

5. CONCLUSION

In conclusion, this low-cost and high-efficiency virtual simulation training model for crime scene investigation demonstrates significant advantages in enhancing teaching effectiveness, reducing training costs, and improving students' practical skills. By overcoming the time and space constraints of traditional training, this model enhances interactivity and realism, providing students with near-real-world experiences in a safe and controlled environment.

Although challenges such as technical barriers, hardware limitations, and software functionality exist, these issues are not insurmountable. Looking ahead, as VR technology continues to advance and educational concepts evolve, this training model is expected to play a greater role in fields such as criminal investigation, forensic medicine, and forensic science. It will support the cultivation of highly skilled professionals, equipping them to handle complex and

dynamic challenges in their careers.

Educators in relevant fields should continue exploring and practicing this model, making ongoing improvements in technology, content, and methodology to achieve sustained enhancement in teaching quality.

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Conflicts of interests

None declared.