



INTERNATIONAL
IV NUTRITIONAL THERAPY
GLOBAL PHYSICIAN EDUCATION

INTERNATIONAL INTRAVENOUS MICRONUTRIENT THERAPY

IIVNTP

KELLY BRINK RN

BRENDEN COCHRAN ND

MEGAN GOLANI ND

SHAWNA KIKER ND

VIRGINIA OSBORNE ND

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SHAWNA KIKER ND



EXHIBITOR

MCGUFF MEDICAL



**McGuff
Compounding Services**

We have established ourselves as a well-respected partner and leader in the pharmaceutical compounding industry. Our state-of-the-art compounding pharmacy is FDA inspected & PCAB accredited.



**McGuff
Pharmaceuticals**

McGuff Pharmaceuticals is a Food and Drug Administration (FDA) registered sterile fill manufacturer that maintains a tradition of quality and core competency in FDA current Good Manufacturing Practices (cGMP).



**McGuff
Medical Products**

A distributor of more than 4,000 products including: oral and injectable pharmaceuticals, medical devices, IV solutions, IV therapy, exam room supplies and physician office supplies.

Donated Supply Packets & All Supplies for 4-Day Practical

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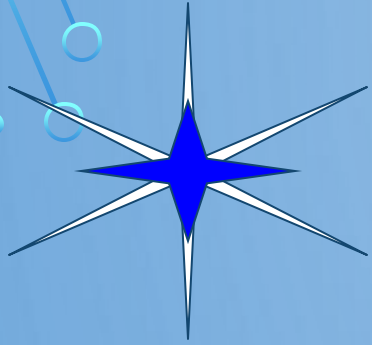
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AMARC
College Pharmacy

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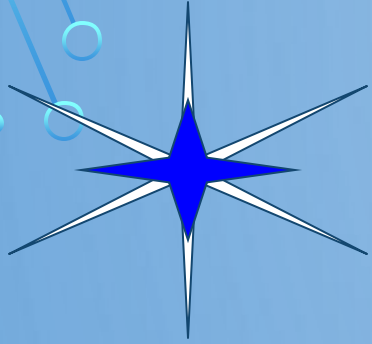
MERIT PHARMACEUTICAL

Donated Supply Packets for 4-Day Practical

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WE CARE PHARMACY

THANK YOU!



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RATIONALE FOR PARENTERAL VITAMIN AND MINERAL THERAPY

IVNTP
2025

RATIONAL

- **If nutrients can be used to handle disease...**

should it matter by which route they enter the body?

- By the time diseases manifest it is often too late for oral vitamins and minerals
- All life with the exception of viruses are composed of cells and cell products
- Our goal is to provide the nutrients.

RATIONAL

- What a cell needs to be maximally healthy
 - Always found in nature
 - “The cell” is billions of cells
 - Transport and absorption of nutrients
 - Cell wall concentration gradient

RATIONAL

- Concentration of Nutrients
- Higher external cell concentration

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- Cell Absorption Factors
- Cell Absorption IV and IM injections
- IM and IV quickest route

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- Gut microbiome/flora
- Conversion of some nutrients to harmful nutrients in patients with a poor microbiome

RATIONAL

- Conclusion

- Many patients will have a fear of IV or IM administration
- Pt's have known or heard of someone who was ill or deceased from IV or IM synthetic drugs.
- Often due to the unpredictability of the synthetic drugs.

- ❖ Vitamins Minerals and other natural injectables are less suspect

- ❖ Not exempt