With the demand for healthcare convenience at an all-time high, telemedicine today plays a crucial role in streamlining clinical workflows, improving care coordination, and fostering long-term health outcomes. For healthcare practitioners, adding telemedicine services, which require minimal upfront investment to their clinical repertoire, will play a pivotal role in providing cost-effective, higher value care to the homebound or the geographically isolated patients. There has been a spurt in the adoption of secure telemedicine platforms that support virtual interaction between healthcare practitioners and patients, via real-time video collaboration and on-demand healthcare through mobile and IoT devices.

As healthcare CIOs plan to integrate telehealth into their healthcare delivery model, investing in the right telehealth technology enhancements has emerged as a top priority. Catering to this requirement, the solution providers in the telemedicine arena offer a wide array of solutions that significantly improve healthcare outcomes.

In the last few months we have evaluated scores of technology solution providers and shortlisted the ones that are at the forefront of tackling the challenges in the telemedicine arena. The companies listed in this edition have exhibited comprehensive know-how and in-depth expertise in delivering telemedicine technology solutions that greatly enhance patient-centric care.

In this edition of Healthcare Tech Outlook, we bring to you the 10 Most Promising Telemedicine Solution Providers of 2017 featuring the vendors redefining the telemedicine landscape.

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**WorldCare International**

**Company:** WorldCare International

**Description:** Expert medical second opinions via exclusive partnerships with top-ranked U.S. hospitals of The WorldCare Consortium®

**Key Person:** Nasser Menhall

**Website:** worldcare.com
The Institute of Medicine’s “Improving Diagnosis in Health Care” opined that nearly five percent of outpatient diagnoses are incorrect and that most people experience a misdiagnosis in their lifetime, causing a loss of $750 billion to the healthcare sector, each year. WorldCare International, Inc. (WorldCare) pioneered institution-based medical second opinions from the leading specialists at the top-ranked U.S. hospitals, to improve healthcare. “We have fostered strategic, technological and operational relationships with the top-ranked hospitals representing over eighteen thousand specialists, called The WorldCare Consortium®,” says Nasser Menhall, CEO, WorldCare. With over two decades of experience and a presence across 40 countries, WorldCare stands committed to “offering the most clinically-rigorous” medical second opinions.

The process begins with an intake call between the member and a WorldCare Nurse Case Manager at WorldCare’s Medical Hub in Boston. The Nurse Case Manager arranges the collection and consolidation of the member’s complete medical records and selection of the best-suited multidisciplinary team of specialists at a WorldCare Consortium® facility to review the case. The Nurse Case Manager oversees the entire process and is the central communication point for the member and their designated physician, The WorldCare Consortium® team and WorldCare. A comprehensive second opinion report confirming or modifying the member’s diagnosis and providing treatment recommendations plus much more is provided to and reviewed with the member and their physician. The report provides the information and resources needed to help the member and their physician make informed healthcare decisions. When the diagnosis differs drastically from the original diagnosis, it is sent to a third facility for an additional level of clinical depth and rigor. The entire process from the first call to the gathering of records usually lasts a fortnight, but once the records are in place, cases are turned around in approximately one week. “During emergencies, when immediate answers are required, we have turned around cases in a matter of hours,” says Menhall. He attributes the rapid turn-around times to the highly-trained WorldCare team and the deep relations they have built with the various stakeholders within the WorldCare Consortium®. “Our unique institution-based second opinions provide an unmatched level of clinical expertise and rigor that differentiates us from our competitors,” mentions Menhall. This has resulted in a patient satisfaction rate of close to 99 percent.

Menhall mentions the case of a pregnant woman from Canada suffering from cancer, wherein the doctors after diagnosing, had concluded that her lifespan was short and that she should terminate her twin pregnancy. The WorldCare Consortium® facility that provided the in-depth second opinion review, traced her cancer to a rare mutation that could be treated by a particular chemotherapy. The treatment resulted in the woman giving birth and living long enough to see her twins grow.

Our unique institution-based second opinions provide an unmatched level of clinical expertise and rigor that differentiates us from our competitors

Completing tens of thousands of reviews, WorldCare’s holistic approach has resulted in a 26 percent change in diagnoses, a 75 percent change in treatment plans and returns on investments ranging from 125 to 600 percent in gross healthcare costs. In addition to a humongous savings in average treatment costs per case, there is a significant reduction in the average number of work days missed per employee.

WorldCare continues to invest in their technology platforms to further expedite the process of transferring medical records and information to the hospitals and in improving back office operations to offer enhanced client and member experiences. With several new clients coming on-board this year, WorldCare is set to expand its global footprint beyond the existing 40 countries.