures of religious involvement (eg, attendance at religious services) and spirituality (eg, scales of spiritual well-being) and statistical testing for significance. In addition, we reviewed articles that provided suggestions on how clinicians might ethically assess and support the spiritual needs of patients. Relevant articles were identified by conducting a MEDLINE search (1970-2000) and by using the following search terms: *religion*, *religiosity*, and *spirituality* each alone and each with *epidemiology*, *mortality*, *cardiovascular disease*, *cancer*, *depression*, *anxiety*, *substance abuse*, *suicide*, *coping*, and *quality of life*. The reference lists of identified articles were also reviewed for additional relevant studies, articles, textbooks, annotated bibliographies, and other sources.

USE OF RELIGIOUS AND SPIRITUAL VARIABLES IN MEDICAL RESEARCH

Religious and spiritual variables are not widely used in medical research. For example, a review¹⁵ of 2348 studies published in 4 major psychiatry journals between 1978 and 1982 revealed that only 59 (2.5%) used a religious or spiritual variable. A later review¹⁶ of the same journals for 1991 to 1995 revealed that only 1.2% of studies used such a variable. Similar reviews have shown that only 3.5% of family practice studies,¹⁷ 1.1% of internal medicine studies,¹⁸ 11.8% of adolescent health studies,¹⁹ 10% of nursing mental health studies,²⁰ and 3.6% of gerontology studies²¹ used religious or spiritual variables. Neglect of religious and spiritual variables in medical research may be due, in part, to the reliance on the biomedical model in which physical evidence is paramount. While the biomedical model is excellent for describing certain disease mechanisms (eg, viral illnesses), it is reductionistic and has difficulty accounting for psychological, sociological, and spiritual factors that influence most, if not all, illnesses.²²

Of the studies that have considered the effects of religious or spiritual factors on health, most have used measures of religious involvement (eg, frequency of attendance at religious services and scales of religiosity), not measures of spirituality. The main reason for this practice is the greater consensus on how to define and measure religious involvement as opposed to spirituality.

RELIGIOUS INVOLVEMENT, SPIRITUALITY, AND PHYSICAL HEALTH

A majority of the nearly 350 studies of physical health and 850 studies of mental health that have used religious and spiritual variables have found that religious involvement and spirituality are associated with better health outcomes.²³

Mortality

During the past 3 decades, at least 18 prospective studies have shown that religiously involved persons live longer.²⁴⁻⁴¹ The populations examined in these studies include not only entire communities but also specific groups. The religious and spiritual variables used in these studies include membership in a religious congregation,^{27,29,32} attendance at religious services,^{24-26,28,30,31,33,34,36-40} living within a religious community,³⁵ and self-reported religiosity.⁴¹ One study⁴² of hospitalized veterans, however, found no relationship between religious involvement, religious coping, and mortality.

Recent prospective studies have carefully controlled for potential confounding variables.⁴³ A 28-year study³⁶ of 5286 adults (age, 21-65 years) found that frequent (\geq once a week) attenders of religious services were 23% less likely than nonattenders to die during the follow-up period (relative hazard, 0.77 [95% confidence interval (CI), 0.64-0.93]) adjusted for age, sex, ethnicity, education, baseline health status, body mass index, health practices, and social connections. Notably, this study also found that mobility-impaired persons were more likely to be frequent attenders than nonattenders. A 5-year study³⁷ examined the same relationship in 1931 adults (age, \geq 55 years). Frequent attenders were 24% less likely to die than nonattenders during the follow-up period (relative hazard, 0.76 [95% CI, 0.62-0.94]) adjusted for age, sex, marital status, income, education, employment status, ethnicity, baseline health status, physical functioning, health habits (eg, exercise, smoking), social functioning and support, and mental health status. A 6-year study⁴⁰ examined the same relationship in 3968 adults (age, \geq 65 years). Frequent attenders were 28% less likely than infrequent (\leq once a week) to die during the follow-up period (relative hazard, 0.72 [95% CI, 0.64-0.81]) adjusted for demographic factors, health conditions, social connections, and health practices. Finally, a

9-year study³⁹ of a nationally representative sample of 22,080 US adults (age, ≥ 20 years) found the risk of death for nonattenders to be 1.87 times the risk of death for frequent attenders ($P < .01$) after controlling for numerous demographic, baseline health, behavioral, social, and economic variables.

A recent meta-analysis⁴⁴ of 42 studies of nearly 126,000 persons found that highly religious persons had a 29% higher odds of survival compared with less religious persons (odds ratio [OR], 1.29 [95% CI, 1.20-1.39]). The authors could not attribute the association to confounding variables or to publication bias.

Cardiovascular Disease

Studies have found that religious involvement is associated with less cardiovascular disease. A case-control study⁴⁵ found that secular Jewish persons had significantly higher odds of first myocardial infarction compared with Orthodox Jewish patients (OR, 4.2 [95% CI, 2.6-6.6] for men, 7.3 [95% CI, 2.3-23.0] for women) adjusted for age, ethnicity, education, smoking, physical activity, and body mass index. A 23-year prospective study⁴⁶ of 10,059 male Israeli civil servants and municipal employees found that Orthodox Jewish men had a 20% decreased risk of fatal coronary heart disease (CHD) compared with nonreligious men adjusted for age, blood pressure, lipids, smoking, diabetes, body mass index, and baseline CHD. A prospective study⁴⁷ of 232 people (age, ≥ 55 years) undergoing elective heart surgery found that lack of participation in social groups and lack of strength or comfort from religion were the most consistent predictors of death adjusted for age, previous cardiac surgery, and preoperative functional status. Finally, of 16 studies examined in a recent review,⁴⁸ 12 found that religious involvement was associated with less cardiovascular disease or cardiovascular mortality.

Hypertension

Studies have found that religious involvement is associated with lower blood pressure and less hypertension. A recent study⁴⁹ examined the relationship between religious activities and blood pressure in a sample of 3963 community-dwelling adults (age, ≥ 65 years) using data from 3 time periods. Adjusted for age, ethnicity, sex, education, functional status, body mass index, and previous blood pressure, frequent (\geq once a week) attenders of religious services had consistently lower systolic and diastolic blood pressures compared with infrequent attenders. Furthermore, frequent attenders who engaged in private religious activities (eg, prayer) were 40% less likely to have diastolic hypertension (>90 mm Hg) compared with infrequent attenders or those who did not engage in private religious activities (OR, 0.60 [95% CI, 0.48-0.75]). Religiously in-

involved persons were also more likely to be compliant with their medicines. However, this difference did not account for the observed differences in blood pressures.

Other recent studies^{50,51} have found that, after adjusting for known risk factors for hypertension, self-rated importance of religion, intrinsic religiosity, and religious coping were associated with reduced blood pressure and hypertension. Finally, of 16 studies examined in a recent review,⁴⁸ 14 found that religious involvement was associated with lower blood pressure. The same review also examined 13 clinical trials of the effects of religious or spiritual practices (eg, meditation) on blood pressure. Of these, 9 found that these practices significantly reduce blood pressure.

Other Studies of Physical Health

Studies have shown that religious involvement is associated with health-promoting behaviors such as more exercise,⁵²⁻⁵⁴ proper nutrition,^{52,53} more seat belt use,⁵² smoking cessation,⁵⁴ and greater use of preventive services.²⁵ In addition, religious involvement predicts greater functioning among disabled persons.⁵⁵ Finally, religious involvement is associated with fewer hospitalizations and shorter hospital stays.⁵⁶ Only a few inconclusive studies have been done of the relationship of religious involvement and spirituality with cancer risk and mortality.⁴⁸

RELIGIOUS INVOLVEMENT AND SPIRITUALITY IN TERMINALLY ILL PATIENTS

The World Health Organization definition of palliative medicine emphasizes the psychosocial and spiritual aspects of care.⁵⁷ End-of-life care addresses not only physical symptoms but also psychosocial and spiritual concerns. Terminally ill patients derive strength and hope from spiritual and religious beliefs.^{58,59} Indeed, terminally ill adults report significantly greater religiousness⁶⁰ and depth of spiritual perspective⁶¹ compared with healthy adults. Greater depth of spiritual perspective is associated with greater sense of well-being.⁶¹ Studies^{58,62} also suggest that religiously involved persons at the end of life are more accepting of death, unrelated to belief in an afterlife. Finally, intrinsic religiosity^{63,64} and religious involvement⁶⁵ are associated with less death anxiety.

RELIGIOUS INVOLVEMENT, SPIRITUALITY, AND MENTAL HEALTH

Depression

Depression is a common illness; 6% to 10% of the population experience notable depression during their lifetime.⁶⁶ Recent longitudinal studies have examined the relationship between religious involvement and spirituality and depression. One study⁶⁷ examined the effects of self-reported religious salience on the incidence and course of

depression in a community-based sample of 177 persons (age, 55-89 years) in 1 year. Religious salience was associated not only with less risk of depression but also with recovery from depression among those who were depressed at the start of the study (especially those in poor physical health). Another study⁶⁸ examined the association between intrinsic religiosity and remission of depression among 94 depressed medically ill men (age, ≥ 60 years) in 1 year. After adjustment for 27 potential confounding variables, intrinsic religiosity was significantly associated with a greater likelihood of remission and a more rapid remission from depression.

In a study⁶⁹ of the treatment of depressed religious persons, standard cognitive-behavioral therapy (CBT) was compared with standard CBT with religious content and with pastoral care alone. The patients who received CBT with religious content or pastoral care alone had significantly less posttreatment depression compared with those who received standard CBT. In a similar study,⁷⁰ investigators randomly assigned religious Muslim patients with depression to standard therapy (medications and supportive psychotherapy) or to standard therapy with religious psychotherapy. Those receiving religious psychotherapy experienced a significantly more rapid recovery than those receiving standard therapy alone.

A recent review⁷¹ examined the relationship between religious involvement and depression. Of 29 studies that examined this relationship, 24 found that religiously involved persons had fewer depressive symptoms and less depression, whereas the remaining 5 studies found no association.

Anxiety

Religious involvement has been shown to be associated with less anxiety. One study⁷² examined the relationships between multiple religious variables (eg, attendance at religious services, self-rated importance of religion, and private religious activities) and recent and lifetime anxiety disorders among nearly 3000 adults. Controlled for sex, chronic illnesses, negative life events, and socioeconomic status, religious involvement was associated with decreased recent and lifetime anxiety among the youngest patients (age, 18-39 years), but not among the oldest (age, 60-79 years). Another study⁷³ examined the relationship between spiritual well-being and anxiety in 114 adults with newly diagnosed cancer. Patients with high levels of spiritual well-being had lower levels of anxiety regardless of sex, age, marital status, diagnosis, group participation, or time since diagnosis.

Notably, 2 randomized clinical trials^{70,74} involving religious Muslim patients with anxiety disorder compared standard therapy (medications and supportive psychotherapy) with standard therapy and religious psycho-

therapy. Those who received religious psychotherapy experienced a significantly more rapid recovery than those receiving standard therapy alone.

A recent review⁴⁸ of nearly 70 cross-sectional and prospective studies found that religious involvement is associated with less anxiety or fear.

Substance Abuse

Religious persons are less likely to use or abuse alcohol and other drugs.^{52,53,75} A review⁷⁶ of 20 studies published before 1976 found that religious involvement was associated with less substance abuse, whether the study was prospective or retrospective and whether the measure of religious involvement was defined as membership, active participation, religious upbringing, or self-reported religious salience. More recent reviews^{48,77} have found similar results.

Longitudinal studies of religious involvement and substance abuse have been done. One prospective study⁷⁸ of 1014 male medical students found that religiously involved students were much less likely to abuse alcohol than their nonreligious colleagues during a 20-year follow-up period. One randomized trial⁷⁹ compared spiritually based 12-step facilitation (TSF) therapy with CBT and motivational enhancement therapy for alcoholism. The TSF was designed to engage patients in Alcoholics Anonymous (AA) and to assist patients through the first steps of the AA spiritual program. Compared with the other groups, TSF patients were significantly more likely to achieve complete abstinence.

A recent review⁸⁰ concluded that there is strong evidence that religious or spiritual involvement is associated with decreased risk of substance abuse, persons with addictions are more likely to report a lack of religious affiliation and involvement, and spiritually focused interventions (ie, focused on meaning and purpose, not necessarily on specific religious beliefs) and practices (eg, prayer) may facilitate recovery.

Suicide

The inverse relationship between religious involvement and suicide was first reported in 1897.⁸¹ Since then, a number of studies have confirmed this inverse relationship. Self-reported religiosity⁸² and attendance at religious services⁸²⁻⁸⁴ have been shown to be inversely associated with suicidal ideation. Two large ecological studies^{85,86} of Western countries and a cross-sectional study⁸⁷ of a representative sample of Americans found inverse relationships between religious involvement and acceptance of suicide. One study⁸⁸ found that religious detachment was associated with increased suicide risk among Canadian youth. Several large ecological studies have found that belief in God,⁸⁹ attendance at religious services,⁹⁰ self-reported religiosity-

ity,^{86,90} and religious upbringing⁹⁰ were inversely related to national suicide rates. Finally, several prospective studies^{26,35} have found that the risk of completed suicide among religiously involved persons is less than the risk among nonreligiously involved individuals. Despite these findings, most scales currently used by researchers and clinicians to assess suicide risk do not assess patient religiosity or spirituality.⁹¹

RELIGIOUS INVOLVEMENT, SPIRITUALITY, AND COPING WITH ILLNESS

Illnesses may interrupt routines, drain finances, separate families, create situations of dependency, and lead to existential and spiritual concerns.⁵⁷ Not only do many people rely on their religious beliefs and spirituality to cope with illness, but these people may also cope with illness more effectively than persons without such beliefs.⁷⁵ Religious and spiritual coping are common among persons with asthma,⁹² human immunodeficiency virus (HIV) disease,⁹³ chronic pain,^{94,95} coronary artery disease,^{96,97} end-stage renal disease,^{96,98} multiple sclerosis,⁹⁶ burns,⁹⁹ hip fracture,¹⁰⁰ and cancer.¹⁰¹⁻¹⁰⁹ Religious and spiritual coping are also common among nursing home residents¹¹⁰ and the elderly population.^{111,112} In a study of 157 hospitalized adults with moderate to high levels of pain, prayer was second only to pain medications (76% vs 82%) as the most common self-reported means of controlling pain.⁹⁴

Religious and spiritual coping may have important prognostic implications. Cross-sectional and longitudinal studies have shown that religious and spiritual coping are associated with less depression during illness.^{100,112-115} One study¹¹³ examined the relationship between religious coping and depression among 850 men (age, >65 years) who had no history of mental illness and were hospitalized for a medical illness. After adjustment for sociodemographic and baseline health variables, depressive symptoms were inversely related to religious coping. In addition, religious coping was the only baseline variable that predicted less depression 6 months later.

Religious and spiritual coping have also been shown to lessen the negative impact physical illness has on functional status.^{75,113} The greater the religious and spiritual coping, the greater the level of physical illness needed to produce a given level of disability. Finally, religious and spiritual coping have been shown to buffer the noxious effects of stressful life events (eg, death of spouse, divorce) among the elderly population.¹¹⁶

RELIGIOUS INVOLVEMENT, SPIRITUALITY, AND HRQOL

The terms *quality of life* and more specifically *health-related quality of life* refer to the distinct physical, psycho-

logical, social, and spiritual domains of health that are influenced by a person's experiences, beliefs, expectations, and perceptions.¹¹⁷ Studies have shown that religious involvement and spiritual well-being are associated with high levels of HRQOL in persons with cancer,^{65,118-121} HIV disease,^{118,121} heart disease,⁶⁵ limb amputation,¹¹⁹ and spinal cord injury.¹¹⁹ This direct relationship between spirituality and HRQOL persists despite declines in physical functioning.^{118,121} One study¹²¹ of 1620 persons with cancer and HIV disease found that spiritual well-being predicted higher HRQOL independent of physical, emotional, and social well-being.

POSSIBLE BENEFICIAL MEDIATORS ASSOCIATED WITH RELIGIOUS INVOLVEMENT AND SPIRITUALITY

Like other factors that promote health (eg, exercise), religious involvement and spirituality likely enhance resistance to disease through the interaction of multiple beneficial mediators. As noted previously, religiously involved persons are more likely to embrace health-promoting behaviors such as eating a proper diet, eschewing risky behaviors such as smoking, seeking preventive services, and being compliant with treatments. Members of a religious group may have a shared genetic ancestry that promotes health.¹²² Religiously involved persons often have strong social support systems, the physical and mental health benefits of which are well known.^{54,122-124} However, these factors do not account for all the health benefits of religious involvement and spirituality. Recent large prospective studies have adjusted for these factors and still have found a significant relationship between religious involvement and spirituality and positive health outcomes.⁴³

Hence, other factors likely contribute to the health benefits of religious involvement and spirituality. Religious and spiritual practices (eg, meditation, prayer, and worship) engender positive emotions such as hope, love, contentment, and forgiveness and limit negative emotions such as hostility. Positive emotions, in turn, can lead to decreased activation of the sympathetic branch of the autonomic nervous system and the hypothalamic-pituitary-adrenal axis (and decreased release of stress hormones such as norepinephrine and cortisol). This response has psychological effects (eg, less anxiety) and physiological effects (eg, decreased blood pressure, heart rate, and oxygen consumption) that may lead to better health.^{123,124} Compared with uninvolved persons, religiously involved persons have enhanced immune function.⁴⁸ The placebo effect is a commonly observed phenomenon in medical research and practice. Religiously involved persons may have greater optimism and expectation for better health outcomes and hence benefit from the placebo effect.¹²²

Table 1. **Religious Involvement, Spirituality, and Health Outcomes***

What the research shows
Most persons have a spiritual life
Most patients want their spiritual needs assessed and addressed
Most studies have found a direct relationship between religious involvement and spirituality and better health outcomes
Supporting a patient's spirituality may enhance coping and recovery from illness
What the research does not show
Religious people don't get sick
Illness is due to lack of religious faith
Spirituality is the most important health factor
Doctors should prescribe religious activities
Other factors explain the association between religious involvement and spirituality and better health outcomes

*Adapted from Levin.¹²²

Nevertheless, not all the mechanisms by which religious involvement and spirituality affect health are understood, and more studies are needed to define them better. These mechanisms undoubtedly involve complex interactions of psychosocial-behavioral and biological processes.⁴⁸ Of note, this article does not account for the religious beliefs (eg, regarding the supernatural) of individuals about the effects of religious involvement and spirituality on health.

NEGATIVE EFFECTS OF RELIGIOUS INVOLVEMENT AND SPIRITUALITY

Few systematic population-based studies have shown that religious involvement and spirituality are associated with negative physical and mental health outcomes. However, like any factor that may affect health (eg, lifestyle choices), religious involvement and spirituality may adversely affect an individual. For example, religious beliefs may adversely affect a person's health by encouraging avoidance or discontinuance of traditional treatments, failure to seek timely medical care, avoidance of effective preventive health measures (eg, childhood immunizations and prenatal care), and religious abuse (eg, allowing for physical abuse of children). Religiously involved persons may have unrealistically high expectations for themselves leading to isolation, stress, and anxiety, or they may alienate themselves from others who do not share their beliefs. Finally, it is well known that unhealthy belief systems (eg, religious fanaticism and cults) can adversely affect health.⁴⁸

Notably, Sigmund Freud and Albert Ellis regarded religious involvement as suggestive of psychopathology.¹²⁵ This opinion, however, was not derived from research. In fact, investigators have tested the hypothesis that religious

involvement is associated with mental illness. A meta-analysis¹²⁶ of 24 such studies found no association between religious involvement and psychopathology.

WHAT CONCLUSIONS CAN BE DRAWN FROM THE RESEARCH?

According to Levin,¹²⁷ to verify a causal relationship between a variable (eg, religious involvement) and a health outcome (eg, mortality), 3 questions must be answered. Is there an association? If so, is the relationship valid? If so, is it causal? Regarding the first question, a majority of nearly 850 studies of mental health and 350 studies of physical health have found a direct relationship between religious involvement and spirituality and better health outcomes.²³

The association between religious involvement and spirituality and better health outcomes seems valid. This association has been found regardless of the study design (eg, prospective, retrospective) and the population studied. In addition, religious and spiritual variables were not the primary ones or the only ones used in most studies. These study design features limit bias. Furthermore, recent well-designed studies have shown a direct relationship between religious involvement and spirituality and better health outcomes even after adjustment for potential confounding variables.⁴³

Whether religious involvement and spirituality cause better health outcomes is more difficult to determine. Levin¹²⁷ describes 9 features of a causal epidemiologic association: strength, consistency, specificity, temporality, biological gradient, plausibility, coherence, experiment, and analogy; for some of these features (strength, consistency, temporality, plausibility, analogy), the published studies support causality, whereas for the others, the evidence is insufficient.

Even though the association between religious involvement and spirituality and better health outcomes appears valid, clinicians should be careful not to draw erroneous conclusions from the research findings (Table 1). For example, the research does not tell us that religious people do not get sick or that illness is due to lack of religious faith.

IMPLICATIONS OF RELIGIOUS INVOLVEMENT AND SPIRITUALITY FOR CLINICAL PRACTICE

Practical Aspects

The results of the surveys and the studies we reviewed suggest that acknowledging and supporting patient spirituality may enhance patient care. Indeed, William Osler¹²⁸ called faith "an unending stream of energy," whereas William Mayo¹²⁹ said, "[T]here is a spiritual as well as a material quality in the care of sick people, and too great efficiency in material details may hamper progress." To-

day, the US Joint Commission on the Accreditation of Healthcare Organizations⁸⁰ recommends and requires the routine assessment of patient spiritual needs, and the American Psychiatric Association¹³⁰ recommends that physicians inquire about the religious and spiritual orientation of patients “so that they may properly attend to them in the course of treatment.” The premise of these comments is that patient care is much more than disease management; it involves addressing the needs of the whole person.

There are specific reasons for the clinician to acknowledge and support a patient’s spirituality. First, patients regard their spiritual health and physical health as equally important.⁸ Second, research suggests that a patient’s spirituality enhances coping and quality of life during illness; it can be a source of identity, meaning, purpose, hope, reassurance, and transcendence, and it can mitigate the uncertainties of illness.^{5,131} Third, acknowledging and addressing a patient’s spirituality may enhance cultural sensitivity.⁵ Fourth, supporting a patient’s spirituality may enrich the patient-physician relationship.^{5,131} Finally, because the goals of medicine are to cure disease when possible and to relieve suffering always,¹³² including spirituality in clinical practice should be within the purview of the physician. Supporting a patient’s spirituality should be viewed in the same light as addressing other psychosocial factors (eg, family discord) that influence the delivery of care and the outcomes of illness.

However, a number of barriers prevent support of patient spirituality. First, many clinicians practice in the biomedical model in which spiritual matters seem less relevant. Second, fewer physicians than patients describe themselves as religious or maintain spiritual orientations.^{9,133,134} Hence, the importance of spiritual matters to patients may be underestimated or unrecognized. Third, the effect of religious involvement and spirituality on health outcomes is taught infrequently in medical training.¹³³ Fourth, some patients (eg, children) may have complex or daunting spiritual needs that may discourage physician involvement.¹³⁵ Finally, the spiritual concerns of patients may not be addressed because of time constraints, lack of confidence in the effectiveness of spiritual care, and role uncertainty (eg, with chaplains).¹³⁶

Ethical Issues

Ethical issues are raised when one includes patient spirituality in clinical practice. Nonmaleficence (“do no harm”) requires that physicians not proselytize. In addition, the results of the studies we reviewed do not justify a physician’s prescription for patients to engage in religious activities.¹³⁷ The ethical physician would not make such recommendations just as she or he would not recommend that patients marry or have children even though these

activities are associated with health benefits.¹³⁷ Finally, religious and spiritual practices should not replace effective allopathic treatments.²³

On the other hand, the beneficent physician acknowledges and supports a patient’s spirituality. Some authors, however, claim that the religious and spiritual concerns of patients are private and that physicians should not inquire about them.¹³⁷ However, a similar case could be made regarding inquiries about patient sexuality, substance abuse, and other sensitive matters. These matters, formerly shunned by physicians, are now discussed openly because of their potential effect on health. The physician’s duty is not to judge a patient’s private attitudes and behaviors but to understand their clinical importance.^{43,138} Hence, physicians should inquire about and support a patient’s spiritual beliefs and needs, especially during severe and terminal illnesses, when they are most likely to affect clinical decisions. Indeed, lack of appropriate spiritual care may constitute a form of negligence.¹³¹

Some authors suggest that physicians ignore patient spirituality because they may not have the knowledge or skills to engage religiously diverse patients in meaningful discussions about their spiritual needs without offending them.¹³⁷ Autonomy, however, requires that physicians respect the decisions of competent patients, which are often based on religious and spiritual beliefs. Furthermore, unrelated to medical decisions, patients often spontaneously raise spiritual issues and concerns with their physicians. Hence, it is difficult for physicians to ignore or avoid patient spirituality.

Taking a Spiritual History

Discerning the spiritual needs of patients can be done by taking a spiritual history. Similar to the social history, the spiritual history informs the physician of the importance of spiritual matters in the life of the patient and how the patient’s spirituality can be used as a source of strength and coping. For terminally ill patients, the spiritual history is regarded as a crucial component of palliative medicine.¹³⁹⁻¹⁴¹

Several formats for taking a spiritual history have been suggested.^{23,133,142} One easy-to-use and practical questionnaire¹⁴³ is shown in Table 2. Additional questions might be: “What helps you get through tough times?”; “To whom do you turn when you need support?”; “What meaning does this illness have for you?”; and “What are your hopes (expectations, fears) for the future?”^{131,144} To our knowledge, there have been no prospective studies of the utility of these questionnaires.

A spiritual history is not necessary for every clinical encounter (eg, patients with mild illnesses such as viral pharyngitis). Some patients, regardless of the severity of their illness, may not welcome in-depth discussion of spiri-

Table 2. The FICA Spiritual History*

Faith: Do you consider yourself spiritual? Do you have a religious faith?
Importance: How important are your religious beliefs and spirituality, and how might they influence decisions related to your health?
Community: Are you part of a religious or spiritual or other community? If so, how does this community support you?
Address: How might I address your spiritual needs?

*Modified from Puchalski and Romer¹⁴³ and used by permission of Christina Puchalski, MD.

tual matters. However, as noted previously, surveys suggest most patients would welcome such inquiries. Furthermore, some patients, especially those with life-threatening or terminal illnesses, may be preoccupied with existential and spiritual concerns such as questioning of faith, lack of meaning and purpose, and mystical and near-death experiences.^{6,145} The spiritual history helps discern these concerns. Finally, the spiritual history may help determine if a patient is open to faith-based interventions (eg, working with a parish nurse).

Sources of Spiritual Care

On its own, the spiritual history can be a form of spiritual care. Allowing patients to voice their spiritual doubts, needs, and concerns may be reassuring and comforting to them.¹⁴⁶ Informing patients of and making available other sources of spiritual care may also be reassuring, limit the isolation caused by illness, and facilitate recovery. Chaplains are an important source of spiritual care. Many medical centers have pastoral care departments staffed by chaplains who represent many religious faiths and denominations. Chaplains can provide patients support, perform spiritual counseling, and meet sacramental needs. They can also provide clinicians advice and guidance about patients who have potentially challenging spiritual issues (eg, children, minorities, and recent immigrants). Pastoral care departments have access to community resources such as local congregations, spiritual care providers representing minority faiths, support groups, and parish nurses. Other important sources of spiritual care include family and

Table 3. Sources of Spiritual Care

Physician and other health care provider acknowledgment and support of a patient's spiritual needs
Chaplains
Family and friends
Community resources (eg, clergy, parish nurses, support groups)
Readily available religious texts and artifacts
Chapels
Quiet rooms, meditation rooms

friends, readily available religious texts, artifacts, hospital chapels, and special rooms devoted to prayer and meditation (Table 3).

CONCLUSIONS

Most patients have a spiritual life and regard their spiritual health and physical health as equally important. Furthermore, people may have greater spiritual needs during illness. Surveys suggest, however, that these needs are not met.

A large and growing number of studies have shown a direct relationship between religious involvement and spirituality and positive health outcomes, including mortality, physical illnesses, mental illness, HRQOL, and coping with illness (including terminal illness). Studies also suggest that addressing the spiritual needs of patients may facilitate recovery from illness.

Although the relationship between religious involvement and spirituality and health outcomes seems valid, it is difficult to establish causality. While religiously involved persons embrace health-promoting behaviors, eschew risky behaviors, and have strong support networks, these factors do not account for all the benefits of religious involvement and spirituality. Rather, these benefits are likely conveyed through complex psychosocial-behavioral and biological processes that are incompletely understood.

Discerning, acknowledging, and supporting the spiritual needs of patients can be done in a straightforward, ethical, and noncontroversial manner and may relieve suffering and facilitate recovery from illness. The spiritual history helps the physician discern the spiritual needs of patients. Furthermore, such inquiry is a form of spiritual care in that it allows patients to voice their spiritual and existential concerns. In addition, many other sources of spiritual care, especially chaplains, are available to clinicians to address the spiritual needs of patients.

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