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HEALTHCARE TRENDS AND FUTURE TECHNOLOGIES FOR AN AGING WORLD

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The world population keeps grow older as fertility rates have fallen to very low levels in most world. People tend to live longer and aging populations will become a future challenge. We have investigated the advanced technologies and the promising business trends to lead the future economy with the text mining methodologies and other forecasting techniques. The purpose of this study is to describe the future aged care services in needs considering both healthy and unhealthy aging conditions. Methodology & Theoretical Orientation: By searching literally thousands of news articles with the aging related queries, we can easily derive certain patterns that may help identify a commonest perceptions and needs, not captured by the other survey questions. Healthy life expectancy, fertility rates, medical expenses, security, welfare, technology, services are core topic keywords, according to recent news articles. Besides text mining, researchers from each fields evaluate how important the technologies are. Findings: The promising healthcare service and industries for healthy aging are categorized into these; universal infra, healthcare for smart home, medical robots, regenerative medicine, mobile healthcare. It covers from the needs for a better life style to the actual medical demands which is a different healthcare categorization due to the text mining analysis. Conclusion & Significance: So-called 'senior shift generation', who has to live longer as the aged should endeavor to stay healthy since they are young. Therefore we should also consider the healthcare services and technologies of the entire life cycle, not just for the elderly. Furthermore, this research is meaningful to include medical aged care for unhealthy people as well as aged-life-healthcare services for healthy people's well-being.

Biography

Soyoung Kwon has her expertise in evaluation and planning future science and technology to improve wellbeing. She has studied health care services and technologies for aging society based on her research experiences in science. It makes the category distinctive from the ordinary classification of the aging healthcare. It allows us consider how individuals and government should prepare for a better future. This approach is a new angle on the subject and open to all stakeholders.

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