The Value and Impact of Accreditation in Health Care: A Review of the Literature

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Updated: June 2009
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Published by Accreditation Canada.

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Introduction

Accreditation is an internationally recognized evaluation process used in many countries to assess the quality of health services provided. There are many countries in the world currently embarking on the development of organizations and programs that offer accreditation. It is a means of publicly recognizing that a healthcare organization has met national standards of quality [1]. While it is not possible to draw direct comparisons between countries, as processes of accreditation and the legislation surrounding it vary greatly, this article demonstrates that research and publications on accreditation highlight a number of common themes.

While “empirical evidence to sustain many claims about the benefits of accreditation is currently lacking” [2, 41], this paper provides a review of the literature regarding the value and impact of accreditation in the healthcare sector. It includes research results, gray literature, as well as experience-based articles. It is important to note that this paper is focused on the accreditation of healthcare organizations, including acute care, home care, palliative care and long-term care. It does not include information regarding accreditation as related to educational programs or clinical competence.
Accreditation and standards-setting initially emerged in response to unacceptable variations in the quality of educational institutions [3]. These methods were eventually adopted in other sectors, notably health care. Today, accreditation is affirmed as a process designed to improve the quality, efficiency and effectiveness of a healthcare organization, including its structures, processes and outcomes. Simply put, accreditation is based on the premise that adherence to evidence-based standards will reliably produce higher quality health services, in a safer environment, than would be the case without them. The resultant decreased variation in administrative and clinical structures and processes, similar to the contribution of clinical practice guidelines, is thus a powerful mechanism to improve the quality of health care and ultimately healthcare outcomes.

The identified benefits of accreditation are often viewed as:

- enhancing patient safety by effectively managing and mitigating clinical and safety-related risks [4, 5, 6, 7],
- ensuring an acceptable level of quality among health care providers [4, 5, 7, 8],
- stimulating sustainable quality improvement (QI) and continuously raising the bar with regards to QI initiatives [6, 7, 8, 9],
- enhancing organizations’ understanding of the continuum of care by focusing on performance improvement and outcomes of care [4],
- increasing reputation among end-users and enhancing their awareness and perception of quality care [5, 7, 8, 10, 37, 42],
- promoting capacity-building and organizational learning [4, 5, 7, 38, 39], and
- providing a framework that assists in the creation and implementation of systems and processes which improve operational effectiveness and enhance positive health outcomes [4, 5, 6, 39, 40].

These benefits reflect the current expectations by healthcare organizations and systems, clients, and the public as a whole. They result from the impacts of an organization’s self-assessment, which allows a close look at its strengths and areas for improvement and modification of its priorities; and the accreditation survey and reports, which provide recommendations from surveyors who represent their peer group and have significant experience in the healthcare field, as well as assisting organizations to focus on outcomes measurement to allow them to benchmark themselves with other healthcare organizations. The question then becomes, are these benefits validated by current research?
The positive impacts of accreditation

The positive impacts of accreditation within the literature are noted as follows:

- improves communication and collaboration, both internally as well as with external stakeholders and community partners [5, 10, 11, 12, 13, 14, 37],
- strengthens interdisciplinary team effectiveness, contributing to better patient outcomes [1, 9, 15, 16, 17, 37],
- demonstrates commitment to quality, accountability, as well as increased credibility of healthcare organization [6, 7, 9, 18, 19, 20, 38, 42],
- strengthens professional development, organizational learning and capacity building [1, 8, 13, 17, 20, 21, 22, 36, 39, 40],
- provides an opportunity for additional funding and/or decreased liability costs [7, 13],
- increases effective risk management and mitigation, including enhanced patient safety [4, 7, 16, 19, 22, 23, 24, 25],
- sustains improvements in quality and organizational performance [24, 25, 26, 37, 39],
- enables ongoing self-analysis of performance in relation to standards [7, 8, 9, 11, 12, 21, 22, 38],
- codifies policies and procedures [10, 16, 18, 26, 36],
- decreases variances in practice between healthcare providers [3, 6],
- provides consistency and meaning associated with the objective peer review process [5, 9, 14, 22, 27], and
- provides an impetus for change and its effective management [6, 13, 18, 26, 36, 39, 40].
Concerns regarding accreditation

Achieving and maintaining accreditation status requires a significant investment of resources. For many organizations, there may be a question as to whether accreditation is worth the time, effort and cost, as well as whether or not it demonstrates a quantifiable improvement in healthcare delivery and outcomes [18].

Some of the common concerns identified include:

- lack of research demonstrating a strong link between accreditation status and client outcomes [3, 6, 7, 17, 18, 19, 25, 28, 29, 41, 42],
- not enough diversity in the results, and results are too “soft” (resulting in excessively positive results) [3, 7, 30],
- there are potentially other methods for assessing and ensuring quality (i.e. use of information technology and performance measures) [3, 5, 19, 30],
- generally the process includes periodic, as opposed to continuous, assessment which leads to a more reactive than forward-looking focus and can be a factor in persistent quality deficiencies or critical adverse events [3],
- being typically reliant on data collected through organizations’ self-assessment which has the potential to be incomplete or inaccurate [3, 22],
- valuing uniformity and adherence to standards as opposed to individual organizations’ performance and innovation [3],
- the accreditation process being stressful, time consuming, and require a serious investment of resources [7, 8, 36],
- there are risks involved (i.e. risk of attaining non-accreditation status) [8], and
- accreditation may be slow to adapt to changing concepts of quality and performance [3].
Research Gaps

There are mixed views and inconsistent findings regarding the impact of accreditation on client outcomes. Existing research lacks rigorous in-depth analysis of the accreditation process and the relationship between accreditation and performance, outcomes, quality improvement, and patient safety [2, 12, 40]. While there is no conclusive evidence on the direct impact of accreditation on client outcomes, there is some indication that if accreditation strengthens interdisciplinary team effectiveness, communication, and enhanced use of indicators leading to evidence-based decision making, then accreditation contributes to improving health outcomes [31].

The following articles make a convincing appeal for more research into a variety of areas:

- to determine the impact of accreditation on patient care and outcomes [1, 3, 4, 5, 9, 18, 25, 36, 37, 40],
- to determine how best to research the validity, impact and value of accreditation processes in health care [2, 30, 35],
- to determine value for time and money [8, 17, 24, 29, 32, 33], and
- to determine the reliability of accreditation surveys to assess the quality of organizations [12, 27, 34].

To this end, studies focusing on the impact of accreditation are being undertaken by researchers in Canada and worldwide. These studies address a broad spectrum of topics relevant to accreditation, such as examining the relationships between accreditation status and processes, the clinical performance and culture of healthcare organizations, the impact of accreditation on the quality of health care, the analysis of accreditation processes, and the relationships between accreditation and performance.
Discussion and Conclusion

Accreditation is perceived as a key component in strengthening quality improvement and enabling patient safety initiatives. For organizations and programs that participate in accreditation, they are confirming their commitment to quality improvement, patient safety, improved efficiency and the demonstration of accountability. This is a powerful message to key decision-makers and the public in today’s dynamic healthcare environment.

Accreditation organizations are uniquely positioned to provide a comprehensive look at the challenges and successes healthcare organizations experience, and to identify prevalent themes in the provision and delivery of healthcare services. Equally important, the data collected through accreditation can be leveraged as a valuable resource for healthcare providers, governments, and policy-makers, thus contributing to effective decision-making and ongoing quality improvement on a national basis.

While a number of positive benefits regarding the value and impact of accreditation have been highlighted above, many of the articles published on the subject call for more research in this area. It is encouraging to see a number of Canadian and international researchers focusing in this area. Until empirical, evidence-based research on accreditation is complete, there will continue to be questions raised, regarding the value and impact of accreditation.

*As new research findings and relevant literature are identified, the content of this report will be updated.*
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