



# NUTRITION SUPPORT CALCULATION TUTORIAL

## Calculating PN Provision based on Stock Solutions

Repeat formulae 100 ml of 20% dextrose, 200 ml of 20% ...  
Calculates 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:  
1500 kcal = 90 g protein

#### Anthropometrics

- Actual weight 75 kg
- Height 67 inches
- Partners advised with values
- 50 kcal
- 10-120
- approx 200



200g dextrose x 1000 / 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



# Tutorial Nutrition Guide

**ML Yell**



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