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Response of Chiropractic Organizations to the COVID-19 Pandemic: A Descriptive Report



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ABSTRACT

Objective: The purpose of this report is to describe actions by chiropractic entities during the early stages of the coronavirus disease 2019 (COVID-19) pandemic.

Methods: Large entities that support chiropractic education or practice were invited to participate in this report. Leaders of various entities were emailed an invitation. A designee who was assigned by the leader provided a brief synopsis of actions the entity had taken in response to the COVID-19 pandemic. Only entities that responded are included in this report.

Results: Five entities agreed to participate: The Council on Chiropractic Education, Association of Chiropractic Colleges, Federation of Chiropractic Licensing Boards, National Board of Chiropractic Examiners, and the National Chiropractic Mutual Insurance Company. Common themes included (1) recognizing the crisis and taking action, (2) establishing a safe working environment for staff so that services could continue, (3) delivering communications to stakeholders (chiropractic students, practitioners, licensing boards, and others) to guide decisions and direct actions, and (4) continuing to monitor the situation and respond as new information becomes available.

Conclusion: These entities serve a large portion of the chiropractic profession. They have been quick to respond in a responsible, compassionate, and supportive manner to assist chiropractic licensing boards, practitioners, and students during the COVID-19 pandemic. These findings are encouraging as the chiropractic profession looks to the future as it navigates changes in education and the health care environment in the months and years ahead. (J Manipulative Physiol Ther 2020;43;405.e1–405.e7)

Key Indexing Terms: Health Occupations; Chiropractic; COVID-19; Pandemics

Introduction

Coronavirus disease 2019 (COVID-19), caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), was discovered in late 2019. This deadly disease has infected millions and has taken thousands of lives, and these numbers continue to climb. The World Health Organization has developed multiple measures to respond

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Paper submitted April 15, 2020; in revised form April 17, 2020; accepted April 17, 2020.

0161-4754

© 2020 by National University of Health Sciences. https://doi.org/10.1016/j.jmpt.2020.04.001

to this pandemic, including providing resources and recommendations for action.³ This pandemic has created unique challenges to the practice and education of health professionals around the world. Chiropractors, and the patients and public they serve, are facing unknown territory as they navigate health care and the public health response.

According to the World Federation of Chiropractic, there are nearly 104 000 chiropractors in the world. Most chiropractic health care providers (74%) practice in the United States (77 000), followed by Canada (8500), Australia (5277), and the United Kingdom (3200). Chiropractic is a recognized and licensed health care profession in many world regions and "is one of the healing professions dedicated to conservative and natural methods of health care and recognizes the body's innate ability to heal." Chiropractors care for patients, primarily focusing on physiological and biomechanical aspects of health, including spinal, musculoskeletal, neurologic, emotional, and environmental relationships.

Chiropractors are part of the health care workforce, collaborate with other providers to provide the best care possible to their patients and the public, and value public health principles.^{6,7} According to a recently published practice analysis of the chiropractic profession in the United States,

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chiropractors continue to develop to meet the needs of the public. The report showed that most doctors of chiropractic (DCs) (64%) are sole proprietors, and 17% are employed by other health care professionals or organizations, including multidisciplinary health care facilities. Most DCs (84%) are considered general practice, and 65% focus on wellness and maintenance of health. Most DCs in the United States report that they are science based and use current chiropractic and medical research when making patient care decisions (90%).

The chiropractic profession is well known for its high rates of patient satisfaction and a hands-on approach to patient care. People seek out chiropractic care for a variety of health concerns.⁸ A Gallup study in 2015 reported that more than 33 million American adults visited a DC in the prior year. 10 The median 12-month utilization of chiropractic services has been estimated to be 9.1% globally. II Approximately 29% of adults aged 65 years and older report using complementary health approaches, of which over 60% stated these approaches were important for maintaining their health and well-being. Of those who have used complementary methods, 8% reported using chiropractic care in the last year. 12 Managing this section of the population is especially relevant because COVID-19 seems to result in greater morbidity and mortality with older adults. 13,14

Many entities are integral to the education, practice, and licensure of the chiropractic profession. For example, chiropractic educational institutions in the United States are accredited by the Council on Chiropractic Education (CCE), which is a programmatic accrediting agency. Doctor of chiropractic programs (DCPs) are supported by the Association of Chiropractic Colleges (ACC), an organization composed of leaders from chiropractic training programs. The National Chiropractic Mutual Insurance Company (NCMIC) provides multiple services to chiropractic practitioners, such as insurance and financial products. The Federation of Chiropractic Licensing Boards (FCLB) membership is composed of legislatively created boards delegated with the authority to regulate the profession in the interest of public protection. The National Board of Chiropractic Examiners (NBCE) provides services for qualifying examinations. All these entities provide essential support functions for the chiropractic profession.

Chiropractic practitioners, students, and licensing boards often look to chiropractic entities for guidance, especially during a time of crisis. However, it is unknown how the profession, in general, has been responding to the needs of its stakeholders during this time of social distancing and stay-at-home orders during the pandemic. Therefore, the purpose of this article is to describe responsive actions by entities, which support chiropractic education or practice, in the early stages of the COVID-19 pandemic.

METHODS

Multiple entities that support education or practice for most of the chiropractic profession were identified to participate in this report. The leader of each entity was sent an e-mail invitation to contribute to this report. Several reminders were e-mailed, and those who declined or did not respond were not included in this report. Of those who did reply, each leader was asked to assign a designee to provide a description of their entity and a brief synopsis of actions their organization has taken in response to COVID-19. Only those who responded were included. A summary report was created from their responses.

RESULTS

Below is a description of each entity and how it responded to the COVID-19 pandemic in the first several months of the outbreak. These findings may be used as examples for how the profession has responded to the COVID-19 crisis to support DCs, chiropractic students, and the public.

Council on Chiropractic Education

The CCE was incorporated in 1971, and its mission is "To assure the quality and integrity of its accredited DCP and residency programs." Accreditation provides assurances of educational quality and institutional integrity to governments, jurisdictional licensing and regulatory bodies, institutions, professional organizations, students, other accrediting agencies, and the public at large.

Within the United States, the CCE currently accredits 16 DCPs, at 19 locations, and 5 chiropractic residency programs. The purpose of the CCE is to promote academic excellence and to ensure the quality of chiropractic education. The CCE maintains recognition by the US Department of Education as the only national programmatic accrediting agency for DCPs of higher education. The CCE is recognized by the Council for Higher Education Accreditation and is a member of the Association of Specialized and Professional Accreditors and the Council for Higher Education Accreditation International Quality Group.

CCE Response to COVID-19. In response to the COVID-19 pandemic, the CCE has taken proactive steps as it pertains to DCPs and how accreditation processes affect them during this crisis. In the first days of March 2020, CCE staff worked with staff and administrators of DCPs to transition upcoming site visits at DCPs from in-person to virtual meetings. Where the site visits could not be done virtually, the CCE staff members have rescheduled those visits to a later time. The CCE also extended the call for applications to its Site Team Academy from the original date of March 31, 2020 to April 30, 2020, in anticipation that potential

candidates from programs may need more time to complete applications.

On March 12, 2020, Dr. Craig Little, CCE president/ chief executive officer, sent a communication to the leaders of chiropractic programs to promote open communication between the CCE and all accredited programs related to education delivery and programmatic accreditation requirements during the COVID-19 pandemic. This communication emphasized the CCE's commitment to promoting flexibility in response to COVID-19 while assuring compliance with accreditation standards. The CCE provided guidance in allowing flexibility of course delivery temporarily, without the need for a Substantive Change Request that typically would be required. This is important, as Substantive Change Requests are lengthy applications for any significant change to a chiropractic program and are only reviewed biannually by the Council. Thereby, this action helped to avoid any delay that would have been caused by waiting for a Substantive Change approval, which would have hindered a program's ability to shift educational delivery rapidly enough to keep programs on track with education delivery and assessment of learning.

On March 27, further communications were sent to DCP leaders regarding their challenges in responding to the COVID 19 crisis. The communication included an invitation to participate in an Internet survey to identify changes that programs may need to respond to COVID-19. A CCE "Communication, Guidance & FAQs on COVID-19" webpage was created on the CCE website to share the questions and responses to all CCE stakeholders, and this information continues to be updated. ¹⁶

The CCE responses have included promoting flexibility for all accredited DCPs to develop innovative responses in this time of crisis and use distance learning and technology to keep learning on track for students. At the same time, programs must continue to document the purposeful and meaningful involvement/interactions of faculty with students to ensure program quality and the assessment of education competency outcomes.

Before the COVID-19 pandemic, as appropriate to the specific meta-competency outcome, most assessments of student competency were to be performed in the context of the clinical workplace in patient care settings. As a temporary measure, and in response to COVID-19, the CCE is encouraging programs to be as flexible and creative as possible in finding solutions in the assessment of meta-competency outcomes. Because of social distancing and stay-athome orders, in-person clinic visits for chiropractic students are not available currently. To facilitate teaching and learning temporarily, programs may now incorporate patient recordings, patient simulations, student demonstrations, clinical case studies, review of patient files, clinical rationale discussions, and other scenarios, as determined to be the next best option for the specific meta-competency outcome evaluated.

The CCE will continue its communication and collaboration with programs while moving forward together to ensure the educational process of chiropractic students continues without protracted interruption. The collaborative effort between higher education and accreditation personnel will continue throughout this crisis. Going forward, the CCE will continue to collaborate to promote a new normal in assuring quality and integrity in chiropractic education for all stakeholders.

Association of Chiropractic Colleges

The ACC began in 1984 and is a leadership organization of DCPs in the United States and Canada that serves to advance excellence in education by leading a mutually supportive chiropractic academic community and by supporting student learning, research, and evidence-informed practice.¹⁷ The mission and purpose express commitment to chiropractic education, research, and public service. The ACC supports alternative educational methods demonstrating a commitment to the future of chiropractic education. The ACC assists prospective students in locating accredited DCPs, provides associated entrance requirements, and characterizes the benefits and rewards of obtaining a chiropractic education. The ACC supports its member institutions in advancing chiropractic education, graduating competent health care professionals, conducting scholarship and research, and carrying out public service to enhance the health of the public. The ACC promotes scholarly activity by publication of its journal, The Journal of Chiropractic Education, twice a year and holding an annual Association of Chiropractic Colleges-Research Agenda Conference (ACC-RAC). 18,19 The annual ACC-RAC conference focuses on clinical, basic sciences, educational research, and professional integration. The conference promotes institutional and academic excellence; learning; and bringing together of staff, administration, and faculty for group meetings and peer-reviewed presenta-

ACC Response to COVID-19. In response to the COVID-19 pandemic, the ACC took action to ensure DCPs are continuing to offer high-quality education and is working with the leadership of the CCE during this process. The ACC collaborated with the CCE to create a directive that grants DCPs the ability to employ distance learning without having to petition the CCE for permission to implement substantial changes. This action ensures that DCPs continue to offer a seamless educational experience. As a result of the public safety concerns related to COVID-19, the ACC canceled the 2020 ACC-RAC that was scheduled to be held in March to reduce the risk of exposure to the attendees. The ACC implemented alternative methods such as video and teleconferencing to allow ACC groups to meet. The ACC worked with the National Association of Independent Colleges and Johnson et al

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Universities regarding student loans and educational support in federal relief programs.

Federation of Chiropractic Licensing Boards

The FCLB began as an organization in 1926 and is an international resource for information and consolidated services for ensuring the safe, ethical practice of chiropractic. The FCLB is a nonprofit organization with a mission to protect the public by promoting excellence in chiropractic regulation. The FCLB membership is composed of the US chiropractic licensing boards, certain Canadian provincial registration boards, and the chiropractic licensing board of New Zealand. The FCLB lessens burdens on state governments by providing programs and services to its membership.

FCLB Response to COVID-19. Early response to COVID-19 occurred on March 17 when FCLB leadership affirmed that DCs are essential health care providers, which allowed access for existing and acute patients to chiropractic care. After this, the FCLB contacted individual governors and state officials about the importance of access to chiropractic as a public health necessity for current patients in need of care and to relieve the growing burden on emergency departments in the health care system.

The Board of Directors cancelled the FCLB's 2020 Annual Educational Congress scheduled for late April in Denver, Colorado. To preserve many of the key communication elements of this conference, the FCLB worked with committees and affiliated groups to facilitate alternative virtual events. The FCLB developed an ongoing communication schedule with member and non-member regulatory boards to honor regulatory scholarship commitments by extending the awards to the Fall Regional Meetings. The FCLB has prepared staff to work remotely while maintaining the standards of service necessary to support chiropractic regulatory boards across United States and international jurisdictions.

On March 25, the FCLB leadership sent a letter to Dr. Anthony Fauci, director of the US National Institute of Allergy and Infectious Diseases, describing how chiropractic services are necessary care for patients and a support for the health care system during the pandemic. On March 28, the US Department of Homeland Security included chiropractors in the list of essential care providers.²⁰ The FCLB continued these communications to the leadership of several states across the United States. By April 2, multiple states revised their position on chiropractic facilities, ensuring that members of the public could continue receiving necessary chiropractic care.

On April 3, the newly established FCLB COVID-19 Committee issued guidance for licensing boards. This included the recommendation that they expand acceptance of online education, consider modifications to license renewal deadlines, and offer concessions for license

renewal fees. As chiropractic licensing boards shifted deadlines and renewal requirements to assist licensees, the FCLB connected boards with continuing education providers, continuing education unit tracking, and publicizing continuing education modifications. The FCLB website has included a COVID-19 resource center with updated links and information to member boards and licensees.²¹

The FCLB COVID-19 Committee drafted an additional letter of support for member boards to provide assistance to state governors and to encourage flexibility for the boards in maintaining licensure and mobility for DCs. The mission of the FCLB during this crisis is to assist member boards with multiple services designed to ease administrative burdens and strive to provide communication and leadership for licensing boards as they continue their work in public protection.

National Board of Chiropractic Examiners

The mission of the NBCE is to ensure professional competency through excellence in testing. Since 1963, the NBCE has developed exams that assess knowledge, higher-level cognitive abilities, and problem solving in various basic science and clinical science subjects. The exams are administered to qualified applicants, with scores provided to legal agencies that govern the practice of chiropractic. A passing score provides an assurance that examinees have demonstrated a baseline of knowledge and ability in diagnosis, diagnostic imaging, principles of chiropractic, associated clinical sciences, and chiropractic practice.

The NBCE has uniquely positioned itself in the health care licensure testing industry by partnering with DCPs in the United States to administer exams on campus. The NBCE's shared goal of facilitating the students' path to licensure allows the opportunity to coordinate exam administration plans with the leadership of DCPs. The added flexibility in the NBCE's business model supports the design of customized administration solutions. At all times, the NBCE must maintain the integrity of exam products and the commitment to the quality required by legal agencies that use NBCE exams to ensure the public safety of their constituents. Concurrently, the NBCE acknowledges the important part that the NBCE exams play in a chiropractic student's journey to licensure.

NBCE Response to COVID-19. In response to federal guidelines related to the COVID-19 pandemic, the NBCE took extra steps to ensure the health and safety of the NBCE staff, including the hundreds of test site administrators all over the country who are crucial to the exam process. After continuous monitoring of federal and local mandates, the NBCE determined that it could not maintain the integrity and quality of exam administrations while also protecting the health and safety of examinees and test site staff. It is with these priorities in mind that the NBCE cancelled the March, April, and May 2020 exams. By choosing to cancel the in-person exams, the NBCE has avoided potentially exposing over 3000 examinees, 1250 test site personnel, and approximately 20 communities to this virus.

Owing to the valuable partnership with US DCPs, and the adaptable design of the NBCE's systems, the NBCE is working toward the readministration of all previously canceled exams in July and August 2020. The NBCE is reducing licensure delays for most impacted examinees from 6 months down to 3 months by providing readministration of canceled exams. Owing to the ever-changing nature of this pandemic, the NBCE is continuing to prepare alternate contingency plans in the event a July or August readministration is not possible.

The fluid transition to planning readministration was made possible by the continued efforts of the NBCE board of directors and devoted staff at the Greeley, Colorado NBCE office. Owing to business continuity and crisis planning, the NBCE staff and leadership are able to respond quickly to the changing landscape caused by the pandemic. By the time Colorado state officials issued a stay-at-home order, the NBCE had already equipped over 40 staff members with the necessary technology and protocols for remote work. The NBCE continues to remain fully operational and accessible to examinees and other stakeholders during this time of uncertainty. The board of directors has adapted its upcoming annual meeting format to be hosted virtually, allowing state delegates to participate in the elections and business review required for proper oversight of the NBCE.

Through proactive planning, flexible system design, and over 50 years of health care licensure testing experience, the NBCE remains confident in its ability to respond to the crisis caused by the COVID-19 pandemic, while continuing to support aspiring DCs during this unprecedented time.

National Chiropractic Mutual Insurance Company

NCMIC was formed in 1946 by a group of DCs with the express purpose of offering malpractice insurance in the United States to DCs when no one else would. Delivering on its promise, "We Take Care of Our Own," NCMIC is a mission-based company that focuses on protecting, strengthening, and supporting the chiropractic profession. NCMIC supports the profession through insurance and financial products as well as supporting research and many US national and state chiropractic organizations. NCMIC provides insurance products including malpractice, business, and long-term disability insurance. Finance products include equipment financing, working capital, merchant processing, and premium finance. NCMIC has declared policyholder dividends since 1996 totaling over \$150 million and has given more than \$14.8 million to chiropractic research and

education since 1995. NCMIC has been proud to "Take Care of Our Own" for almost 75 years.

NCMIC Response to COVID-19. When it became apparent that COVID-19 would affect the chiropractic profession and NCMIC employees, NCMIC leadership made immediate preparations to protect customers, staff, and the community. For NCMIC customers, this meant including adjustments for premium leniency and providing access to a collection of robust COVID-19 resources and information specific to the profession. Staff was given the near-immediate capability to work remotely to continue providing uninterrupted service to policyholders. The community benefited not only from the decision to keep staff at home, but also NCMIC's donations to local hospitals and clinics in need of personal protective equipment.

For insurance clients, NCMIC proactively decided to defer cancellations for nonpayment. A new no-cost leave of absence endorsement was created that allows policyholders the opportunity to suspend their policy if they were unable to practice. As chiropractic practices have experienced lower patient volume owing to stay-at-home orders and social distancing, NCMIC realized the need for financial relief. NCMIC communicated with its policyholders to ensure they were aware of all available options to keep quality coverage in place and continue to serve their communities.

As the crisis developed, NCMIC's marketing team surveyed a sample of policyholders to better understand the environment and how NCMIC could assist them. More than 1300 people completed the survey, and their feedback topics ranged from financial concerns and law changes to practical advice for sanitizing clinics, staying connected to patients, and enforcing social distance at their practices. The result of this survey informed a selection of thoughtful resources and blogs that NCMIC provided to address their concerns. By providing these resources, NCMIC supplied policyholders with not only a library of actionable resources to help keep their businesses running during this unpredictable time, but also peace of mind that they have the full support of their well-prepared insurance company.

NCMIC has hosted multiple webinars and provided ancillary information on NCMIC website and social media pages covering topics such as telehealth, seeing patients in the time of COVID-19, and mental health issues.²² These subject matter experts provided policyholders with a connection to the industry during these times of social distancing and reinforced actions and best practices to continue to prioritize the health and safety of themselves, their staff, and their patients.

Discussion

Although this is only a sample, each of these entities is responsible for an essential function to support the

chiropractic profession, ranging from licensure and accreditation to education, funding, and insurance. The infrastructure provides a safety net for chiropractic practitioners to provide care to patients safely and effectively.

In each of these exemplars, the entity responded quickly and responsibly to the COVID-19 crisis. Common themes included the following:

- They recognized the crisis while it was emerging and moved quickly with their responses.
- 2. They established a safe working environment for their entity's staff so that their services to the chiropractic profession could continue.
- They delivered communications to stakeholders to guide decisions and direct actions so that chiropractic students and DCs could make the best decisions possible in their situation.
- 4. They are continuing to monitor the situation and respond as new information becomes available.

These entities have demonstrated flexibility and forward-thinking actions during challenging and uncertain circumstances to facilitate protecting patients who use chiropractic care and the chiropractic profession.

Limitations

This article only provides examples of how the chiropractic profession has responded in the early months of the COVID-19 pandemic. Only those entities that responded to the invitation are represented here; therefore, there may be other entities that were not included that would have responded differently. Those represented here, although serving most of the chiropractic profession, do not represent the entire profession necessarily. However, we feel that this is a reasonable representation of those organizations that responded to the crisis. The current responses do not predict future responses necessarily. Future actions will evolve as time passes and situations change.

Conclusion

Primary entities, which support chiropractic education or practice, serve a large portion of the chiropractic profession. They have been quick to respond in a responsible, compassionate, and supportive manner to assist chiropractic practitioners and students during the COVID-19 pandemic, ultimately to the benefit of the patients and communities that they serve. These findings are encouraging as the chiropractic profession looks to the future and navigates changes in education and the health care environment in the months and years ahead.

Funding Sources and Conflicts of Interest

No funding sources were received for this study. The primary author (C.D.J.) is the JMPT editor and a board member of NCMIC; however, she received no directive or remuneration for this article. Each author has declared their affiliations and no other conflicts of interest were reported.

Contributorship Information

Concept development (provided idea for the research): C.D.J.

Design (planned the methods to generate the results): C.D.J.

Supervision (oversight, organization and implementation, writing of the manuscript): C.D.J.

Data collection/processing (experiments, organization, or reporting data): C.D.J.

Analysis/interpretation (statistical analysis, evaluation, and presentation of the results): C.D.J.

Literature search (performed the literature search): C.D.J. Writing (responsible for writing a substantive part of the manuscript): C.D.J., C.S.L., T.A.S., S.G., K.B., M.A.C. Critical review (revised manuscript for intellectual content, not spelling, grammar): C.D.J., C.S.L., T.A.S., S.G., K.B., M.A.C.

Practical Applications

- Chiropractic entities in this sample recognized the COVID-19 crisis while it was emerging and moved quickly with their responses.
- They established a safe working environment for their entity's staff so that their services to the chiropractic profession could continue.
- They delivered communications to stakeholders to guide decisions and direct actions so that stakeholders could make the best decisions possible in their situation.
- They are continuing to monitor the situation and respond as new information becomes available.

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