Starting from scratch: Rebuilding an ambulatory care network  

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Our client, Reliant Medical Group (RMG) is a 250 provider medical practice. RMG has a long history of working in a risk model, has a mature relationship with electronic records, and has been continually improving and innovating over many years. There are over 20 sites of outpatient care, and the organization recognized that many of these were planned based on now-outdated operating methods, idiosyncratic preferences of the individual occupants and/or the configuration of the existing space. At the same time, more than half of RMG’s primary care facilities were under a master lease agreement that might not be renewed. This provided an unprecedented opportunity to redesign the distribution of care sites, envision new workflows and patient experience, and develop a built environment where form can truly follow function. This session will present a case study on how RMG worked to develop an ideal geographic distribution of new and current sites of care that optimizes access, capital costs, operational costs and population health management goals and create standardized templates for an RMG “Medical Office Building of the Future,” including a common vision for end-to-end flow of patients, staff, and providers in the new facilities, space requirements to support (PCMH), lean operations, and virtual care. This session will present a case study on how a large multi-site medical group worked to develop an ideal geographic distribution of new and current sites of care that optimizes access, capital costs, operational costs and population health management goals and create standardized templates for a “Medical Office Building of the Future,” including a common vision for end-to-end flow of patients, staff, and providers in the new facilities, space requirements to support (PCMH), lean operations, and virtual care.

Information medicine: The control and prevention disorders of the vital functions of a human in everyday conditions  

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The mankind has invented a lot of technical and electronic devices to monitor the work of industries and their production. However, the most vital functions of a man are out of physiological control and protective signaling. A man is unable objectively to control the state of his vital physiological functions. Untimely, medical help is a fatal factor which often becomes the cause of death. The new direction—“Information medicine”—was offered for the prevention of disturbance of the vital functions of the person in real everyday life and timely of health care. New concept of medical instrument was developed—the information-household microprocessor equipment for protection of life and human health in everyday life and at work. This direction and developed medical devices have been supported and approved by the Presidium, general meeting and plenum of the Russian Academy of Medical Sciences and have been highly appreciated by leading Russian and foreign experts. Practical realization of the specified concept was creation and patenting of a number of original devices of the security alarm system of the vital physiological functions of the person. Original instruments for individual continuous control of physiological functions gives alarm when first objective signs of disorders in vital physiological functions appear during day-time or sleep at night. A warning signal will make it possible and timely to take some reasonable actions to normalize a disordered physiological parameter and so to prevent further development of the serious dysfunction. Further development of “Informational medicine” has wide prospects. Undoubtedly, the new class of devices for monitoring and the security alarm system of violations of physiological functions in everyday life will extend.

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