

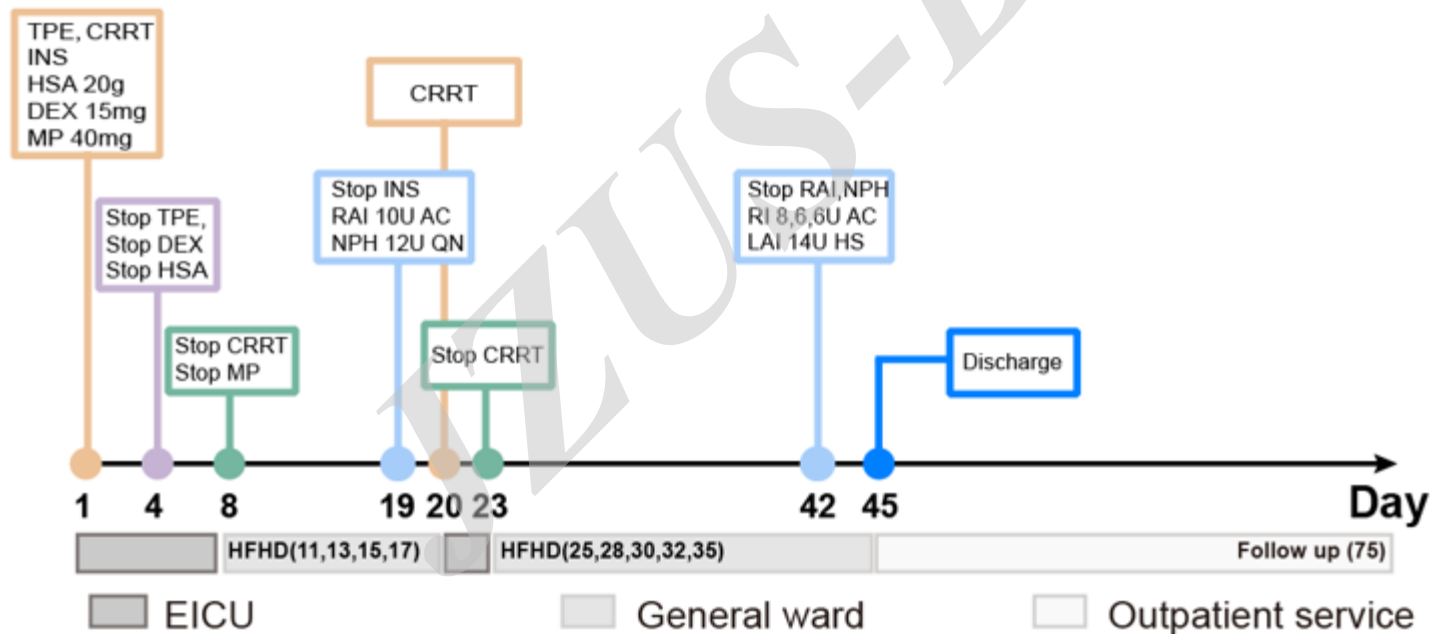
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# Residual hyperglycemia after successful treatment of a patient with severe copper sulfate poisoning

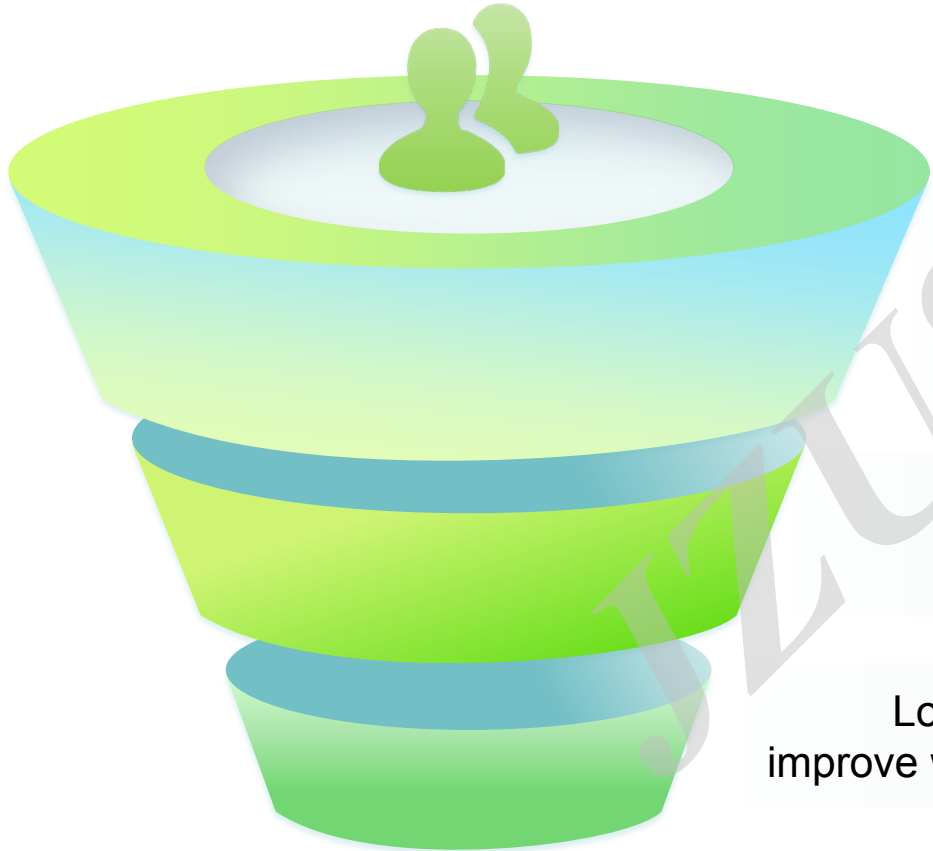
**Key words:** Copper sulphate poisoning, Multiple organ dysfunction syndrome, Hyperglycemia

# Research Summary

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



# *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.