Editorial

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Robotic nursery, possibly progress in the future

Abstract

Healthcare and medication needs high-quality nursery. Innovative thoughts, knowledge, and techniques may promote scenario of nursery. New technology between robots and nurses may dramatically help medical cares. Technical advancing of nursery robots is argued and provided.

Keywords: healthcare, nursing, medical service, modern technology, robots

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Introduction

Backgrounds

Healthcare and medication needs high-quality nursery. Innovative thoughts, knowledge, and techniques may promote scenario of nursery. New technology between robots and nurses may dramatically help medical cares. Technical advancing of nursery robots is argued and provided.

Robot and nursery

About half categories of human diseases are chronic. Treatments and recovery of chronic diseases needs nursery service.[1–4] Yet, high workloads of general nurses undermine clinical trials.[5–10]

Considering the low feedbacks of nursery services in costs and mentally supporting, changes should be made.[11–17] Robotic nurses are possible way to make this change.[18]

Methods

Different applications and progress

The application of nursery robots is categorizing. Figure 1 shows the outlook of major progress for nursery robots.

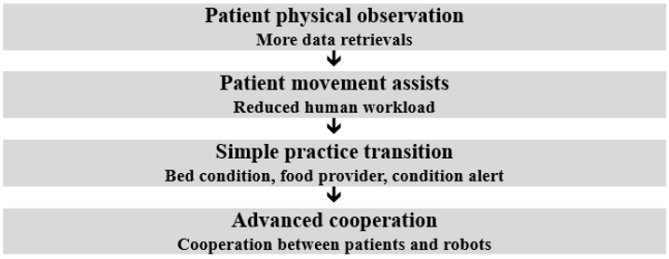

Figure 1 Potential progress for robotic nurses.

Golden ideas

If a hospital or healthcare centers can provide nursery robots or techniques, improved health care services could be achieved. In the future, robotic nurses will gradually supersede human services and liberate human from hard work.

Discussion

Personal favorability

Few nurses are like hard work and less pay. It needs precise and endurable services in every minute of a day. Robot nurses is the best choice for long-lasting and energetic work in the future.

Cost-cut

Cost-reduction is the drivers of robotic nurses. We believe this discipline of nurses will success in the future.

Future trends

The service and quality of nursery robots will be gradually improving in many areas. It contains areas as following avenues.[18–30]

Box 1 Future progress of robotic nurses
Robotic nurses should be widely utilized, not only in hospitals (family, school, children, elder patients and others)
Industrial revolution in robot production (lower costs, personalized, or lending)
Availability and popularity of this service in more areas or disciplines with artificial intelligence or others
Promotion chemistry between doctors, patients, and nurses

Conclusion

Nursery robot applications should be greatly improved in future. To boost robotic study in future, innovative robots will be produced and widely applied.

References

1. Lu DY, Chen YZ, Lu DF, et al. Patient's care and nursery in different diseases. *Hos Pal Med Int Jnl*. 2019;3(1):28–30.
2. Lu DY, Chen YZ, Lu DF, et al. Patient's care and nursery in modern medicine. *Nur Practi Heal Care*. 2019;1(1):101.
3. Lu DY, Chen YZ, Lu DF. Nursery education, capability and service promotion. *Open Acce J Nur*. 2019;2 (3):1–4.
4. Lu DY, Chen YZ, Lu DF. Nursery education in schools, significance for career. *Biomed Res Rev*. 2019;2(2):113.

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5. Iqbal U, Humayyn A, Li YC. Healthcare quality improvement and measurement strategies and its challenges ahead. *Int J Qual Health Care*. 2019;31(1):1.
6. Iqbal U, Rabrenovic M, Li YC. Healthcare quality challenges in low- and middle-income countries. *Int J Qual Health Care* 2019;31(3):165.
7. Leebov W, Scott G. Service quality improvement, the customer satisfaction strategy for healthcare. *J Heal care Quali*. 1996;18 (4):35.
8. Lu DY, Chen YZ, Lu DF. Nursery service, quality promotion. *Hos Pal Med Int Jnl.* 2019;3(3);97–98.
9. Lu DY, Chen YZ, Lu DF, et al. Nursery service in modern day. *Adv Biomedi Eng Biotechno*. 2019;1(3):1–2.
10. Ghaffari M. Building a community of learners: lessons learned. *Nur Practi Heal Care*. 2019;1(1):104.
11. Lu DY, Chen YZ, Lu DF. Nursery education for diabetes. *Nurse Care Open Acces J*. 2020;7(2):35–37.
12. Calik T, Yalmaz V, Unalp A. Nursing approaches in pediatric epilepsy and ketogenic diet treatment. *EC Paedi*. 2020;7(8): 110–115.
13. Lu DY, Chen YZ, Shen Y, et al. Medical treatment for chronic or aggressive diseases, palliative therapy and nursery. *Novel Res Sci*. 2020;3(2):556.
14. Lu DY, Chen YZ, Lu DF. Nursery education, narrow-range or wide-range. *Nurse Care Open Acces J.* 2020;7(4):87–89.
15. Lu DY, Chen YZ, Lu DF. Nursery promotion, education and system updating. *Int J Multidisciplinary Res Updat*. 2022;3(1):1–6.
16. Lu DY, Chen YZ, Che JY, Lu DF. Nursery services in future. *J Medi Clini Nurs*. 2025;6(1):1–3.
17. Lu DY, Chen YZ, Wu HY, et al. Nursery services advances, global campaign. *Nurse Care Open Acces J.* 2025;11(1):1–3.
18. Lu DY, Chen XL, Ding J. Individualized cancer chemotherapy integrating drug sensitivity tests, pathological profile analysis and computational coordination—an effective strategy to improve clinical treatment. *Med Hypothes*. 2006;66(1):45–51.
19. Lu DY. *Personalized cancer chemotherapy, an effective way for enhancing outcomes in clinics.* Woodhead Publish. 2014.
20. Lu DY, Lu TR, Xu B, et al. Individualized cancer therapy, future approaches. *Curr Pharmacogenomics Personali Medi*. 2018;16(2):156–163.
21. Lu DY, Lu TR, Che JY, et al. Individualized cancer therapy, what is the next generation? *EC Cance*. 2018;2(6):286–297.
22. Lu DY, Lu TR. Personalized oncology: scientific and technical approaches. *Curr Cell Sci*. 2025;1(1):57–66.
23. Miroshnikov G, Bennet M. Explorating the impact of generative AI literacy on teaching practices and pedagogical alignment. a *Peer-Review J.* 2025;4(1):6–23.
24. English V, Mccaffrey L. Online educational pathways for lean management implementation in agricultural enterprises: advancing digital professional development in farming. *A Peer-Review J*. 2025;4(1):24–47.
25. Lu DY, Chen YZ, Lu DF. Artificial intelligence for advancing nursery service. *Hos Pal Med Int Jnl*. 2025;8(4):87–88.
26. Lu DY, Chen YZ, Lu DF. Artificial intelligence in nursery service. *Nurse Care Open Acces J*. 2025;11(3):103–104.
27. Lu DY, Chen YZ, Lu DF. Up-to-data direction for nursery service. *J Nurse Clini Train*. 2025;1(1):1–2.
28. Lu DY, Che JY. Bone disease treatments, importance of technical supports. *Acta Scienti Orthopaedics*. 2021;4(4):55–57.
29. Lakovidis D, Vartholomeos P, Gall AL, et al. Medical and healthcare robotics: a roadmap for enhanced precision, safety and efficacy. *Meas Sci Technol*. 2025;36:103001.
30. Lu DY, Wu HY, Che JY, et al. Emerging medication for suicide prediction and therapeutic strategies. *Hos Pal Med Int Jnl*. 2026;9(1):8–12.

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