

The International Nutrition Survey (INS) is an ongoing quality improvement initiative, which aims to compare current nutrition practices in adult ICU patients within and across different countries.

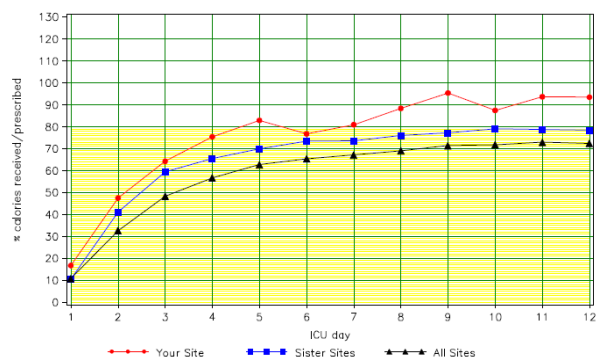
**The survey begins on September 17<sup>th</sup>, 2014**

**Why participate?** Participating ICUs are provided with a 30-page benchmarked performance report highlighting their strengths and weaknesses in comparison to other ICUs in the database and to the Canadian Clinical Practice Guidelines.

## Site Reports

- To obtain a site report, finalize at least 15 patients
- Your site report will allow you to compare your ICU's nutrition practices to:
  - Current guideline recommendations
  - Your 2011 or 2013 performance, if applicable
  - Other ICUs within your country/region
  - All participating ICUs
- Site report provides benchmarked information on:
  - Characteristics of your ICU and patients
  - Overall nutrition performance (*see figure below*)
  - Type of nutrition patients received
  - Time to initiation of enteral nutrition (EN)
  - Use of glutamine and immune enhancing diets
  - Use of motility agents and small bowel feeding
  - Duration of and Reasons for EN interruptions
  - Use of parenteral nutrition
  - Glycemic control
- Comparing your practices to the guideline recommendations and to other ICUs will allow you to:
  - Illuminate differences in nutrition practices
  - Identify your strengths and weaknesses
  - Highlight opportunities for improvement
  - Raise questions for future research

### Adequacy of Calories from Appropriate Nutrition



Your site's performance is shown alongside that of your "sister sites" (all sites from your geographical region, e.g. United States), and to all sites participating in the survey.

## The Best of the Best Award

*Awarded to the top 10 performing sites in the International Nutrition Survey*

### Why participate?

Opportunity to be publicly acknowledged and rewarded for outstanding nutrition practices! The top site will receive \$1000 towards attending an educational meeting of their choice.

### How to participate:

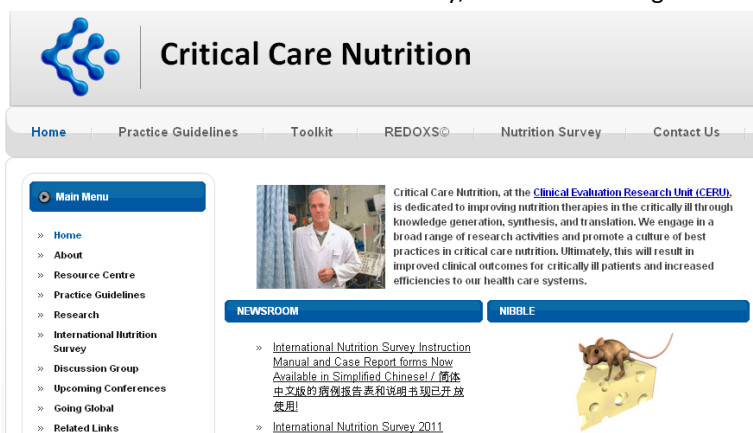
- Collect data on at least 20 patients in the Survey
- Finalize data entry at your site
- Allow us to verify your source data
- Eligible ICUs must have feeding protocols in place



## How to Get Involved

**For more information:** Go to our website ([www.criticalcarenutrition.com](http://www.criticalcarenutrition.com)) or contact Margot Lemieux (Project Assistant) at [lemieuxm@kgh.kari.net](mailto:lemieuxm@kgh.kari.net).

- The Critical Care Nutrition Website is your friend!
  - Quality Improvement Tools at our "Resource Centre"
  - International Nutrition Survey Mailing List and Newsletters
  - International Nutrition Survey "Obtaining Ethics Approval" Help Doc
  - Click on International Nutrition Survey, and then "Getting Started"



The screenshot shows the website header with the logo and navigation menu (Home, Practice Guidelines, Toolkit, REDOXs, Nutrition Survey, Contact Us). The main content area features a 'Main Menu' with links to Home, About, Resource Centre, Practice Guidelines, Research, International Nutrition Survey, Discussion Group, Upcoming Conferences, Going Global, and Related Links. A featured article titled 'Critical Care Nutrition, at the Clinical Evaluation Research Unit (CERU), is dedicated to improving nutrition therapies...' is displayed with a photo of a man in a white coat. Below the article are buttons for 'NEWSROOM' and 'NIBBLE', and a small image of a mouse on a piece of cheese.

## What Does Participation Involve?

Collect data from hospital records (20 patients)



Enter data online



Respond to Queries



Receive Site Reports



## What Type of Data is Collected\*?

### Hospital and ICU Characteristics

Number of beds in hospital/ICU, dietitian ICU coverage, feeding protocol information, etc.

### Patient Information

Sex, age, hospital/ICU admission date/time, primary ICU admission diagnosis, APACHE II score, head of bed elevation, etc.

### Baseline Nutrition Assessment

Height/weight, method/weight used in calculating nutrition requirements, goal energy/protein requirements, date/time EN/PN initiated, EN delivery technique, etc.

### Daily Nutrition Data

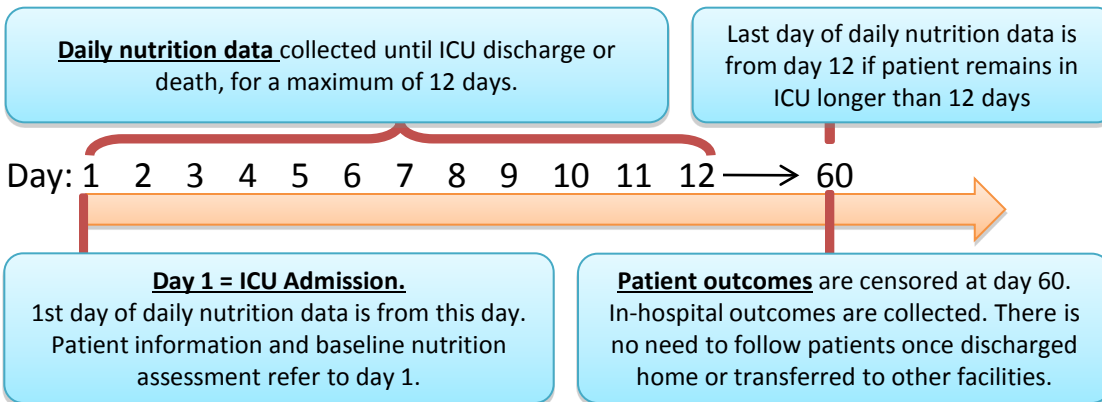
Type of nutrition received (EN/PN/oral), morning blood glucose, hypoglycemic events, insulin, supplemental glutamine/selenium, probiotics, vitamin C, zinc, propofol, location of feeding tube, motility agents, EN formula(s)/PN solution(s) provided, calories/protein from EN/PN, prescribed energy/protein intake, EN interruptions, etc.

### Patient Outcomes

ICU/hospital discharge date/time, mechanical ventilation stop date/time, death date/time

\*New in INS 2014, we will be collecting additional data specific to burn units not listed here.

## Patient Data Collection Timeline



## Survey Inclusion/Exclusion Criteria

