Cite this as: Ting LI, Yuan-qiang LU, 2024. Residual hyperglycemia after successful treatment of a patient with severe copper sulfate poisoning. *Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology)*, 25(12):1120-1124. http://doi.org/10.1631/jzus.B2400305

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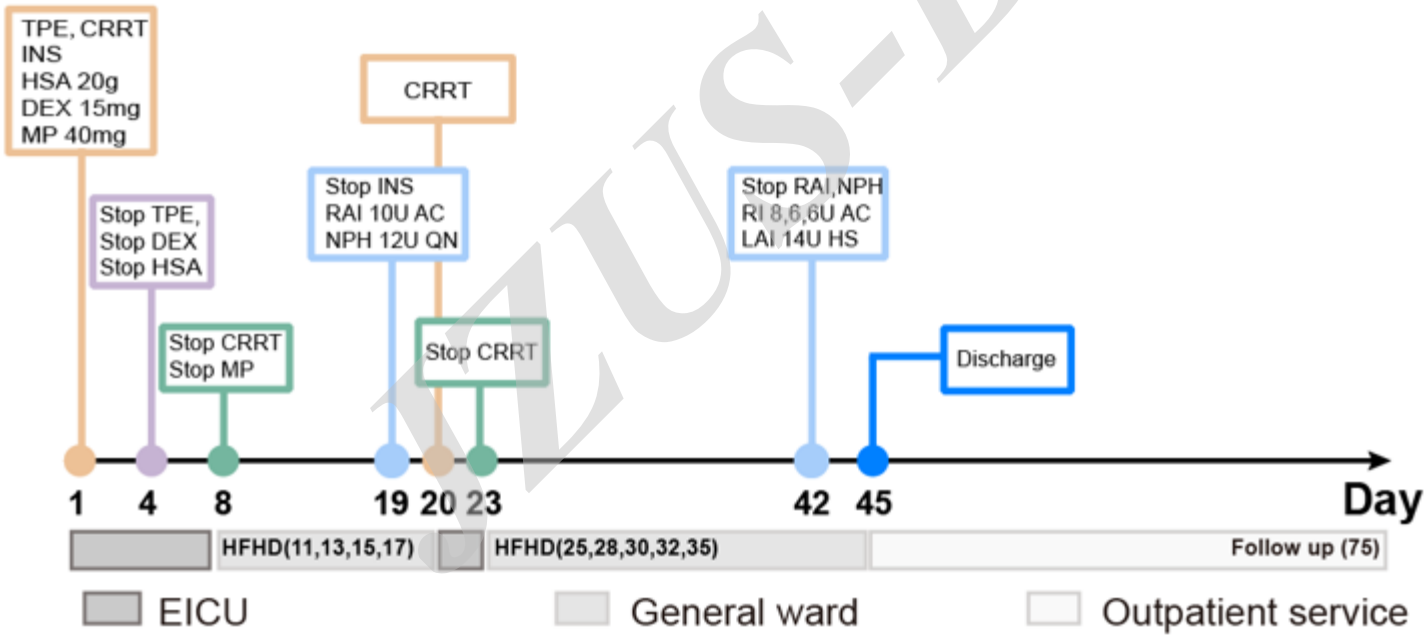
Residual hyperglycemia after successful treatment of a patient with severe copper sulfate poisoning

Key words: Copper sulphate poisoning, Multiple organ dysfunction syndrome, Hyperglycemia

Research Summary

This report meticulously documents the successful treatment of a severe copper sulfate poisoning case and the subsequent issue of persistent hyperglycemia.



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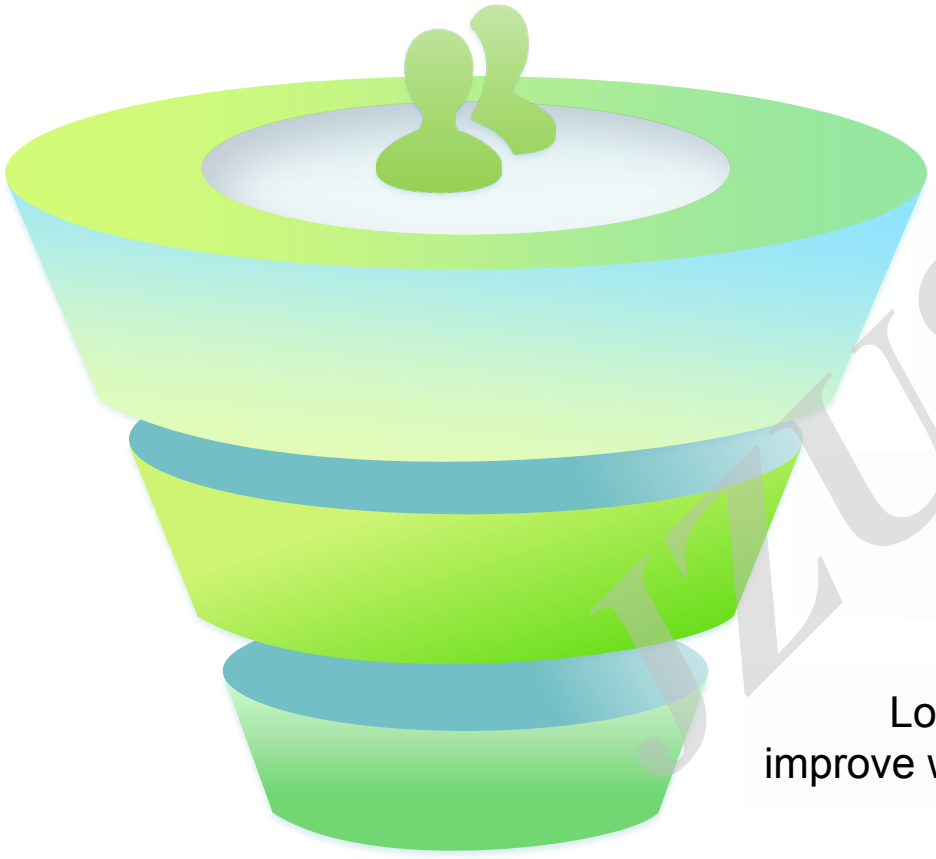
Innovation points



Severe acute copper sulfate toxicity leads to hemolysis, methemoglobinemia, and multi-organ failure.

Early plasmapheresis and continuous renal replacement therapy alleviated toxicity.

Long-term complications including hyperglycemia improve with timely dialysis and adaptive insulin therapy.

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