Editorial

Artificial intelligence for advancing nursery service

Abstract

Nursery services face growing demand and workforce shortage. Technical or medical knowledge updating provide new possibility of these updating and improve service satisfactory. Among these hot areas, some supportive techniques associated with artificial intelligence is a great modern trend. This Editorial addresses possible pathway and solution in nursery science progresses.

Keywords: healthcare, nursing, medical discipline, modern technology, artificial intelligence

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Introduction

Background

Nursery services face growing demand and workforce shortage. Technical or medical knowledge updating provide new possibility of these updating and improve service satisfactory. Among these hot areas, some supportive techniques associated with artificial intelligence is a great modern trend. This Editorial addresses possible pathway and solution in nursery science progresses.

Current scenes

Nursery service is high physical-burden (physical demanding and less payment).[1–4] Physical or spiritual burden can be alleviated by technical advancements.[5–9] New nursery initiatives can improve quality of nurses and patient's satisfactory.[10–17]

Problem orientation

A large technical issues should be optimized-costs, feasability and enduration optimization in general practices. Robots, software, and algorithms should be aimed.[18]

Methods

Different areas and disciplines

Different platforms and areas are abstracted (Table 1).

Table 1 AI strategies in nursery applications

Areas	Major applications
Automation	Feasability and replacement of current convention
Scientific knowledge	Notification of new clinical evidence
Reorganization at any times	Changeable therapeutic option adjustment and personalization
24 hour service	Enduring physical or spiritual demanding properly
Cost adjustment	Save human service and resources
Drug treatment	Optimization in doses and times
Working areas	Suitability for more disease treatments
Service progress	Perfection nursery and treatment by machine/deep learning
Technical progress	Improving in diagnosis and treatments in quick & detail ways

Expanding to more diseases

Expanding AI nursery to more areas and disease treatment is currently underway. It is not narrowed only in nursery. Scientific and technical improvements are also useful. In the future, AI popularity will quickly help nursery service to thrive and indispensable.

Future possibility

The high quality of nursery service can be gradually built via different AI approaches. It includes as

i. System updating and integration
ii. Interaction with medicine[19–22]
iii. AI in multidisciplines of medicine
iv. Help to all humans (patients, doctors and nurses)
v. Great future (magic progress) are expected from all angles of medical or pharmaceutical sciences

Conclusion

Some supportive techniques can be integrated. To sustain these medical and technical work, AI techniques may be flourished. Let's participate it.

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Conflicts of interest

The author declares that there are no conflicts of interest.

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