



A service of the National Library of Medicine
and the National Institutes of Health

My NCBI 
[\[Sign In\]](#) [\[Register\]](#)

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for

Limits Preview/Index History Clipboard Details

About Entrez

Display Abstract Show 20 Sort by Send to

Text Version

All: 1 Review: 0 

Entrez PubMed

Overview
Help | FAQ
Tutorials
New/Noteworthy 
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI

Related Resources

Order Documents
NLM Mobile
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: [Clin Nephrol.](#) 1975;3(5):187-94.

[Related Articles, Links](#)

Treatment of chronic uremic patients with protein-poor diet and oral supply of essential amino acids. I. Nitrogen balance studies.

[Bergstrom J](#), [Furst P](#), [Noree LO](#).

Twenty-six nitrogen balance studies were performed in 15 patients with severe uremia (Ccr mean value 5.1, range 2.3-8.5 ml/min) treated with an unselected protein-poor (16-20 g protein/day corresponding to 2.6-3.2 g N/day) diet and oral supply of the essential amino acids including histidine (2.6 g N/day). The general condition improved and the concentration of serum urea nitrogen decreased. The nitrogen balance, corrected for changes in total urea pool, was negative on the diet alone, -1.46 plus or minus 1.15 g N/day (mean plus or minus SD), but was positive when the essential amino acids were supplied, plus 0.84 plus or minus 0.68 g N/day. In four patients studied after 3 to 26 months of diet and amino acid therapy, during which time a further deterioration of the renal function had occurred, the nitrogen balance was around zero in three and negative in one patient (-1.2 g N/day). The results show that it is possible with our new regimen to attain positive nitrogen balance or nitrogen equilibrium in severely uremic patients without excessive accumulation of urea in the body fluids.

PMID: 1149343 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Sort by Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Jul 17 2006 06:31:01