

# CAN INTRADIALYTIC PARENTERAL NUTRITION IMPROVE NUTRITIONAL PARAMETERS IN HEMODIALYSIS PATIENTS?

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## BACKGROUND

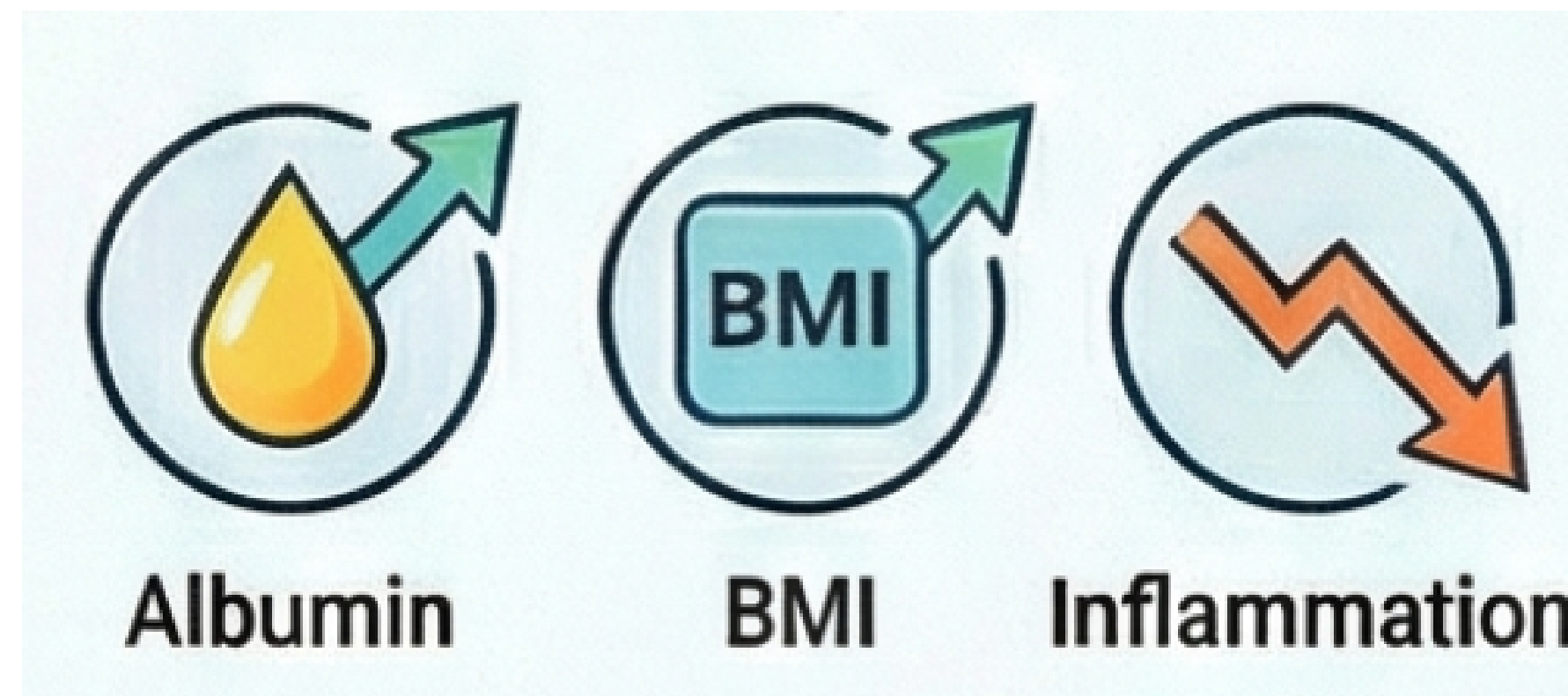
Hemodialysis patients are at **high risk of malnutrition**

IDPN is recommended for patients unable to meet requirements through oral or enteral diet

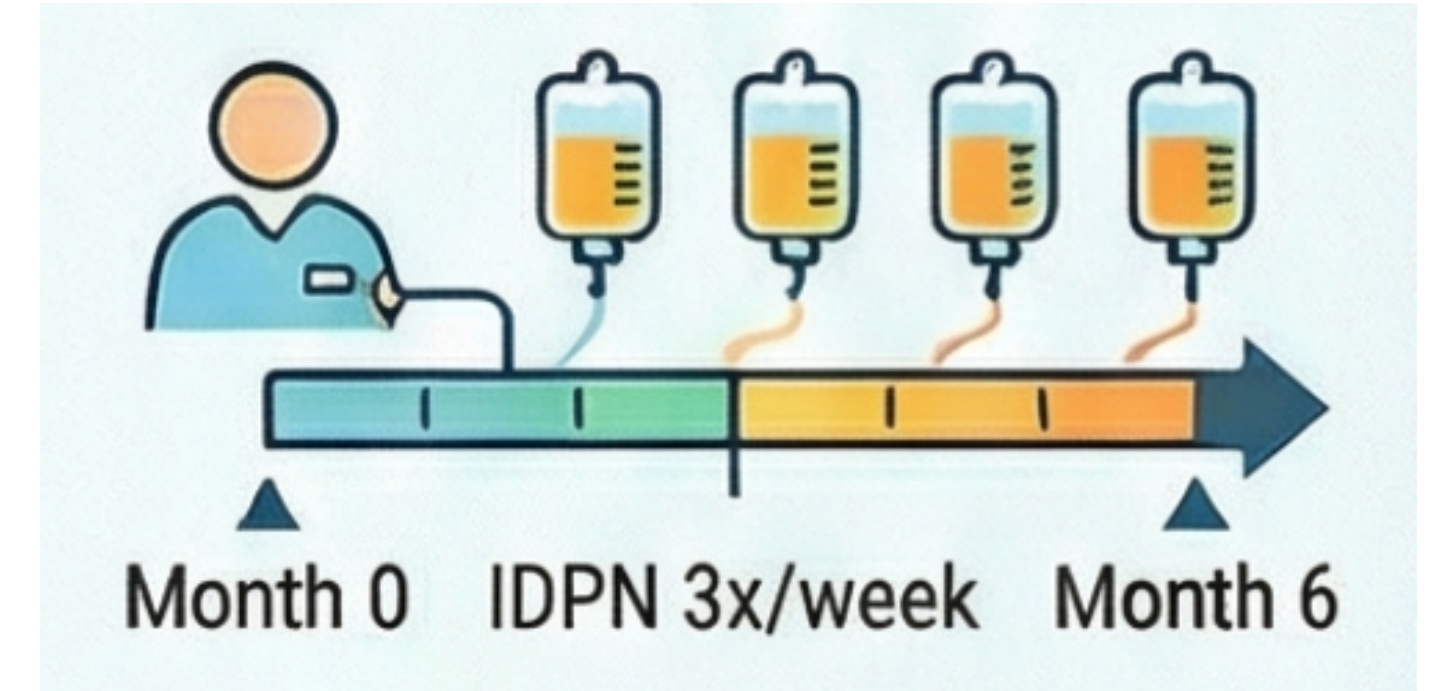
Nevertheless, evidence regarding the effectiveness of IDPN remains limited and is mostly derived from small cohorts

## AIM AND OBJECTIVES

To evaluate the impact of IDPN on nutritional and biochemical parameters at baseline, 3 months, and 6 months.



## MATERIAL AND METHODS



Retrospective  
Multidisciplinary  
Observational

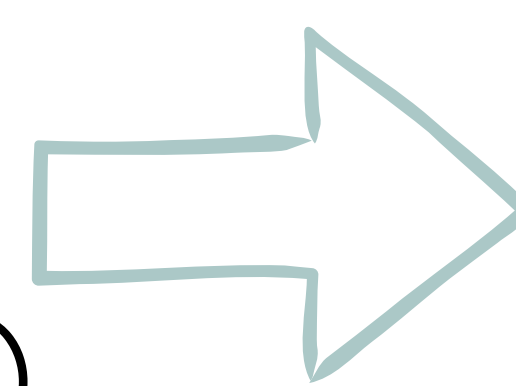
Adult patients receiving IDPN for >6months (2021-January 2025)

## RESULTS

**7 patients included**

Female 4(57.1%)

Median age: 67years(63-65).



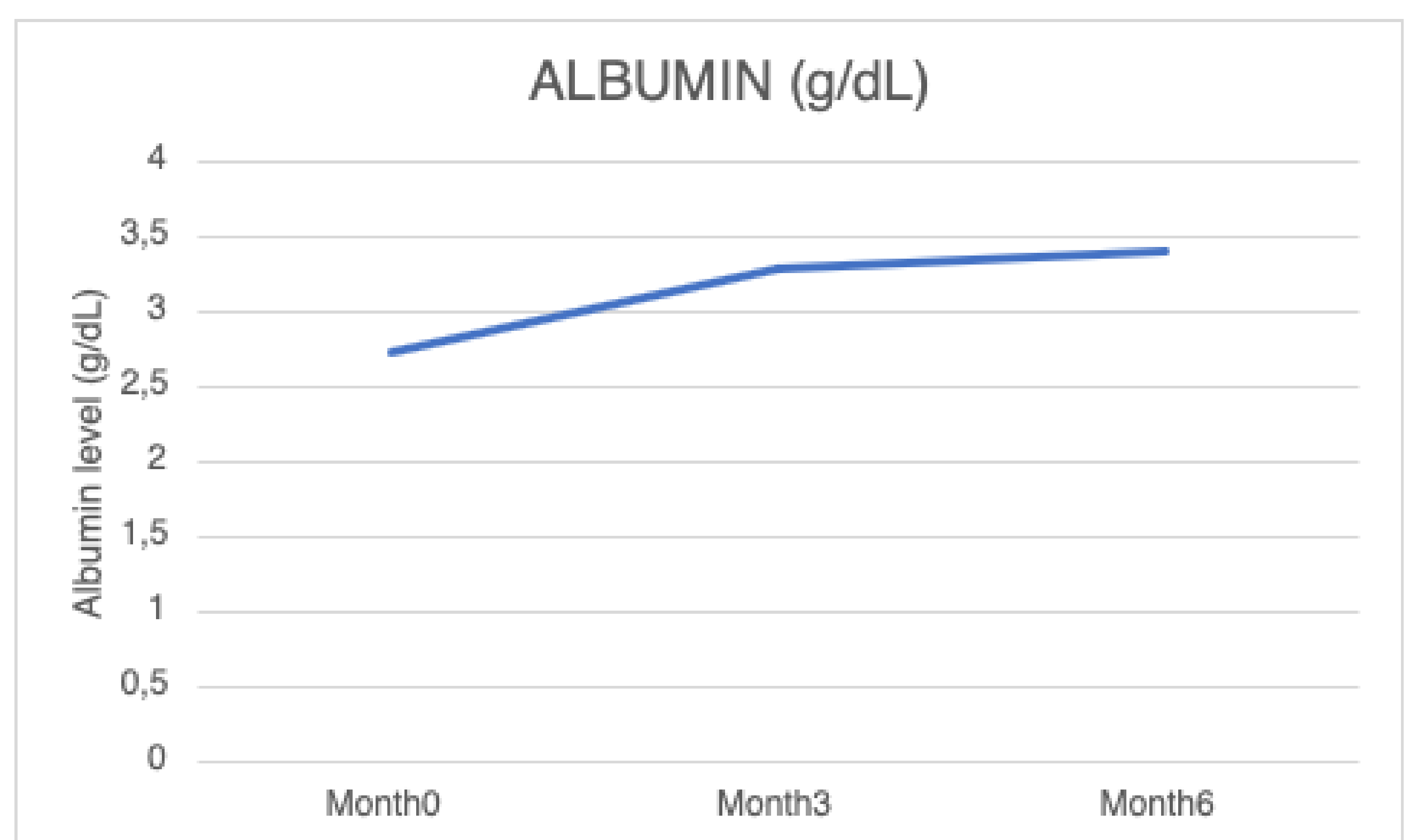
Weight: 54.6kg(45.5-62.3)

BMI: 19.3kg/m<sup>2</sup>(16.7-22.9)

Charlson Comorbidity Index: 5(5-8).

	Month 0 (Baseline)	Month 3	Month 6
<b>Albumin</b> (g/dL)	<b>2.74</b> [2.56-3.64]	<b>3.30</b> [3.21-3.37]	<b>3.41*</b> [3.39-3.65]*
<b>BMI</b> (kg/m <sup>2</sup> )	<b>19.3</b> [16.7-22.9]	<b>17.0</b> [16-25.5]	<b>20.8</b> [16.9-26.5]
<b>CRP</b> (mg/L)	<b>26.3</b> [4.9-44.8]	<b>15.5</b> [5.3-117.5]	<b>6.0</b> [2.5-279]

\*Statistically significant increase (p=0.043) reached between months 3 and 6.



## CONCLUSIONS

Findings suggest IDPN supports nutritional recovery, though larger cohort studies are still needed

