



# NUTRITION SUPPORT CALCULATION TUTORIAL

## Calculating PN Provision based on Stock Solutions

Repeat formulae 100 ml of 20% glucose, 200 ml of 20% dextrose 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 & pseudocyst

Needs Assessed:  
1800 kcal = 90 g protein

#### Anthropometrics

- Actual weight 75 kg
- Height 67 inches
- Patient assessed with values
- 80 kcal
- 10-12g
- 1000-200



200g dextrose x 1000 / 1000 ml = 200g

- 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

154  
300  
150

## PN Practice Calculation Scenario



# Tutorial Nutrition Guide

**Educators Progress Service**



## **Tutorial Nutrition Guide:**

**Catalog. Supplement - Food and Nutrition Information and Educational Materials Center** Food and Nutrition Information and Educational Materials Center (U.S.), **Grade 4 Know Your Body Teacher's Guide** Institute For Cancer Prevention,2000-06 **Food and Nutrition Information and Educational Materials Center catalog** Food and Nutrition Information Center (U.S.),1976 **Directory of Food and Nutrition Information for Professionals and Consumers** Robyn C. Frank,Holly Berry Irving,1992 Emphasizes nutrition education food science food service management and related aspects of applied nutrition Part I has chapters on organizations that provide information services and or resources on food and nutrition academic programs software and databases Part II is composed of annotated bibliographic entries and lists of organizations Intended to assist nutritionists dietitians health professionals educators librarians and consumers in identifying sources of food and nutrition information **Catalog** Food and Nutrition Information Center (U.S.),1974 **Guide for the Homemaker's Course** ,1977 **Simplified Diet Manual Study Guide** Iowa. State Department of Health. Nutrition Section,1967 **The Trained Nurse and Hospital Review** ,1922 A monthly magazine of practical nursing devoted to the improvement and development of the graduate nurse **Resources in Education** ,1991-08 *Food Lessons for Nutrition Classes* Mary Swartz Rose,1922 **Nutrition Education Resource Guide** ,1982 Abstract A resource guide lists evaluated nutrition education materials available nationwide with special emphasis for the Women Infants and Children and the Commodity Supplementary Foods Programs The format is designed to assist selecting acquiring and developing materials accurate and appropriate for WIC CSFP participants Every entry consists of an abstract descriptors and an appraisal plus information on format cost and availability a reading level based on Edward Fry s Readability Formula that Saves Time is given for most printed materials listed Two appendices provide the guidelines used to evaluate the materails and the evaluation work sheets kbc **The 1984 Educational Software Preview Guide** ,1984 **Directory of Food and Nutrition Information Services and Resources** Robyn C. Frank,1984 Directory intended to assist nutritionists and other interested professionals as to sources of food and nutrition information Emphasis is on management education food science and related aspects of applied nutrition Arranged under nine chapters dealing with such topics as databases reference materials and organization and agencies Each entry gives discription Subject geographical organization and program indexes **Nutrition Education** California. State Department of Education,1984 Document prepared by the Nutrition Education and Training Program in coop with the Office of Child Development and the Office of Curriculum Services California State Department of Education *Guide to Literature of Home and Family Life* Annie Isabel Robertson,1924 **Indiana Farmer's Guide** ,1921 **Virginia State Publications in Print** ,1990 **Virginia State Documents** ,1999 **Agriculture and Human Values** ,1984 *What's New in Home Economics* ,1942

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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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