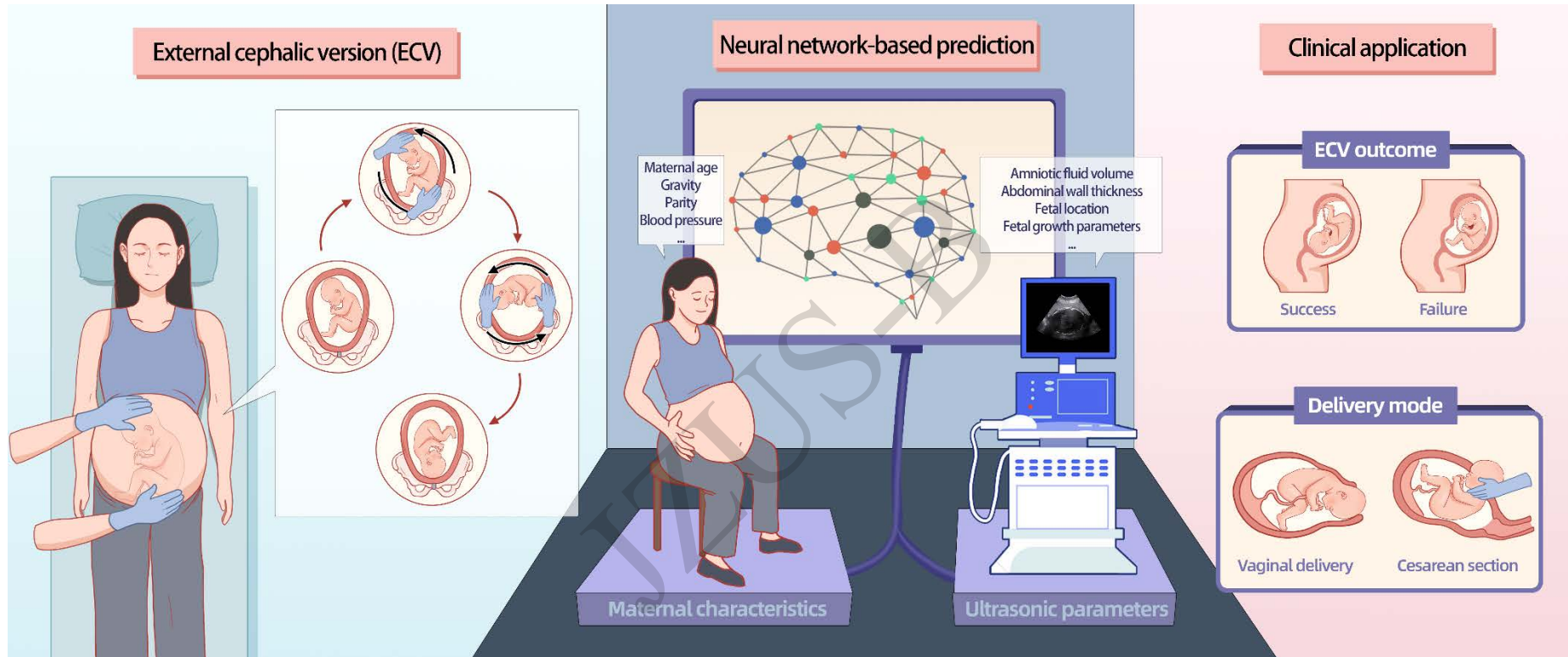


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Neural network approach for predicting outcomes of external cephalic version for breech presentation: a retrospective cohort study

Key words: External cephalic version (ECV); Neural network; Outcome prediction; Individualized assessment

Research Summary



In this study, neural network algorithms were implemented to establish prediction models for the success or failure of ECV, as well as subsequent delivery modes.

Innovation points

- **Neural network-based models**

to predict the success or failure of ECV, as well as subsequently delivery modes.

- **Model performance:** The models demonstrate commendable performance metrics , furnish precise probabilistic estimates of the potential outcomes.

- **Application** of such models can be of high value in clinical decision-making processes.