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Extracellular volume depletion and resultant hypotonic hyponatremia: a novel translational approach

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## Highlights

- Intravascular volume depletion is a common problem in everyday clinical practice.
- Hypovolemia-triggered vasopressin release induces hypotonic hyponatremia.
- We present a theoretical model that describes the relationship between volume depletion and hyponatremia.

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