

2nd International Conference on Health Informatics and Technology

July 27-29, 2015 Valencia, Spain

Telemedical care is often better than traditional care

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Between 2007 and 2015 I built the United States' premier and largest provider of specialty physician consultations via telemedical link, serving the emergency departments, ICU's and general floors of hundreds of urban and suburban US hospitals. Over more hundreds of thousands of on-demand live consultations that involved both interaction with on-site physicians and the direct evaluation of patients at a distance, we established logistical, clinical and financial results that are superior in measurable aspects to the traditional bedside consultation model for more than 97% of patients, including those with critical emergencies. Further, our operations were able to establish a superior model for physician compensation and engagement, including collaboration, continuing education, experience, satisfaction and personal compensation. These lessons are easily transportable to other healthcare systems ready to accept that telemedical care is more than just, and adjunct or fill-in to traditional specialty care models, but in fact can be superior in all dimensions, and every participant in the care delivery chain sees great benefits: patients, payors, physicians, and hospitals and healthcare systems. The organization not only earned patient and client support, but also great support and investment from professional healthcare investors.

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The transformation of healthcare through telecare applications

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Telecare represents a rapidly evolving modality for delivering healthcare for remote and home-based settings outside of traditional care delivery organizations. The use of the various technologies is radically changing the who, what, when and where of how healthcare will be delivered in the future. Furthermore, the overlay of predictive analytic tools will no doubt discover patterns of care that were not evident from more traditional approaches of care delivery. The author will provide an overview of the field including clear definitions and differentiation between telehealth, telemedicine and telecare strategies. An overview of the many studies that have been completed over the last several years will also be included as part of the presentation along with conclusions on what the findings suggest for future work in the field of bioinformatics and telecare.

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