Research on the Application of Health Detection Technology in Intelligent Elderly Care

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二.成果简介：

随着互联网与大数据等技术的发展，智慧养老模式这一概念逐渐进入大众视野。智慧养老模式通过先进的科学技术与传统的养老模式相结合，提供更加健康、舒适、便捷、安全的养老服务。本文构建了智慧社区居家模式概念图，主要对健康检测技术在智慧养老中的应用进行分析，指出家用健康检测产品的现有问题及其对策，对智慧养老服务的完善有所帮助。

三. 主要研究内容及创新点：

随着物联网、大数据、云计算、健康检测等技术的发展，智慧养老模式这一概念逐渐进入大众视野并且对传统养老模式造成了冲击，本文首先分析了国内三种传统养老模式（见图 1）的优缺点，指出社区居家养老模式可能是未来养老模式的主流；并构建了智慧社区居家模式概念图（见图 2），重点对健康检测技术在智慧养老中的运用进行了梳理，针对健康检测产品在智慧养老中的现有问题提出了对策，以期为政府完善智慧养老服务提供帮助。

Model / Comparison	Family Elderly Care	Institutional Elderly Care	Community-based Home Care
Place of Life	Own or Relatives' Homes	Nursing Institution for the Aged	Own Home and Nearby Communities
Features	Accept family care services	Relatively Professional Elderly Care Services	Accept family and community care services
Status quo	About 90% of the elderly rely on home care	About 3% of the elderly rely on institutions for the elderly	About 7% of the elderly rely on this model, but this may become a trend in the future
Advantages	Enhance the emotional relationship between the elderly and children	Professional Nursing Staff and Supporting Facilities	The elderly can receive proper care without leaving their familiar environment
Disadvantages	The burden on children is great	The emotional needs of the elderly are not met	Inefficiency and Inadequate Substantive Services

图 1 三种传统养老模式的比较

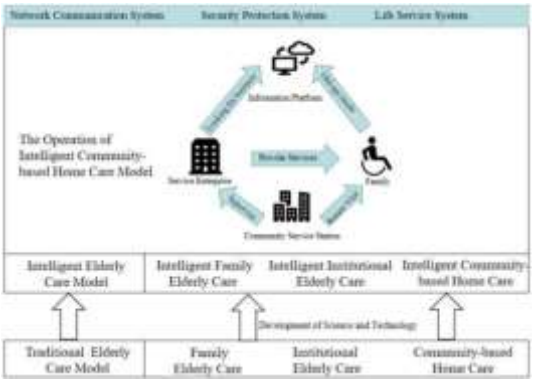


图 2 智慧养老的分类及智慧社区居家模式运作

四. 主要研究成果及应用情况

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Engineering Village

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