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Geriatric Medical Informatics (GMI) as a new field of health informatics

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A B S T R A C T

As our population ages, the need for specialized medical care for older adults is becoming increasingly important. At the same time, advances in information technology are revolutionizing the way we approach healthcare, providing opportunities for improved diagnosis, treatment, and patient outcomes.

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DEAR EDITOR

I am writing to express my opinion for the establishment of a new field of health informatics called Geriatric Medical Informatics (GMI). As our population ages, the need for specialized medical care for older adults is becoming increasingly important. At the same time, advances in information technology are revolutionizing the way we approach healthcare, providing opportunities for improved diagnosis, treatment, and patient outcomes.

GMI would focus on the application of information technology to the unique healthcare needs of older adults. On the other hand, Geriatric medical informatics is a field that uses technology and data analytics to improve the care of older adults. By collecting and analyzing data about an individual's health history, medications, and other relevant information, healthcare providers can develop personalized treatment plans that address their unique needs [1]. It involves the application of information science, computer science, and healthcare expertise to develop, implement, and evaluate innovative technological solutions that enhance the delivery of healthcare services to elderly patients.

This approach has the potential to improve the quality of care provided to older adults, reduce healthcare costs, and improve overall patient outcomes. By leveraging the power of technology and data, we can improve the lives of older adults and ensure they receive the care they deserve [2]. Additionally, the benefits of GMI are numerous, including improved patient care and outcomes, more efficient healthcare delivery, and increased accuracy and completeness of patient data. By utilizing technology such as electronic health records (EHRs) and telemedicine, healthcare providers can better manage patient care, reduce errors, and improve communication among care teams [3]. GMI can also help address the unique healthcare needs of the elderly population. As individuals age, they often develop complex health conditions that require coordinated care and ongoing monitoring [4]. GMI can help healthcare providers track patient progress and ensure that they are receiving the appropriate

care at the right time. By improving healthcare delivery and patient outcomes, GMI has the potential to reduce healthcare costs and improve the quality of life for elderly individuals.

Overall, the establishment of Geriatric Medical Informatics as a field of study is long overdue. With the aging of our population, it is essential that we focus on developing new approaches to healthcare that are tailored to the needs of older adults. By harnessing the power of information technology, we can make significant strides in improving the quality of care and the lives of older adults. Therefore, I urge policymakers and healthcare leaders to invest in the development of geriatric medical informatics. By doing so, we can improve the quality of care provided to older adults and help them live healthier, more fulfilling lives.

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AUTHOR'S CONTRIBUTION

Conceptualization and literature search, KHM; data analysis, KHM and KB; writing original draft preparation, KHM; writing, review and editing KHM and KB. The authors read and approved the final manuscript.

CONFLICTS OF INTEREST

The authors declare no conflicts of interest regarding the publication of this study.

FINANCIAL DISCLOSURE

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ETHICS APPROVAL

Not Applicable.

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