Welcome to an update on Nutritional Assessment being produced by the HEFT Library Services. This bulletin is produced to support VITAL for Nurses core skills programme developed in the Trust. This issue will highlight evidence published from January 2013 -July 2013. Full text articles can be accessed via your HEFT Athens ID.

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National Guidelines and Reports

Title: Hospital nutrition guidelines published.
Citation: Nursing Times, 22 May 2013, vol./is. 109/20(4-4), 09547762
Full Text: Available from ProQuest in Nursing Times; NT

Higher Level Evidence

Title: Nutritional screening for improving professional practice for patient outcomes in hospital and primary care settings.
Citation: Cochrane Database of Systematic Reviews, 01 June 2013, vol./is. /6(0-), 1469493X
Author(s): Omidvari A, Vali Y, Murray SM, Wonderling D, Rashidian A
Abstract: BACKGROUND: Given the prevalence of under-nutrition and reports of inadequate nutritional management of patients in hospitals and the community, nutritional screening may play a role in reducing the risks of malnutrition. Screening programmes can invoke costs to health systems and patients. It is therefore important to assess the effectiveness of nutritional screening programmes.
Full Text: Available from Wiley in Cochrane Library, The

Title: Nutritional interventions for reducing morbidity and mortality in people with HIV.
Citation: Cochrane Database of Systematic Reviews 2013, Issue 2. Art. No.: CD004536. DOI: 10.1002/14651858.CD004536.pub3.
Author(s): Grobler L, Siegfried N, Visser ME, Mahlungulu SSN, Volmink J.

Title: Enteral feeding methods for nutritional management in patients with head and neck cancers being treated with radiotherapy and/or chemotherapy.
Citation: Cochrane Database of Systematic Reviews 2013, Issue 1. Art. No.: CD007904. DOI: 10.1002/14651858.CD007904.pub3.
Author(s): Nugent B, Lewis S, O’Sullivan JM.

NHS Evidence

NICE Pathways - Nutrition support in adults overview
http://pathways.nice.org.uk/pathways/nutrition-support-in-adults
Full Text

http://guidance.nice.org.uk/QS24
Full Text

Organisation

Title: Encouraging, assisting and time to EAT: Improved nutritional intake for older medical patients receiving Protected Mealtimes and/or additional nursing feeding assistances.
Title: Critical role of nutrition in improving quality of care: an interdisciplinary call to action to address adult hospital malnutrition.

Citation: JPEN Journal of Parenteral & Enteral Nutrition, 01 July 2013, vol./is. 37/4(482-497), 01486071

Author(s): Tappenden, Kelly A, Quatrara, Beth, Parkhurst, Melissa L, Malone, Ainsley M, Fanjiang, Gary, Ziegler, Thomas R

Abstract: This article represents a call to action from the interdisciplinary Alliance to Advance Patient Nutrition to highlight the critical role of nutrition intervention in clinical care and to suggest practical ways to promptly diagnose and treat malnourished patients and those at risk for malnutrition.

Title: The transit of the food trolley'- malnutrition in older people and nurses' perception of the problem.

Citation: Scandinavian Journal of Caring Sciences, 01 June 2013, vol./is. 27/2(440-448), 02839318

Author(s): Bonetti, Loris, Bagnasco, Annamaria, Aleo, Giuseppe, Sasso, Loredana

Abstract: To investigate how the issue of malnutrition in institutionalised older people is perceived by nurses in a Teaching Hospital in Italy and how some aspects that can prevent malnutrition are dealt with. Knowing how nurses perceive the problem of malnutrition and how they deal with aspects that can prevent malnutrition can be an important starting point for implementing strategies that will improve overall nutritional care.

Title: Nutritional management of stroke.

Citation: GM: Midlife & Beyond, 01 May 2013, vol./is. 43/5(53-56), 0268201X

Author(s): Brown, Heather, Na

Abstract: Malnutrition is common in hospital inpatients and 2534% of all patients admitted to hospital are at risk of malnutrition. Multiple factors may contribute to a high risk of malnutrition after stroke including physical, social and psychological issues, all of which will impact on quality of life.

Full Text: Available from Die Elektronische Zeitschriftenbibliothek in Geriatric Medicine

Title: Mealtime habits and meal provision are associated with malnutrition among elderly patients admitted to hospital.

Citation: Clinical Nutrition, 01 April 2013, vol./is. 32/2(281-288), 02615614

Author(s): Söderström, Lisa, Thors Adolfsson, Eva, Rosenblad, Andreas, Frid, Hanna, Saletti, Anja, Bergkvist, Leif

Abstract: Factors associated with malnutrition are important for identifying individuals at risk. The aims of the present study were to estimate the prevalence of malnutrition and to examine the association between mealtime habits, meal provision, and malnutrition among elderly patients admitted to hospital. Knowledge of these factors when providing care to the elderly may assist health-care professionals to prevent malnutrition.

Title: A parenteral nutrition use survey with gap analysis.

Citation: JPEN Journal of Parenteral & Enteral Nutrition, 01 March 2013, vol./is. 37/2(212-222), 01486071

Author(s): Boullata JI, Guenter P, Mirtallo JM

Abstract: Background: Parenteral nutrition (PN) is a high-alert medication for which safe practice
guidelines are available. Recent adverse events associated with PN have been widely reported. A survey of current practices was indicated as new guidelines are being considered.

**Title:** Fasting Periods in Older Patients Attending a South London Emergency Department.  
**Citation:** Journal of Nutrition in Gerontology & Geriatrics, 01 January 2013, vol./is. 32/1(59-70), 21551197  
**Author(s):** McDonald, Annabel J.  
**Abstract:** This study investigates nutrition during a critical intervening period when patients present to a hospital emergency department (ED) in the first half of the day. One third of observed patients sustained periadmission fasts in excess of 18 hours. This study raises the question as to whether food should be routinely provided in the ED unless there is reason to withhold it.

**Title:** Malnutrition and risk of malnutrition in patients with stroke: prevalence during hospital stay  
**Citation:** Journal of Neuroscience Nursing, Aug 2013, vol. 45, no. 4, p. 194-204, 0888-0395 (August 2013)  
**Author(s):** Mosselman, Machteld J., Kruitwagen, Cas L. J. J., Schuurmans, Marieke J., Hafsteinsdóttir, Thóra B.  
**Abstract:** This study aimed to investigate the prevalence of malnutrition and risk of malnutrition of patients with acute stroke during the first 10 days of hospitalization. Our study shows that the prevalence of malnutrition and risk of malnutrition in patients with acute stroke increases strongly during the first 10 days of admission. Therefore, screening of the nutritional status of these patients throughout this period is highly recommended to enable timely nutritional intervention and nutritional management of these patients.

**Title:** Southampton mealtime assistance study: design and methods  
**Citation:** BMC Geriatrics, Jan 2013, vol. 13, no. 5, p. 6 pages, 1471-2318 (January 7, 2013)  
**Author(s):** Roberts, Helen C, Pilgrim, Anna L, Elia, Marinos, Jackson, Alan A, Cooper, Cyrus, Sayer, Avan Aihie, Robinson, Sian M  
**Abstract:** The extent to which other factors influence intake such as a lack of help at mealtimes, for patients who require assistance with eating, is uncertain. This study aims to evaluate the effectiveness of using trained volunteer mealtime assistants to help patients on an acute medical ward for older people at mealtimes.  
**Full Text:** Available from National Library of Medicine in **BMC Geriatrics**

**Title:** Silver Spoons: volunteers and patient-centered meals  
**Citation:** Nursing Management (USA), Apr 2013, vol. 44, no. 4, p. 8-10, 0744-6314 (April 2013)  
**Author(s):** Harvey, Teresa B, Coulter, Susan G, Zublena, Lise, Woodard, Elizabeth K  
**Abstract:** Contemporary hospital units are fast-paced, challenging environments for all who encounter them: staff, patients, and families. Staff members seek to provide outstanding, holistic, and compassionate care; patients and families assume their providers are competent, safe, efficient, and caring. Their organization addressed these issues by developing Silver Spoons, a program in which framed volunteers assist compromised patients with their meals. Volunteer services’ goal is to have Silver Spoons volunteers available during the busiest times of day -- usually at breakfast and lunch.

**Title:** The impact of nutritional status, nutritional risk, and nutritional treatment on clinical outcome of 2248 hospitalized cancer patients: a multi-center, prospective cohort study in Chinese teaching hospitals.  
**Citation:** Nutrition & Cancer, 2013, vol./is. 65/1(62-70), 0163-5581;1532-7914 (2013)  
**Author(s):** Pan H, Cai S, Ji J, Jiang Z, Liang H, Lin F, Liu X
**Institution:** Department of Medical Oncology, Sir Run Run Shaw Hospital, Zhejiang University School of Medicine, Hangzhou, Zhejiang, China. 10518167@zju.edu.cn

**Abstract:** For patients with nutritional risk, the relative risk (RR) of adverse events (AEs) significantly increased with and without nutritional treatment. In comparison with the nonnutritional treatment subgroup, patients who received enteral nutrition (EN) or total parenteral nutrition (TPN) significantly reduced the RR of AE development.

**Title:** Identification and management of patients' nutritional needs.

**Citation:** Nursing Older People, April 2013, vol./is. 25/3(30-6), 1472-0795;1472-0795 (2013 Apr)

**Author(s):** Best C, Evans L

**Institution:** Royal Hampshire County Hospital, Hampshire Hospitals NHS Foundation Trust.
carolyn.best@hhft.nhs.uk

**Abstract:** This article aims to familiarise readers with the main concerns associated with caring for older people's nutritional needs while they are in hospital. Strategies to address these challenges are presented. If they are not addressed, they can have major implications for patient recovery and discharge planning.

**Full Text:** Available from ProQuest in Nursing Older People

**Screening**

**Title:** Malnutrition and Risk of Malnutrition in Patients With Stroke: Prevalence During Hospital Stay.

**Citation:** Journal of Neuroscience Nursing, 01 August 2013, vol./is. 45/4(194-204), 08880395

**Author(s):** Mosselman MJ, Kruitwagen CL, Schuurmans MJ, Hafsteinsdóttir TB.

**Abstract:** This study aimed to investigate the prevalence of malnutrition and risk of malnutrition of patients with acute stroke during the first 10 days of hospitalization.

**Title:** Nutritional risk and gastrointestinal dysautonomia symptoms in Parkinson's disease outpatients hospitalised on a scheduled basis.

**Citation:** British Journal of Nutrition, 28 July 2013, vol./is. 110/2(347-353), 00071145

**Author(s):** Barichella, Michela, Cereda, Emanuele, Madio, Carmen, Iorio, Laura, Pusani, Chiara, Cancellò, Raffaella, Caccialanza, Riccardo, Pezzoli, Gianni, Cassani, Erica

**Full Text:** Available from Cambridge University Press in British Journal of Nutrition

**Available from Free Access Content in British Journal of Nutrition (älter als 1 Jahr)**

**Title:** Barriers and facilitators to undertaking nutritional screening of patients: a systematic review.

**Citation:** Journal of Human Nutrition & Dietetics, 01 June 2013, vol./is. 26/3(211-221), 09523871

**Author(s):** Green, S. M., James, E. P.

**Abstract:** Background Recent reports have suggested that registered nurses may not screen patients admitted to their care for malnutrition. The objective of this integrative review was to locate and review published research investigating barriers and facilitators to nutritional screening by nurses.

**Title:** Rapid and reliable self-screening for nutritional risk in hospital outpatients using an electronic system.

**Citation:** Nutrition, 01 April 2013, vol./is. 29/4(693-696), 08999007

**Author(s):** McGurk, Paula, Jackson, John M., Elia, Marinos

**Abstract:** This study examined an electronic nutritional self-screening procedure for feasibility and for
reliability, rapidity, and ease of use by hospital outpatients. The study provides evidence that electronic nutritional self-screening can be rapid, easy, reliable, and feasible in a clinical setting. Equipment specifically designed for self-screening and use in other types of patients and settings could facilitate appropriate and routine implementation of self-screening.

**Full Text**: Available from *ProQuest in Nutrition*

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**Title**: Enteral nutritional intake in adult Korean intensive care patients.

**Citation**: American Journal of Critical Care, 01 March 2013, vol./is. 22/2(126-135), 10623264

**Author(s)**: Kim, Hyunjung, Stotts, Nancy A., Froelicher, Erika S., Engler, Marguerite M., Porter, Carol

**Abstract**: Nutritional support is important for maximizing clinical outcomes in critically ill patients, but enteral nutritional intake is often inadequate. Objectives: To assess the nutritional intake of energy and protein during the first 4 days after initiation of enteral feeding and to examine the relationship between intake and interruptions of enteral feeding in Korean patients in intensive care.

**Full Text**: Available from *EBSCOhost in American Journal of Critical Care*

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**Title**: Evaluation of nutritional screening tools for patients scheduled for cardiac surgery.

**Citation**: Nutrition, 01 February 2013, vol./is. 29/2(436-442), 08999007

**Author(s)**: Lomivorotov, Vladimir V., Efremov, Sergey M., Boboshko, Vladimir A., Nikolaev, Dmitry A., Vedernikov, Pavel E., Lomivorotov, Vladimir N., Karaskov, Alexander M.

**Abstract**: The aim of this study was to assess the prognostic value of different nutritional screening tools in patients undergoing cardiopulmonary bypass with regard to an adverse clinical course. Whether preoperative nutritional therapy would improve the outcome in malnourished patients needs to be studied.

**Full Text**: Available from *ProQuest in Nutrition*

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**Title**: Malnutrition screening tools: Comparison against two validated nutrition assessment methods in older medical inpatients.

**Citation**: Nutrition, 01 January 2013, vol./is. 29/1(101-106), 08999007

**Author(s)**: Young, Adrienne M., Kidston, Sarah, Banks, Merrilyn D., Mudge, Alison M., Isenring, Elisabeth A.

**Abstract**: Although several validated nutritional screening tools have been developed to "triage" inpatients for malnutrition diagnosis and intervention, there continues to be debate in the literature as to which tool/tools clinicians should use in practice. This study compared the accuracy of seven validated screening tools in older medical inpatients against two validated nutritional assessment methods.

**Full Text**: Available from *ProQuest in Nutrition*

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**Title**: Improving adherence to a care plan generated from the Malnutrition Universal Screening Tool

**Citation**: European Journal of Clinical Nutrition, Feb 2013, vol. 67, no. 2, p. 174-179, 0954-3007 (February 2013)

**Author(s)**: Cooper, C, Brierley, E R, Burden, S T

**Abstract**: Recommendations state that all hospital patients should be screened for malnutrition and for each level of risk, a suitable care plan should be available. This study investigates current practice at ward level regarding adherence to a care plan generated from a nutrition screening tool, and then aims to improve basic nutritional support actions by modifying a care plan and finally evaluates change in practice.
**Recognition**

**Title:** Nutritional Evaluation of Patients Receiving Dialysis for the Management of Protein-Energy Wasting: What is Old and What is New?

**Citation:** Journal of Renal Nutrition, 01 May 2013, vol./is. 23/3(195-198), 10512276

**Author(s):** Riella, Miguel C

**Abstract:** The observation that malnutrition in patients receiving dialysis was associated with increased morbidity and mortality prompted many expert groups to develop nutritional scoring systems to be applied in these patients. The new and inclusive term protein-energy wasting (PEW) refers to a systematically defined condition based on certain criteria and reflects malnutrition and wasting caused not only by inadequate nutrient intake but also by depletion resulting from the inflammatory and noninflammatory conditions that prevail in this population.

**Title:** Vitamin B12 and folic acid levels are not related to length of stay in elderly inpatients.

**Citation:** Nutrition, 01 May 2013, vol./is. 29/5(757-759), 08999007

**Author(s):** Soysal, Pınar, Isik, Ahmet Turan, Uğur, Aycan, Kazancioglu, Rumeyza, Ergun, Fatih, Yıldız, Gülseren Babacan

**Abstract:** We designed this study, to evaluate the interaction (relation) between vitamin B12 and folic acid levels and length of hospital stay in elderly inpatients.

**Full Text:** Available from ProQuest in Nutrition

**Title:** Dysphagia, nutrition, and hydration in ischemic stroke patients at admission and discharge from acute care.

**Citation:** Dysphagia (0179051X), 01 March 2013, vol./is. 28/1(69-76), 0179051X

**Author(s):** Crary, Michael A, Humphrey, Jamie L, Carnaby-Mann, Giselle, Sambandam, Raam, Miller, Leslie, Silliman, Scott

**Abstract:** Dysphagia may predispose stroke patients toward undernutrition and hydration. These comorbidities increase patient risks for reduced functional outcome and short-term mortality. Despite this impact, available information on relationships among dysphagia, nutrition, and hydration status in acute stroke is limited and conflicted. This study evaluated nutrition and hydration status in ischemic stroke patients with versus without clinically significant dysphagia at admission and at discharge from acute care.

**Full Text:** Available from EBSCOhost EJS in Dysphagia

**Title:** Hyperglycemia and hypoalbuminemia as prognostic mortality factors in patients with enteral feeding.

**Citation:** Nutrition, 01 March 2013, vol./is. 29/3(497-501), 08999007

**Author(s):** Infantino, Carlos Alfredo González, González, Claudio Daniel, Sánchez, Ruth, Presner, Natalia

**Abstract:** An observational, retrospective, descriptive, and longitudinal study to determine the association of in-hospital mortality in patients with enteral feeding to their glycemic status (normoglycemia, new hyperglycemia, or diabetes) and their levels of serum albumin.

**Full Text:** Available from ProQuest in Nutrition

**Title:** Patients' lived experiences of a reduced intake of food and drinks during illness: a literature review.

**Citation:** Scandinavian Journal of Caring Sciences, 01 March 2013, vol./is. 27/1(184-194), 02839318

**Author(s):** Larsen, Laura Krone, Uhrenfeldt, Lisbeth

**Abstract:** This study aims to identify patients' lived experiences of having a reduced intake of food and
Title: Malnutrition and Associated Clinical Outcomes in Hospitalized Patients Aged 60 and Older: An Observational Study in Rural Wales.

Citation: Journal of Nutrition in Gerontology & Geriatrics, 01 January 2013, vol./is. 32/1(71-80), 21551197

Author(s): Rasheed, Solah, Woods, Robert T.

Abstract: This is a prospective observational study of malnutrition and six-week clinical outcomes on a previously unstudied population of older hospital inpatients in rural Wales. This confirms previous research which suggests that, while malnutrition is associated with poorer clinical outcomes, nutrition support for older patients in hospital nevertheless is often insufficient.

Title: Functional recovery of older people with hip fracture: does malnutrition make a difference?

Citation: Journal of Advanced Nursing, Aug 2013, vol. 69, no. 8, p. 1691-1703, 0309-2402 (August 2013)

Author(s): Li, Hsiao-Juan, Cheng, Huey-Shinn, Liang, Jersey, Wu, Chi-Chuan, Shyu, Yea-Ing Lotus


Full Text: Available from Ovid in Journal of Advanced Nursing

Title: Identification and management of patients’ nutritional needs

Citation: Nursing Older People, Apr 2013, vol. 25, no. 3, p. 30-37, 1472-0795 (April 2013)

Author(s): Best, Carolyn, Evans, Liz

Abstract: This article aims to familiarise readers with the main concerns associated with caring for older people’s nutritional needs while they are in hospital. Strategies to address these challenges are presented. If they are not addressed, they can have major implications for patient recovery and discharge planning.

Full Text: Available from ProQuest in Nursing Older People

Title: Nutritional status and disease severity in patients with chronic obstructive pulmonary disease.

Citation: Archives of Gerontology & Geriatrics, May 2013, vol./is. 56/3(518-23), 0167-4943;1872-6976 (2013 May-Jun)

Author(s): Lee H, Kim S, Lim Y, Gwon H, Kim Y, Ahn JJ, Park HK

Institution: College of Nursing, Pusan National University, Beomeo-ri, Mugeum-eup, Yangsan-si 626-870, South Korea. haejung@pusan.ac.kr

Abstract: The purpose of this study was to identify the relationship between nutritional status and the severity of the disease in patients with COPD in South Korea. The findings of this study emphasized the importance of calorie intake in the disease severity among COPD patients. Further research on the effects of nutritional intervention on the health outcomes of patients with COPD is warranted.

Title: Nutritional status in Parkinson’s disease patients undergoing deep brain stimulation surgery: a pilot study.

Citation: Journal of Nutrition, Health & Aging, February 2013, vol./is. 17/2(148-51), 1279-7707;1760-4788 (2013 Feb)

Author(s): Sheard JM, Ash S, Silburn PA, Kerr GK

Institution: Movement Neuroscience Program, Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, QLD 4059, Australia. jamie.sheard@qut.edu.au
Abstract: The aim of this study was to assess the nutritional status of people with PD who may be at higher risk of malnutrition related to unsatisfactory symptom management with optimised medical therapy. Malnutrition remains unrecognised and untreated in this group despite unintentional weight loss and presence of nutrition impact symptoms. Improving nutritional status prior to surgery may improve surgical outcomes.

Title: Taste loss in hospitalized multimorbid elderly subjects.
Citation: Clinical Interventions In Aging, 2013, vol./is. 8/(167-74), 1176-9092;1178-1998 (2013)
Author(s): Toffanello ED, Inelmen EM, Imoscopi A, Perissinotto E, Coin A, Miotto F, Donini LM, Cucinotta D, Barbagallo M, Manzato E, Sergi G
Institution: Department of Medical and Surgical Sciences, Geriatrics Division and University of Padova, Padova, Italy. elenadebora.toffanello@sanita.pasdova.it
Abstract: The aims of the present study were to investigate taste perception in elderly hospitalized patients by comparing their taste recognition thresholds with those of healthy, free-living elderly individuals and to identify potential determinants of taste loss. Because gustatory impairment may reduce a person's appetite and lead to inadequate dietary intake, compensatory nutritional measures, such as the use of flavor-enhanced foods, should be strongly encouraged, particularly in the hospital setting.
Full Text: Available from Directory of Open Access Journals in Clinical Interventions in Aging

Intervention
Title: Supplemental intravenous n-3 fatty acids and n-3 fatty acid status and outcome in critically ill elderly patients in the ICU receiving enteral nutrition.
Citation: Clinical Nutrition, 01 August 2013, vol./is. 32/4(599-605), 02615614
Author(s): Barros, Karina V., Cassulino, Ana Paula, Schalch, Lívia, Della Valle Munhoz, Eduardo, Manetta, José Antônio, Noakes, Paul S., Miles, Elizabeth A., Calder, Philip C., Silveira, Vera L. Flor
Abstract: Background & aims: N-3 fatty acids (FA) may have benefits in ICU patients. The aims were to identify whether FA status is altered in critical illness and to evaluate the effect of supplemental intravenous n-3 FA on plasma

Title: Comprehensive and subacute care interventions improve health-related quality of life for older patients after surgery for hip fracture: A randomised controlled trial.
Citation: International Journal of Nursing Studies, 01 August 2013, vol./is. 50/8(1013-1024), 00207489
Author(s): Yea-Ing L. Shyu, Jersey Liang, Ming-Yueh Tseng, Hsiao-Juan Li, Chi-Chuan Wu, Huey-Shinn Cheng, Shih-Wei Chou, Ching-Yen Chen, Ching-Tzu Yang
Language: English
Abstract: Objectives: To compare the effects of an interdisciplinary comprehensive care programme with those of subacute care and usual care programmes on health-related quality of life (HRQoL) for elderly patients with hip fracture.

Title: Dietary, Food Service, and Mealtime Interventions to Promote Food Intake in Acute Care Adult Patients.
Citation: Journal of Nutrition in Gerontology & Geriatrics, 01 July 2013, vol./is. 32/3(175-212), 21551197
Author(s): Cheung, Grace, Pizzola, Lisa, Keller, Heather
Language: English
Abstract: Malnutrition is common in acute care hospitals. Nutritional support is a common intervention with demonstrated effectiveness. This scoping review identified and summarized 35 studies (41 citations)
that described and/or evaluated dietary, foodservice, or mealtime interventions with a food first focus.

**Title:** A 24-h a la carte food service as support for patients at nutritional risk: a pilot study.

**Citation:** Journal of Human Nutrition & Dietetics, 01 June 2013, vol./is. 26/3(268-275), 09523871

**Author(s):** Munk, T., Seidelin, W., Rosenbom, E., Nielsen, A. L., Klausen, T. W., Nielsen, M. A., Thomsen, T.

**Abstract:** Undernutrition and insufficient energy and protein intake is a common problem in hospitalised patients. The aim of this pilot study was to investigate whether a novel hospital menu would be an effective strategy for increasing nutritional intake in patients at nutritional risk.

**Title:** Best Practice Guide To Prevent Malnutrition.

**Citation:** Nursing Standard, 15 May 2013, vol./is. 27/37(8-8), 00296570

**Abstract:** Nutrition ambassadors should be appointed in hospitals to tackle malnutrition among older patients, according to guidance published last week.

**Full Text:** Available from EBSCOhost in Nursing Standard

**Title:** Tackling malnutrition in hospitals and nursing homes.

**Citation:** Nursing & Residential Care, 02 May 2013, vol./is. /(0-0), 14659301

**Author(s):** Bowling, Tim

**Full Text:** Available from EBSCOhost in Nursing and residential care : the monthly journal for care assistants, nurses and managers working in health and social care

**Title:** A systematic literature review and meta-analysis of randomized clinical trials of parenteral glutamine supplementation.

**Citation:** Clinical Nutrition, 01 April 2013, vol./is. 32/2(213-223), 02615614

**Author(s):** Bollhalder, Lea, Pfeil, Alena M., Tomonaga, Yuki, Schwenkglenks, Matthias

**Abstract:** Glutamine supplementation has been associated with reduced mortality, infections and hospital length of stay in critically ill patients and patients undergoing major surgery. Parenteral glutamine supplementation in severely ill patients may reduce infections, length of stay and mortality, but substantial uncertainty remains. Unlike previous meta-analyses, we could not demonstrate a significant reduction in mortality.

**Title:** Clinical dietetic practice in the treatment of severe acute malnutrition in a high HIV setting.

**Citation:** Journal of Human Nutrition & Dietetics, 01 April 2013, vol./is. 26/2(175-181), 09523871

**Author(s):** Biggs, C.

**Abstract:** In Sub-Saharan Africa, children commonly present with severe acute malnutrition (SAM) complicated by HIV/ AIDS. In 2005, the South African Department of Health implemented the World Health Organization Ten Step programme for the inpatient treatment of SAM. Dietary management with F75 and F100 (where the terms F75 and F100 refer to a mixture of milk, sugar, oil and a vitamin and mineral mix) may not be appropriate for relatively well resourced settings such as South Africa.

**Title:** Effect of parenteral fish oil lipid emulsion in parenteral nutrition supplementation combined with enteral nutrition support in patients undergoing pancreaticoduodenectomy.

**Citation:** JPEN Journal of Parenteral & Enteral Nutrition, 01 March 2013, vol./is. 37/2(236-242), 01486071

**Author(s):** Zhu X, Wu Y, Qiu Y, Jiang C, Ding Y

**Abstract:** Background: The effect of parenteral fish oil lipid emulsion in parenteral nutrition (PN) supplementation combined with enteral nutrition (EN) support on pancreaticoduodenectomy (PD) was
investigated with a randomized controlled clinical trial at the Affiliated Drum Tower Hospital.

**Title:** A cohort study of nutrition practices in the intensive care unit following abdominal aortic aneurysm repair.

**Citation:** JPEN Journal of Parenteral & Enteral Nutrition, 01 March 2013, vol./is. 37/2(261-267), 01486071

**Author(s):** Ksienski MR, Fenton TR, Eliasziw M, Zuege DJ, Petrasek P, Shahpori R, Laupland KB

**Abstract:** Enteral nutrition within 48 hours of intensive care unit (ICU) admission is recommended for the ICU population. Our objectives were to determine if early feeding (within 48 hours of admission) is achievable and well tolerated, identify factors that predict early feeding, and determine if there is an association between early feeding and in-hospital mortality among abdominal aortic aneurysm (AAA) repair patients.

**Title:** Which 'nutritional models-of-care' improve energy and protein intake, clinical outcomes and malnutrition in hospitalised patients?

**Citation:** Nutrition & Dietetics, 01 March 2013, vol./is. 70/1(7-15), 14466368

**Author(s):** Wade, Kathleen, Flett, Melanie

**Abstract:** This systematic review examined studies for improvement in energy and protein intake, nutritional status, and clinical outcomes when specific nutritional models-of-care (protected mealtimes, feeding assistance, communal dining and the red tray initiative) were implemented in hospitalised acute and rehabilitation patients.

**Title:** Adherence to the National Institute of Clinical Excellence guidance on parenteral nutrition screening is not enough to improve outcomes.

**Citation:** Clinical Nutrition, February 2013, vol./is. 32/1(73-6), 0261-5614;1532-1983 (2013 Feb)

**Author(s):** Vincent RP, Omar S, Elnenaei MO, Goo CH, Salota R, Wu P, Delaney HL, le Roux CW

**Institution:** Department of Chemical Pathology, King's College Hospital NHS Foundation Trust, Denmark Hill, London SE5 9RS, UK. royce.vincent@nhs.net

**Abstract:** Majority of the National Institute of Clinical Excellence (NICE) nutrition guidance recommendations were based on Grade D evidence due to absence of randomised controlled trials. The aim was to assess outcomes of parenteral nutrition (PN) administration when the guidance was adhered to. Compliance with the nutritional guidance in the UK was not enough to improve outcomes in patients requiring PN in our cohort. Evidence based changes to PN practice are required to optimise care.

**Nursing Role**

**Title:** Critical Role of Nutrition in Improving Quality of Care: An Interdisciplinary Call to Action to Address Adult Hospital Malnutrition.

**Citation:** MEDSURG Nursing, 01 May 2013, vol./is. 22/3(147-165), 10920811

**Author(s):** Tappenden, Kelly A., Quatrara, Beth, Parkhurst, Melissa L., Malone, Ainsley M., Fanjiang, Gary, Ziegler, Thomas R.

**Abstract:** Malnutrition continues to go unrecognized and untreated in many hospitalized patients. This article represents a call to action from the interdisciplinary Alliance to Advance Patient Nutrition to highlight the critical role of nutrition intervention in clinical care and suggest practical ways for prompt diagnosis and treatment of malnourished patients and those at risk for malnutrition.

**Full Text:** Available from EBSCOhost in MEDSURG Nursing

**Title:** Food work and feeding assistance on hospital wards.
Title: Prevalence of pressure ulcers in hospitals in Brazil and association with nutritional status--A multicenter, cross-sectional study.

Citation: Nutrition, 01 April 2013, vol./is. 29/4(646-649), 08999007

Author(s): Brito, Patrícia Alves, de Vasconcelos Generoso, Simone, Davisson Correia, Maria Isabel Toulson

Abstract: Pressure ulcers (PU) represent a widespread, painful, and expensive health care problem directly associated with increased morbidity, mortality, and length of hospital stay. The aim of this study was to determine the prevalence of PU in hospitalised patients in public and private Brazilian institutions and the ulcers' associations with nutritional status and other risk factors.

Full Text: Available from ProQuest in Nutrition

Title: Management of swallowing difficulties in people with advanced dementia.

Citation: Nursing Older People, 01 March 2013, vol./is. 25/2(26-31), 14720795

Author(s): Parker, Michelle, Power, Donna

Abstract: This article discusses the eating and swallowing difficulties that may present in people with advanced dementia and multidisciplinary best practice in their management. It also explores how families, carers and care home staff can be supported in making best interest decisions about artificial nutrition and end of life care for people with advanced dementia.

Full Text: Available from ProQuest in Nursing Older People

Title: Nursing Interventions for Improving Nutritional Status and Outcomes of Stroke Patients: Descriptive Reviews of Processes and Outcomes.

Citation: Worldviews on Evidence-Based Nursing, 01 February 2013, vol./is. 10/1(17-40), 1545102X

Author(s): Perry, Lin, Hamilton, Sharon, Williams, Jane, Jones, Susan

Abstract: Stroke produces many effects that impact eating. Nutrition is fundamental for recovery and rehabilitation, but the nursing nutritional role and associated outcomes have not been delineated. This review indicated the parameters of nursing nutritional care, and provided a framework for future research. A functional, supportive, and educational nursing nutritional role was described but little evidence was of sufficient quality to support policy and practice development or inform education. Nutritional care was revealed as an essential but under-recognized element of stroke nursing.

Title: Nutrition Knowledge Level of Nurses.

Citation: Health Science Journal, 01 January 2013, vol./is. 7/1(99-108), 11087366

Author(s): Yalcin, Nurdan, Cihan, Alper, Gundogdu, Haldun, Ocakci, Ayse

Language: English

Abstract: Concern is growing about the malnutrition, nutrition therapy and its complications. Reduced involvement of nurses in patients' nutritional care may be one of the contributing factors. The most common cause for insufficient nutritional practice is lack of nutritional knowledge. The purpose of the study was to determine knowledge-based nutrition competencies of nurses.

Title: Caring for adult patients who require nasogastric feeding tubes

Citation: Nursing Standard, May 2013, vol. 27, no. 38, p. 47-56, 0029-6570 (May 22, 2013)

Author(s): Curtis, Kristine

Abstract: This article explores the safety challenges posed during the insertion and maintenance of
nasogastric tubes. Guidance and evidence should provide nurses with the knowledge, skills and reassurance to manage these tubes safely.

**Full Text:** Available from *EBSCOhost* in *Nursing Standard*

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**New Books on Nutrition added to the HEFT Libraries**


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If you would like to recommend any resources – books/journals/DVDs on Nutritional Assessment to be added to the collection, please email Sue.clayton@heartofengland.nhs.uk or call x45195.

**Further information**

Multiple sources – websites, journals and healthcare databases – have been searched for evidence published in the last six months. For a detailed list of sources that have been scanned and for further information please contact sue.clayton@heartofengland.nhs.uk.

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