

# Hvad fandt jeg, da jeg ryddede mit kontor?

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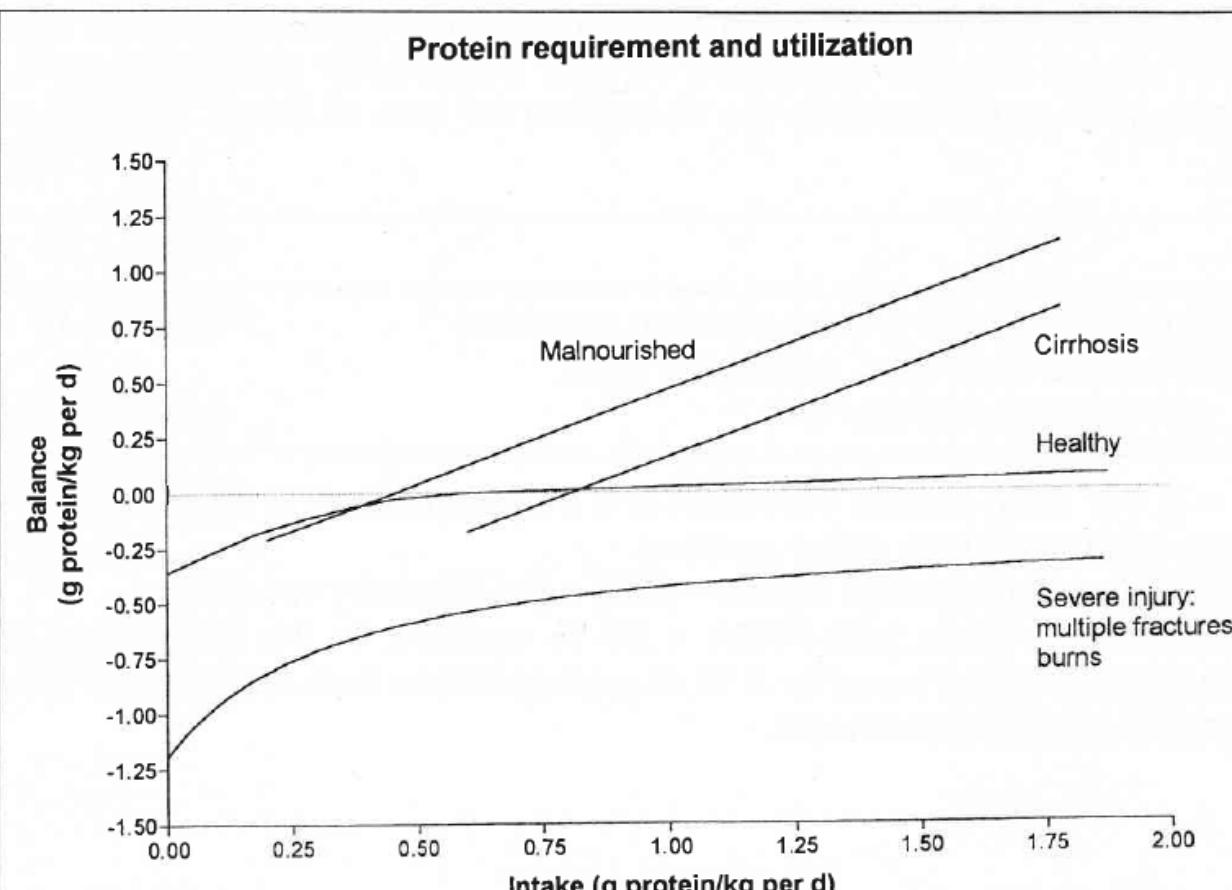
Honoraria and grants from Danish government, Arla Dairy Company,  
Danish Meat Association, Fresenius-Kabi, Nutricia, Nestle, Skaroe ice-cream



Rigshospitalet  
University of Copenhagen

# Efficacy of refeeding

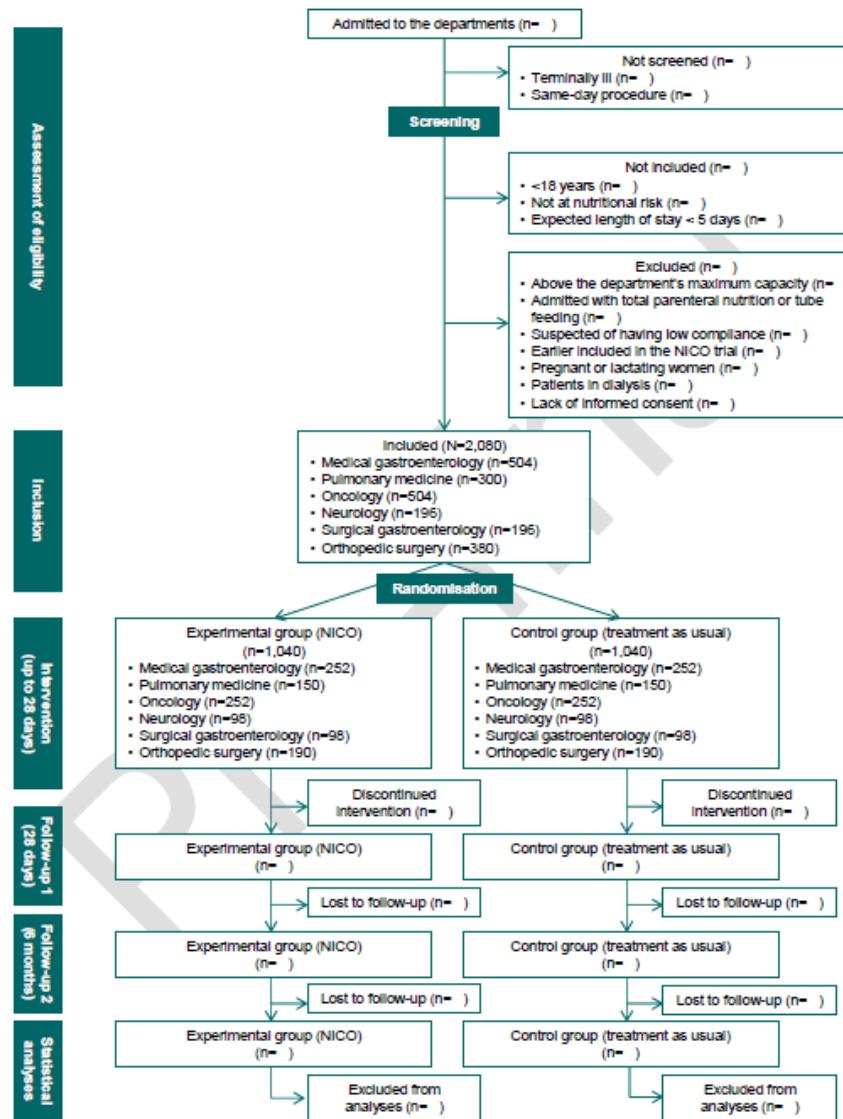
Kondrup et al (1996) Z Gastroenterol 34: 26-31



*Fig. 2.* Protein balance versus protein intake for patients with liver cirrhosis (ref. 4) shown in comparison with healthy subjects (ref. 8 & 9), malnourished subjects (ref. 10) and severely injured patients (ref. 11).

- Hvad bestemmer den metaboliske, funktionelle og kliniske effekt af ernæring?
- Både m.h.t. patientens endokrinologi og m.h.t. præparatets sammensætning

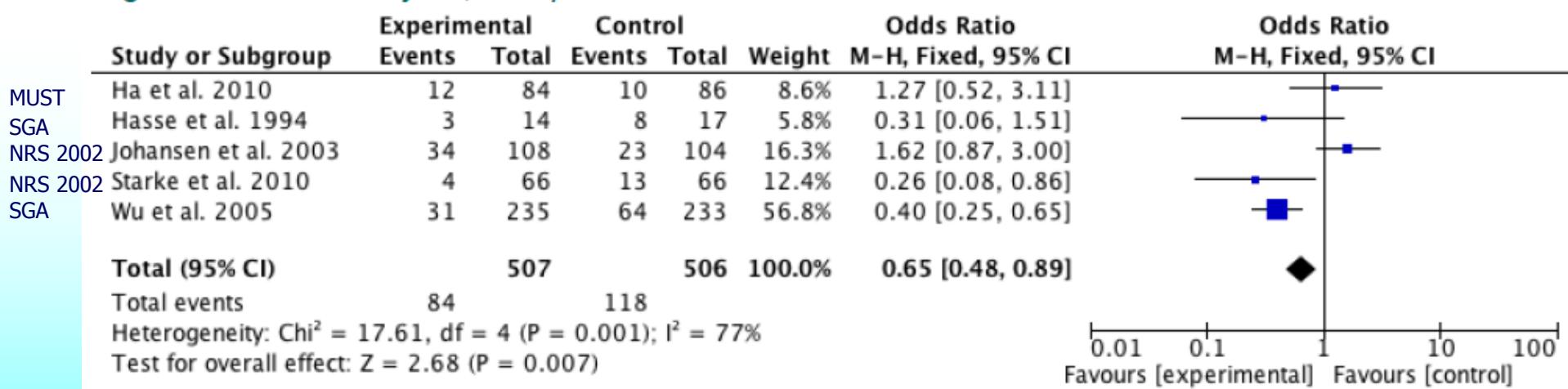
## Trial flow chart



# Meta-analyse i NICO protokol

## NICO (Nutritional Intervention and Clinical Outcome)

Figure 1: Meta-analysis, complications



Høj heterogenitet. Lav kvalitet

# NUTRITION SUPPORT IN HOSPITALISED ADULTS AT NUTRITIONAL RISK. A COCHRANE SYSTEMATIC REVIEW WITH META-ANALYSIS AND TRIAL SEQUENTIAL ANALYSIS

Feinberg et al Abstract ESPEN 2016

- **Methods:** Randomised clinical trials comparing nutrition support of any kind versus control in hospitalised adults at nutritional risk. Any definition of 'nutritional risk' ranging from formally validated definitions to 'trialists opinion'.
- **Results:** 224 randomised clinical trials randomising 28,076 participants. All trials were at high risk of bias. Nutrition support did not significantly reduce mortality. Nutrition support at maximum follow-up significantly reduced SAEs (RR 0.88; 95% CI 0.81 to 0.9; P = 0.003; 22,402 participants; 123 trials).
- **Conclusion:** Overall, nutrition support does not seem to have clinically significant benefits in hospitalised adults at nutritional risk.



## Nordic Nutrition Recommendations 2012

Integrating nutrition and physical activity



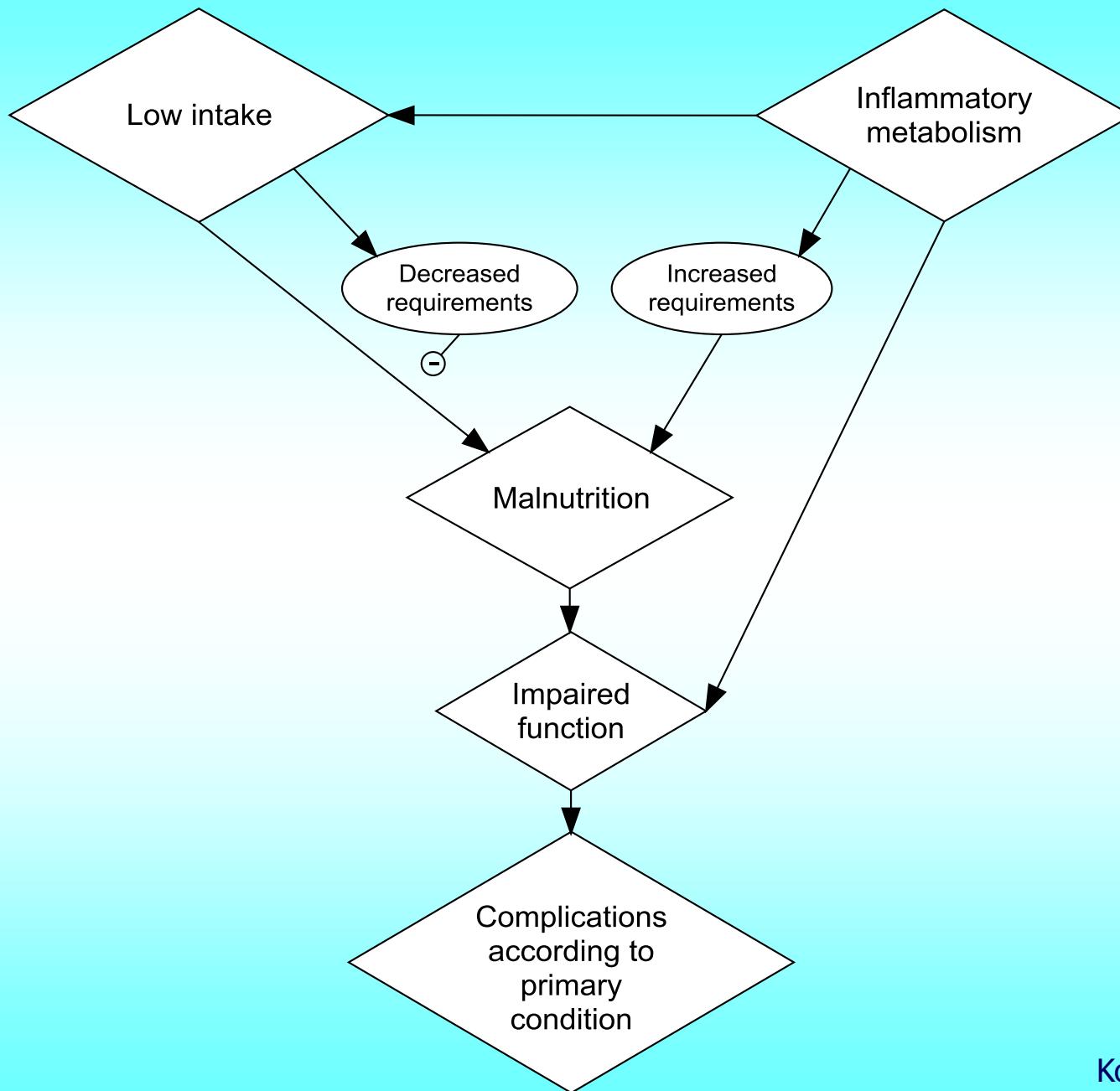
*versus*



**THE COCHRANE  
COLLABORATION**

# **Starvation**

# **Disease**



- kun ved trial and error...
- mere af det...
- **uden** genveje

VEJLEDNING TIL LÆGER,  
SYGEPLEJERSKER, SOCIAL-  
OG SUNDHEDSASSISTENTER,  
SYGEHJÆLPERE OG  
KLINISKE DIÆTISTER

Screening og behandling af  
patienter i ernæringsmæssig risiko

Den Danske  
Kvalitetsmodel

**DDKM**

FAGLIGE ANBEFALINGER  
OG BESKRIVELSER AF  
GOD PRAKSIS  
FOR ERNÆRINGSINDSAT  
**TIL ÆLDRE MED  
UPLANLAGT VÆGTTAB**



...det er ikke nok med

- DSKE
- Folketingsbeslutning
- Ministre
- Styrelser
- fordi offentlige ledere leder som vinden blæser

# Løsning: Netværk

The screenshot shows a website for 'Landbrug & Fødevarer'. The header includes a logo, navigation links for 'Aktuelt', 'For medlemmer', 'Tal & analyser', 'Viden om', 'Om os', 'Kontakt', 'English', 'Medlemslogin', and a search bar. Below the header, a breadcrumb trail shows 'Aktuelt / Forum for Underernæring'. The main content area features a section titled 'Forum for Underernæring' with a sub-section 'Hvorfor Forum for Underernæring?'. It includes a photo of an elderly woman eating. To the right, there's a sidebar with 'Anbefalinger til reduktion af underernæring' and a thumbnail of a publication titled 'UNDERERNÆRING'. A small sidebar on the left lists news items from the forum.



DANSKE MULTIDISCIPLINÆRE CANCER GRUPPER

# Forum of disease-related malnutrition

## Other partners: unions

- FOA trade union for public servants, 191.000 members
- Danish Nurses' Organization, 75.000 nurses
- Association of Danish Clinical Dietitians
- Association of Physiotherapists
- Association of Occupational Therapists
- Association of Dental Technicians
- Association of Dental Caregivers

# Forum of disease-related malnutrition: Other partners

- DaneAge Association, 720.000 members
- Danish Cancer Society
- Danish Crown (meat products)
- Arla Foods (dairy products)
- Food for Medical Purposes/Danish Center of Commerce
- National Food Institute, University
- Copenhagen House of Food: public meals
- Food Culture: better food for everyone
- National Board of Health
- National Board of Social Services
- Veterinary and Food Administration

## ...samme hammel

- Hospitaler:  $\geq 75\%$  senest på 4. dagen
- Faglige anbefalinger – successkriterier?
  - ◆ Ved udskrivelse fra hospital til hjemmet
  - ◆ Ved genoptræningsindsatser
  - ◆ Ved hjemmepleje og i plejebolig
  - ◆ Ved praktiserende læge

- Meget er prøvet
- Kun lidt er opnået
- Der er et kæmpe behov for jeres indsats
- ...af høj kvalitet

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Feinberg et al 2016

4.6 Serious adverse events - different screening tools	135	22402	Risk Ratio (M-H, Random, 95% CI)	0.88 [0.81, 0.96]
4.6.1 NRS 2002	4	5064	Risk Ratio (M-H, Random, 95% CI)	1.03 [0.89, 1.21]
4.6.2 MUST	1	124	Risk Ratio (M-H, Random, 95% CI)	1.37 [0.64, 2.92]
4.6.3 MNA	2	117	Risk Ratio (M-H, Random, 95% CI)	0.61 [0.12, 3.18]
4.6.4 SGA	0	0	Risk Ratio (M-H, Random, 95% CI)	Not estimable
4.6.5 Other means	128	17097	Risk Ratio (M-H, Random, 95% CI)	0.85 [0.78, 0.94]