Fighting the malnutrition battle: THE POWER OF PARTNERSHIPS

Annual Meeting of Clinical Nutrition in Denmark Copenhagen May 9th 2014

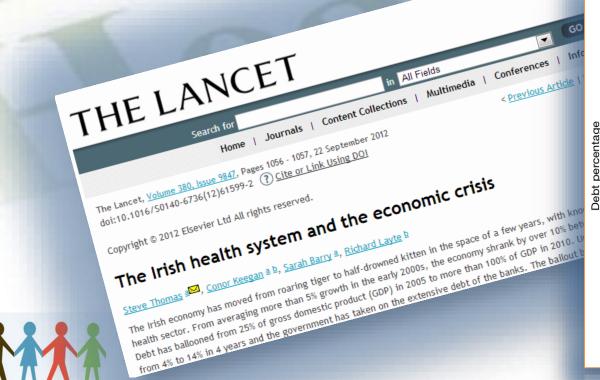
Niamh Rice
Nutrition and Medical Affairs Consultant
Director IrSPEN

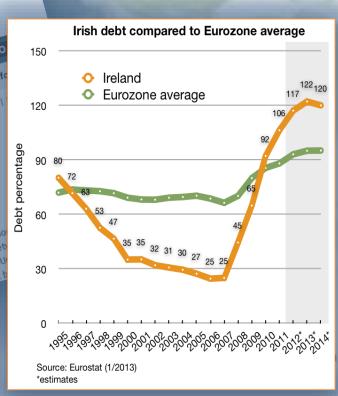




Background

CUTS OF €3.3BILLION IN 3 YEARS (22%)





Clinical nutrition targeted for savings

Irish Medical Times

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Amendment to

Competition Act

will not apply to

the IPU

NEWS

HSE to target nutritional

"The MEE is also undertaking

competitive tendering amongs- very small-amount per puck of regular checks are assoled.

the supplement coacy opened.

New group established to secure savings of €64m in state's drug bil

Chair of a new group charged with to officer if the recognitions with the trials.



Health Minister warns of greater HSE cuts for 2012



€750m in healthcare cuts to hit the most vulnerable

By Fiachra Ó Cionnaith and Evelyn Ring

TUESDAY, JANUARY 17, 2012

THE old, the sick and the vulnerable will bear the brunt of HSE plans to cut €750 million from a creaking health system. Despite claims from Health Minister James Reilly that the move means funds will be more effectively targeted, the HSE's national states and the second states are second sometimes. Among the €750m worth of cutback measures, which mean €2.5 billion has been slashed from the system since January 2010, a





The problem









IrSPEN launched December 2010

New group established to combat malnutrition



The ISPEN board members are: (1-r) Dr Eileen Gibney, Ms Julie Dowsett, Ms Janis Morrissey, (1-r, front) Dr Nick Kennedy, Mr John Reynolds, and Ms Niamh Rice

DANIELLE BARRON

A new multi-profession healthcare group has been launched which aims to raise awareness of the enormous hidden cost of malnutrition to the Irish healthcare system, with older people and those with underlying disease or chronic illness at particular risk.

The Irish Society for Parenteral and Enteral Nutrition (ISPEN) will focus on improving the detection and management of all nutritionally at-risk patients in hospitals, residential care or living at home.

The newly incorporated group has been founded with the support of the Irish Society of Gastroenterology (ISG),

Founding partners



The Irish Society of Gastroenterology





- Abbott Nutrition
- Nutricia Medical
- Fresenius Kabi





Strategy needs to focus on two core aims...

Establish malnutrition as a major and costly problem

'proactive'
nutritional care
model as solution





To shift opinion and drive change...







From strategy to action ··· (delivering solutions)



Plug into media and Government engagement to influence nutrition agenda and strengthen advocacy efforts.





Step1: Build evidence base (with help from friends)

1

Build Evidence for compelling business case



Establish local prevalence data



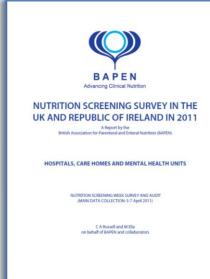
Nutrition

Health

Establish local 'burden of disease' data

Economic modelling by Elia and Stratton

INDI conducted screening, C Russell of BAPEN support invaluable



Public Health Nutrition: page 1 of 7

doi:10.1017/S1368980011003624

The cost associated with disease-related malnutrition in Ireland

Niamh Rice^{1,*} and Charles Normand²

¹NR Consulting, 3 Lumiera, Kilmacanogue, Co. Wicklow, Republic of Ireland: ²Department of Health and Management, Trinity College Dublin, College Green, Dublin 2, Republic of Ireland

Submitted 12 April 2010: Accepted 12 December 2011

Abstract

Objective: The present study aimed to establish the annual public expenditure arising from the health and social care of patients with diet-related malnutrition (DRM) in the Republic of Ireland.

Design: Costs were calculated by (i) estimating the prevalence of DRM in health-care settings derived from age-standardised comparisons between available Irish data and large-scale UK surveys and (ii) applying relevant costs from official sources to estimates of health-care utilisation by adults with DRM. No attempt has been made to estimate separately the costs of DRM and any associated disease, since each can be a cause or consequence of the other. The methods used are adapted from an evaluation of the cost of malnutrition in the UK by the British Association for Parenteral and Enteral Nutrition (2009).

Settings: Hospitals, nursing homes, out-patient clinics, primary-care clinics and home care.

Subjects: All adult patients receiving hospital in-patient, out-patient or specified community health-care services.

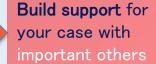
Results: The annual public health and social care cost associated with adult malnourished patients in Ireland is estimated at over £1-4 billion, representing 10% of the health-care budget. Most of this cost arises in acute hospital or residential care settings (i.e. 70%), with nutritional support estimated to account for <3% of spend. Conclusions: The cost associated with the care of patients with DRM is substantial and may rise as the proportion of older people within the population increases, a group at increased risk of DRM. Despite growing pressure on health-care budgets.



Kevwords

Step2: Use numbers to drive news

Drive awareness and build support





Plug all activities into consumer and medical media



Focus on economic backdrop to generate news / drive agenda

Key Opinion Leaders

Professional bodies

Policy advisors

Patient Advocacy groups

Health Writers

'Malnutrition costs €1.5bn'

A LEADING expert has claimed malnutrition is a huge public health problem in Ireland — costing more than €1.5 billion a year.

Professor Marinos Ilia from Britain's Institute of Human Nutrition also insisted the current economic climate is "the perfect time for Ireland

€1.5bn being spent on malnutrition

A leading expert believes Ireland needs to formulate a new policy on malnutrition and address its mounting cost







Irish Society for Clinical Nutrition



Step3: Focus on developing future champions

Educate to change minds and practice



Nutrition course developed and run with Royal College of Physicians in Ireland



Basic Nutrition Study Day for SpRs 14 ^a November 2012 RCPI		
Registration Morning Ses	: 8:45-9:00 sion: Chair: Carmel O'Hanlon and Dr. Orla Crosible	Speakers
San	Opening & Objectives	Carnel O'Harrion
1.15am	Diagnoss Mainutrition what is it, nutritional screening and assessment	Dr. Clare Corish
Care	Fluid and electrolyte problems	Dr. Kleran Crowley
0.30sm	Estimating requirements inacronutrients	Carnel O'Harlon
Tam	Coffee break	
1.20	Impact of nutrition on patient outcomes	Noreen Roche
11.50	Routes of enteral feeding, including procedures and practicalities associated with PEGPEJ tubes	Dr. Oria Crosbie
12.20	Parenteral nutrition	Namh Smyth
2 60-13.30	Close and Lunch	
Afternoon Se	resion: Chair: Dr. Declan Byrne Coening & Objectives	Speakers Dr. Declan Byrne
		Carrell O'Harrion
14.45	Ethical dilemmas in nutritional support	Dr. Decian Byrne
13.40 14.15 14.45	Obesity and nutrition Risk management. Refeeding syndrome Ethical disemmas in nutritional support Take home messages and 15:36 close	Or Laura Carrest O







For online registration & further information go to www.irspen.ie



LLL LAUNCHED MARCH 2013









Step 4: Shape policy to ensure equal access to high quality nutritional care

Access to high quality care



ONS reimbursement support activities



Addressing key risk areas with expert **IRSPEN** reports

Specialist warns against taking supplements off GMS scheme

European Society for Clinical access these products.

cost of drugs prescribed on support. taking something away, particthe GMS, who suggested that "On this basis, a short-term ularly when you have a finite savings such as those obtained measure like cutting spending budget," contended Dr Barry.

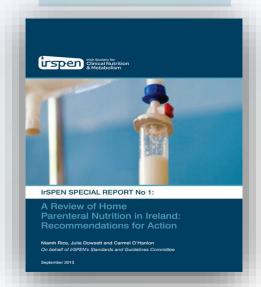
Health Minister Mary Harney Commenting on the HSE quite spart from the personal that limiting access to oral proposals, Dr Stroud said: cost to the patient, their faminutritional supplements (ONS) "Oral nutrition supplements lies, and exerts," said Dr. could have a significant ad- are actually a very cost-offee. Stroud, who was the chairman verse effect on the health, and tive means of improving clini- of a UK suidelines committee ability to cope with illness, of cal outcomes in patients who set up by the National Inthousands of ill and elderly are malnourished or at risk of stitute for Clinical Excellence malnucrition, and I would be (NICE) to examine the effec-Dr Mike Stroud said that most concerned that, if these tiveness of ONS and other the Irish actions are at odds new restrictions were to go means of medical nutrition with UK guidelines, and also ahead, many patients in need support. conflict with European advice of medical nutritional support Dr Barry told a conference

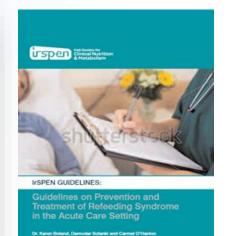
His comments came in the problem amongst chronically ONS were removed from the wake of reports suggesting ill and elderly patients than GMS scheme and replaced That a major cost-cutting exer- people realise, and these with those such as the human cise in the area of ONS will be patients are far more likely to papilloma virus (HPV) vaccine presented to Minister Harney become ill, require hospitalisa- then the Government "would soon, based on statements tion, and even die as a result of still have change in their pockfrom Dr Michael Barry, the complications that can some-et". Chairman of the HSE group times be prevented with appin charge of examining the ropriate and early nutrition product after product without

Anutritional care has might help pay for the cervical predicted to end up costing the Irish health service more,

drawn up by doctors in the will be less likely or less able to on health technology assessments last week that "you can't Nutrition and Metabolism "The fact is that malnutri-(ESPEN). "The fact is that malnutri-tion is a far more prevalent He said that if products like

"You cannot keep addin









Step 5: Nutrition Screening as key to effective nutritional care model

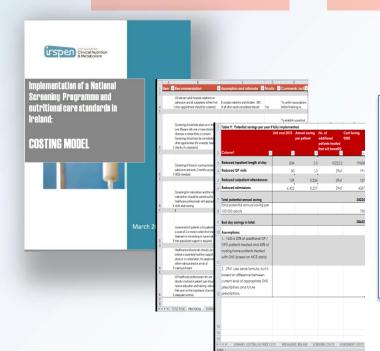
Nutritional Screening



Economic modelling presented 2013 IrSPEN conference

Savings demonstrated – meetings with Health Minister

Launch of Call to Action under EU presidency May 2013 - Patient /ENHA /IrSPEN conference





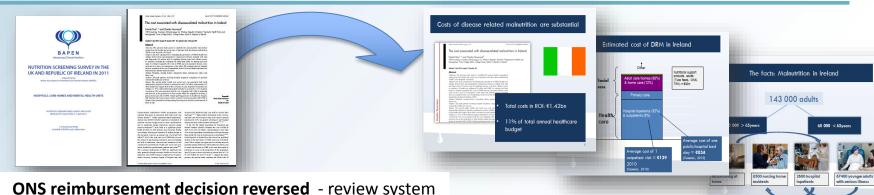
Net savings of €19million per year and over 28,600 inpatient bed days per year (1.5%) based on adapted NICE model







Results - From Evidence-base to business case



- ONS reimbursement decision reversed review system agreed November 2013
- Screening compulsory in Nursing homes

UPDATED HEALTH

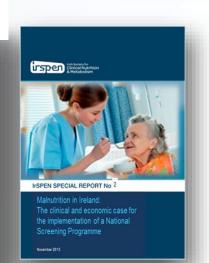
ECONOMIC MODEL

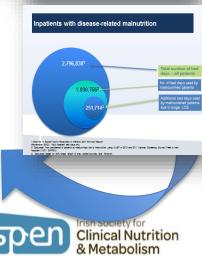
/REPORT PUBLISHED LATE

2014 IN ASSOCIATION

WITH 'BUSINESS CASE'

FOR NATIONAL STRATEGY





IrSPEN 2013 Conference & Policy Seminar March 5th/6th



Internationally renowned speakers attracting wider audiences



Developing new KOLs within



Education: Launch of LLL



Policy & Health Economics: Commitment to support 'call to action'



Making connections: collaborations on future projects



Metabolism/obesity: broadening interest for clinicians





Results -Advocacy efforts amplified through partnership

Joint meeting with ENHA, EGAN and local partners under Irish EU Presidency – May 24th

- Established 'Malnutrition
 Alliance' with patient
 organisations and INDI
- Launched 'call to action' with alliance support at collaborative meeting

Launch of key initiatives





"Malnutrition is not an inevitable consequence of old age or disease

...it can be predicted to develop in old and sick patients if systems are not in place to ensure early detection and treatment".

Professor John V Reynolds







Result - Driving awareness and making news



Results: Nutrition Education now mandatory for key groups





"Having had very little undergraduate or postgraduate training in nutrition, this course was very useful and informative" Dr. David Gibson, St. Vincents.



Leveraging our links with founding partner, Irish Society of Gastroenterology



Keynote speaker: Dr. Jon Shaffer

"The nutrition session was the highlight of the conference for me personally. It is important that the role of nutrition in treating medical conditions is fully recognised and utilised." Professor Humphrey O Connor, ISG President.



G Winter 2013 | Priscilla Lynch | 05 Dec 2013 | 0 Comment(s



of John Reynolds

Disease-related malnutrition costs at least €1.4 billion per year and is estimated to affect approximately 140,000 people in Ireland, the ISG Winter Meeting was informed.
This year the meeting held a dedicated session on nutrition for the first time.
Prof John Reynolds, Head of the Department of Clinical Surgery, St James's Hospital, Dublin,
and Chairman of the Irish Society for Clinical Nutrition and Metabolism (IrSPEN) explained tha
one in three adults admitted to hospital in Ireland are at a moderate to high risk of malnutrition,
much of which goes undetected and untreated until it is at an advanced stage.
"One of the issues IrSPEN faces is the low awareness of disease-related malnutrition as a
public health issue and a major drain on our healthcare system. In fact, direct healthcare costs
exceed those of obesity. Why? Because the effects of under-nutrition and inadequate intake in
the face of inflammation are almost immediate, unlike those of obesity, which can develop ove
years. This is something that I think doctors do not fully appreciate since the word malnutrition
associated with extremely low body weight, "Prof Reynolds told the meeting.



1000 days - Optimising medical nutrition environment

Strategic goal

Key activities

Key results / status end 2013

Next Steps 2014

1. Build compelling business case



2. Awareness for action



3. Educate to change minds and practice





- √ Health Economic Seminar kick off 2013
- ✓ Costing template showing savings of €19m per year with screening/ONS
- √ National TV, radio and press coverage of key activities in 2013 - 4,690,200 opportunities to view/ see / hear
- ✓ Patient groups echoing messages
- ✓ IrSPEN nutrition training <u>now</u> <u>compulsory</u> for Gastro SpRs
- ✓ Formal agreement signed (2013) with RCPI Espen LLL launched / 2 modules run
- √ HPN in Ireland report launched
- √ Refeeding guidelines launched
- ✓ Meetings with Health Ministers and Senior HSE directors to develop national strategy
- √ HealthServices Inspectorate now auditing screening in nursing homes

New Health
 Economic model /
 report
 (Elia collaboration)







We have a few challenges..





Healthcare providers find it hard to believe malnutrition is the **big** problem we say it is..







Despite proven benefits of nutrition support, a majority of HCPs are slow to use and quick to withdraw





Vincent – aged 57 (Gained 7 kg with ONS in hospital)

Inevitable or indefensible?



Let's wait until we're really sure...



· · · we need a more effective approach



Re-think how we market malnutrition



Doctors **MUST** be fully convinced about the benefits of nutrition support



Patients must be **empowered** to demand better



We need to speak **their language**, not have them learn ours





Key action 1

Use health
economics to
change minds,
policy and practice
..towards
PREVENTION and
EARLIER
INTERVENTION

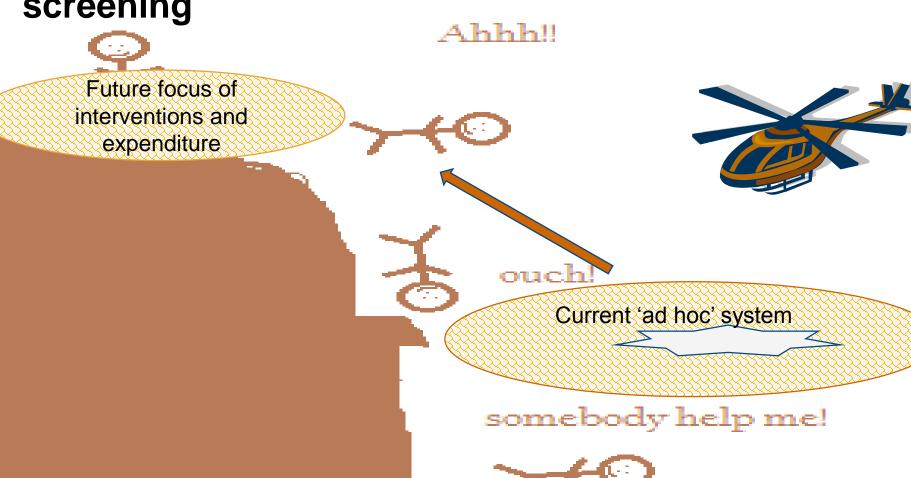


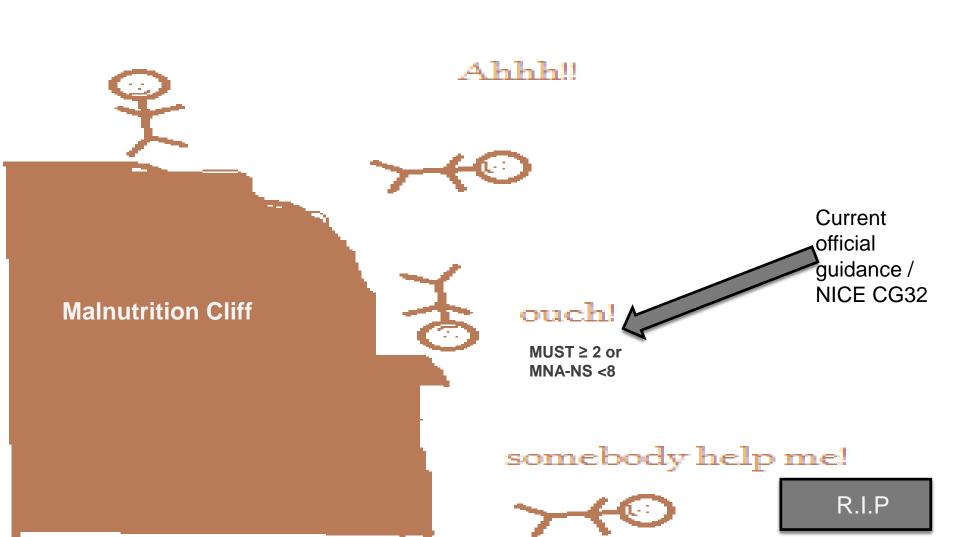


A simple guide to the health economics of malnutrition



The case for routine screening

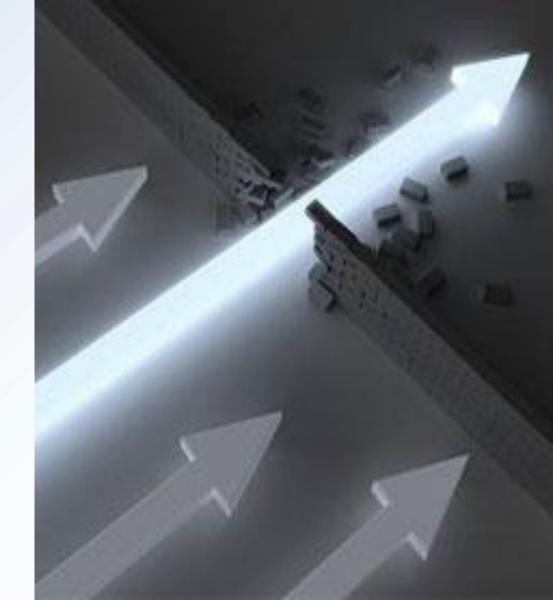




Key Action 2



Drive screening adoption through an ownable, high visibility campaign





How can we make care providers *eager* to introduce routine nutrition screening?





Done well, campaigns can create communities focused on achieving a goal···.







The healthcare system is a business....now it acts like one (let's use it to our advantage)

Screen to Save

because nutrition matters







We have a great story...

Why "Screen to Save"?

(speaking their language, addressing their needs*)

- Save on hospital beds (25,000 per year)*
- Save on inpatient length of stay (1.4 days per patient)*
- Save on complications (90,000 infectious episodes)**
- Save tax payers money (€19 million net savings per year)*
- Save lives (300 per year)**

Because well nourished patients do better..



^{* =} based on preliminary Irish healtheconomic modelling, adapted from NICE / applying average reductions from systematic reviews

^{** =} theoretical - yet to be verified and estimates to be established.

Key elements of Screen to Save



Build with the right credentials...bottom up, top down

PEN society owned:

Advances core strategic goals

Government agency backed Implements guidance





















Website, tools, forum for sharing



Getting your hospital on board

- Screen to Save online brochure
- Costing tool
- Template business case
- Guide to getting started

Screen to Save implementation tools

- Training pack (screening)
- Protocols and policy guides
- Audit tools
- Patient evaluation questionnaires

Screen to Save promotion pack

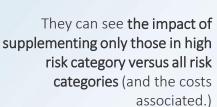
- Sample press release
- Examples from other members
- Poster templates
- · Where to get help





App to work out how much a hospital/trust can potentially save

Based on new costing model, tool will allow hospitals calculate their potential savings based on answering questions.





By putting in their own details, they can find out what additional resource they will need to implement

They can then use the results as the basis for a business case for screening





Conclusions

 Money talks – (local) health economics can be leveraged more effectively (numbers drive news)

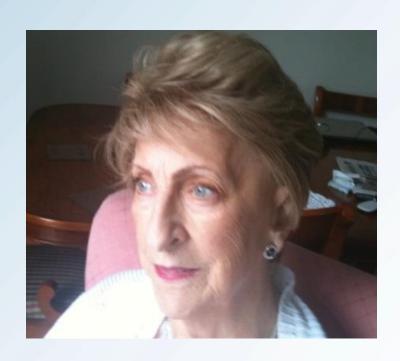
 A bias to act is more important than a willingness to screen (mindset first, rules second)

A stronger message with one voice (poor nutritional care = poor healthcare)





What about patients?



"I want to live until I die – I don't want to fade away.."

EVERYONE DESERVES GOOD NUTRITIONAL CARE

What have we learned? Power of partnership

FDUCATION

Royal College of Physicians in Ireland (RCPI)

Royal College of Surgeons in Ireland (RCSI)

Irish Society of Gastroenterology

ESPEN (LLL)

EVIDENCE BASE

BAPEN

ESPEN

Key opinion Leaders (UK/Ireland)

Health Economists

MNI (ONS dossier)



ADVOCACY

ENHA.

Irish Nutrition and Dietetic Institute (INDI)

Irish Medical Nutrition Industry Group (IMNG)

Key Opinion Leaders (Local/UK/European

AWARENESS

Patient Advocacy Groups
Irish Cancer Society
Irish Patients Association (IPA)
Cystic Fibrosis Ireland
MS Ireland
Carer's Association
Third Age
Media Partners





What have we learned?

.. people working together make the difference



Prof. John Reynolds



Julie Dowsett



Dr. Declan Byrne



Niamh Rice



Dr. Eileen Gibney



Fiona Rafferty



Dr. Oria Crosi





The Irish Society of Gastroenterology



Philomena Flood



Carmel O Hanlon

Dr. Nick Kennedy

















