



# NUTRITION SUPPORT CALCULATION TUTORIAL

## Calculating PN Provision based on Stock Solutions

Repeat formulae 100 ml of 20% dextrose, 200 ml of 20%  
Calculate total energy and volume

Have grams protein, need to calculate

- Dextrose = 100g
- Lipids = 25g
- Protein = 10g

### SCENARIO

40-year-old male,  
admitted with acute  
pancreatitis &  
pneumonia

Needs Assessed:  
1800 kcal = 90 g protein

#### Anthropometrics

- Actual weight 75 kg
- Height 67 inches
- Partners advised both values
- 50 kcal
- 10 kcal
- 100 kcal



200g dextrose x 1000g / 1000 ml = 200g / 1000 ml = 0.2g

#### Lipid Infusion Rate:

40 g lipid / 75 kg / 24 hrs = 0.208 g/kg/d

## Nutrition Assessment Calculations & Conversions

Pounds to kg – divide by 2.2

## PN Practice Calculation Scenario



<https://nutritionstudysupport.com>

# Tutorial Nutrition Guide

**EW Minium**



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## **Table of Contents Tutorial Nutrition Guide**

1. Understanding the eBook Tutorial Nutrition Guide
  - The Rise of Digital Reading Tutorial Nutrition Guide
  - Advantages of eBooks Over Traditional Books
2. Identifying Tutorial Nutrition Guide
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Tutorial Nutrition Guide
  - User-Friendly Interface
4. Exploring eBook Recommendations from Tutorial Nutrition Guide
  - Personalized Recommendations
  - Tutorial Nutrition Guide User Reviews and Ratings
  - Tutorial Nutrition Guide and Bestseller Lists
5. Accessing Tutorial Nutrition Guide Free and Paid eBooks

- Tutorial Nutrition Guide Public Domain eBooks
  - Tutorial Nutrition Guide eBook Subscription Services
  - Tutorial Nutrition Guide Budget-Friendly Options
6. Navigating Tutorial Nutrition Guide eBook Formats
    - ePub, PDF, MOBI, and More
    - Tutorial Nutrition Guide Compatibility with Devices
    - Tutorial Nutrition Guide Enhanced eBook Features
  7. Enhancing Your Reading Experience
    - Adjustable Fonts and Text Sizes of Tutorial Nutrition Guide
    - Highlighting and Note-Taking Tutorial Nutrition Guide
    - Interactive Elements Tutorial Nutrition Guide
  8. Staying Engaged with Tutorial Nutrition Guide
    - Joining Online Reading Communities
    - Participating in Virtual Book Clubs
    - Following Authors and Publishers Tutorial Nutrition Guide
  9. Balancing eBooks and Physical Books Tutorial Nutrition Guide
    - Benefits of a Digital Library
    - Creating a Diverse Reading Collection Tutorial Nutrition Guide
  10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
  11. Cultivating a Reading Routine Tutorial Nutrition Guide
    - Setting Reading Goals Tutorial Nutrition Guide
    - Carving Out Dedicated Reading Time
  12. Sourcing Reliable Information of Tutorial Nutrition Guide
    - Fact-Checking eBook Content of Tutorial Nutrition Guide
    - Distinguishing Credible Sources
  13. Promoting Lifelong Learning
    - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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