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A novel clinical data management platform for acute pancreatitis

Keywords: Acute pancreatitis; Clinical data management; Structured data; Multi-center

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Research summary

This article mainly focuses on the novel clinical data management platform for acute pancreatitis. It has the following characteristics:

- The pre-structured standard data fit the characteristics of acute pancreatitis and can be directly used for scientific research;
- A permanent database of complete real-world cases;
- Multiple directions of disease can be studied simultaneously;
- Retrospective, cross-sectional, prospective, and real-world studies can be carried out on this data platform;
- The multi-center whole network experimental progress process saves time and improves quality.

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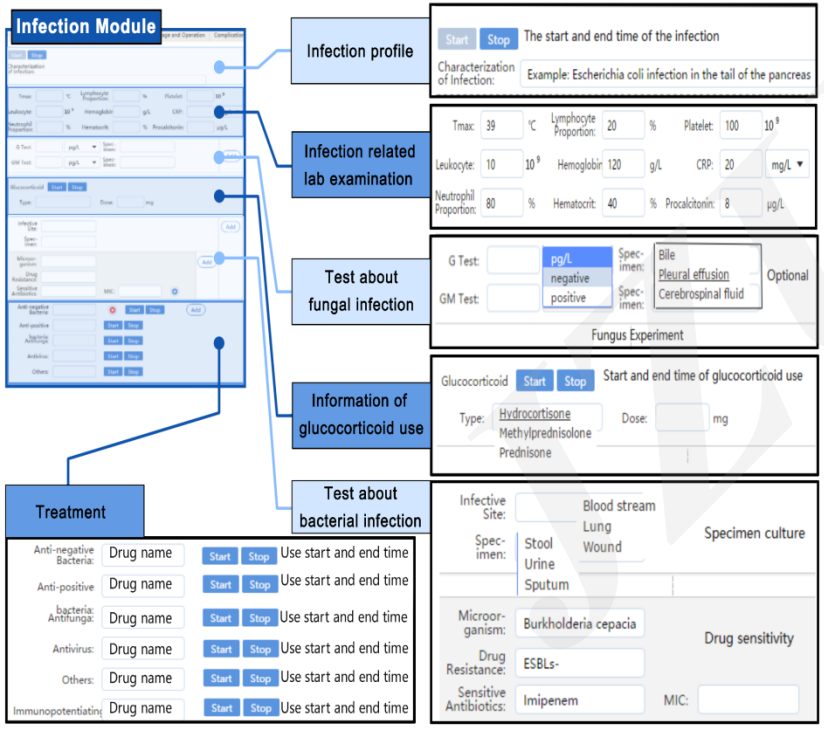
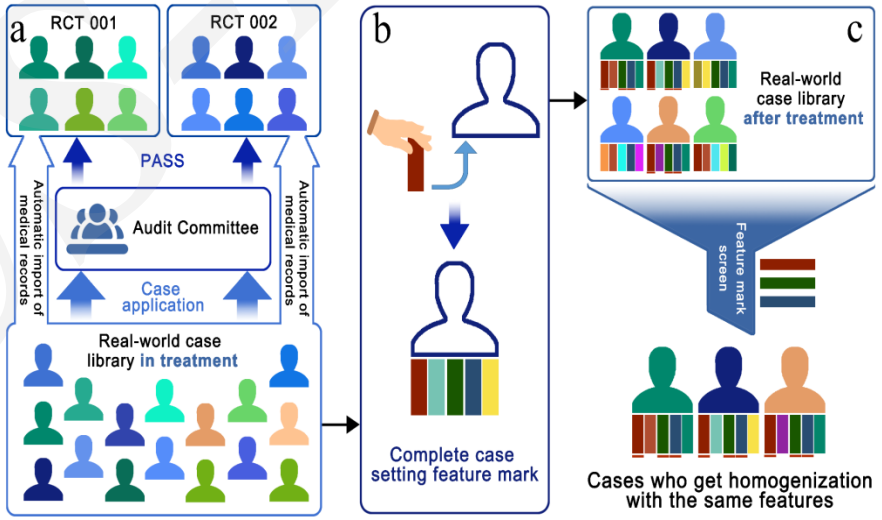
Innovation points

•The design concept of "pre-structured data" effectively addresses the challenge of establishing a uniform data structure in multi-center studies, and synchronized data management during the treatment process ensures standardized handling.

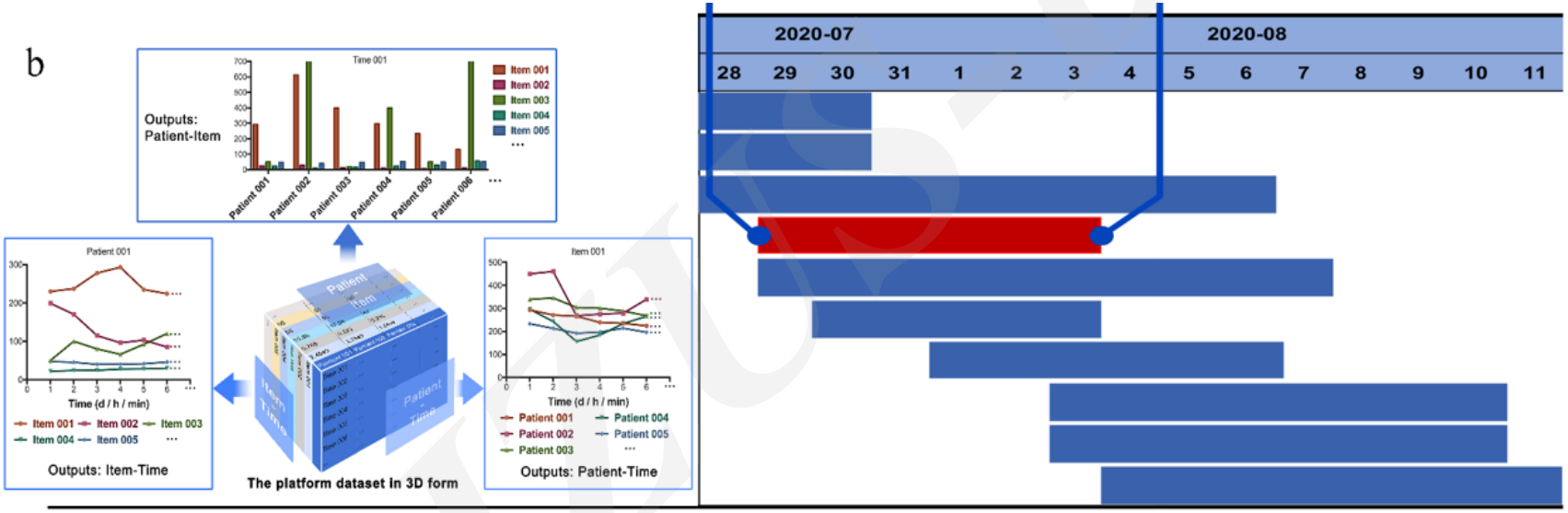


•Research mode of RCT and establishment and retrieval of homogeneous patients based on feature marks.



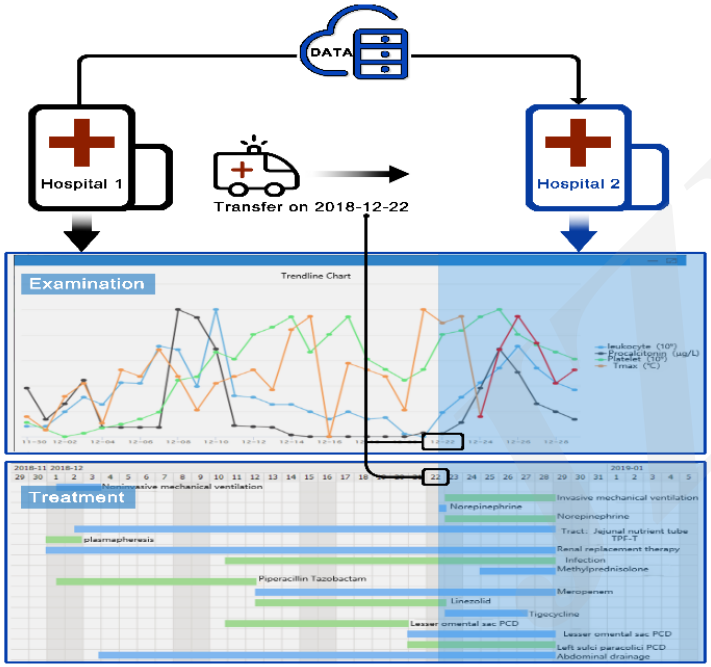
Innovation points

•The application of trend charts and Gantt charts, widely utilized in various fields, to the data platform along with the integration of EXCEL table's 3D data export function enables researchers to enhance their comprehension of data.



Innovation points

•The secure storage of local data and transmission of desensitized data on the cloud server serve as technical safeguards for ensuring safe and efficient multi-center collaboration among medical centers.



•The design of the data platform will be continuously enhanced based on clinical experience, user feedback, and research advancements. All personnel in medical centers utilizing the platform are encouraged to actively contribute to its long-term development, ensuring robust growth and improvement.