



# A fact a day for Nutrition & Hydration Week



Nutrition & Hydration week is committed to focusing energy, activity, and engagement on nutrition & hydration as an important part of quality & safety in health & social care settings. Below are some facts, hints & tips to help you to support this with your patients.

## MONDAY

### MALNUTRITION IMPACTS THE INDIVIDUAL AND THE HEALTH SERVICE

- Compared with non-malnourished patients, malnourished patients over 65 have an 85% higher risk of hospital admission and re-admission.<sup>1</sup>
- Healthcare costs are 3 times higher in malnourished patients. The estimated yearly costs of managing the consequences of malnutrition are higher than that of obesity!<sup>2</sup>

## TUESDAY

### ACCURATE NUTRITIONAL SCREENING REQUIRES ACCURATE EQUIPMENT

- When did you last recalibrate your weighing scales? Good practice recommendations advise that weighing scales in all care settings should be calibrated annually.<sup>3</sup>



## WEDNESDAY

### PATIENTS WITH DYSPHAGIA ARE AT HIGH RISK OF MALNUTRITION & DEHYDRATION

- Dysphagia is seen in 60% of nursing home residents and 10% of acutely hospitalised elderly.<sup>4</sup> Over 50% of older people with dysphagia report that they eat less and 44% report weight loss.<sup>5,6</sup>
- The prevalence of dehydration ranges from 44% to 75% among people experiencing swallowing difficulties.<sup>7</sup>



## THURSDAY

### MOUTH CARE IS JUST AS IMPORTANT FOR PATIENTS BEING TUBE FED AS THOSE ON ORAL DIET

- Even in patients who have no natural teeth, a dentist should carry out an oral health assessment and recommend a programme for oral hygiene and mouth care.<sup>8</sup>



## FRIDAY

### NUTRITIONAL NEEDS CHANGE WITH AGE

- Nutrition needs change as we age. Recent guidelines from the Food Safety Authority of Ireland recognise that older adults require a more protein-dense diet to prevent frailty.<sup>9</sup>



## SATURDAY

### NUTRITION AND HYDRATION PLAYS AN ESSENTIAL ROLE IN THE WOUND HEALING PROCESS

- Latest international guidelines recommend that high calorie, high protein oral nutritional supplements containing arginine, zinc and antioxidants are provided to adults with a Stage II or greater pressure injury who are malnourished or at risk of malnutrition.<sup>10</sup>



## SUNDAY

### SMALL CHANGES CAN SUPPORT PATIENTS WITH DEMENTIA TO EAT BETTER

- Relaxed and social surroundings free from distraction and excessive noise can help a person with dementia concentrate on meals.<sup>11</sup>
- Use plain, non-patterned plates and bowls with a contrasting colour tablecloth or plate setting, for example, white plate on green tablecloth can help make it easier to see.<sup>10</sup>



## References:

1. Elia M, Stratton RJ. Calculating the cost of disease-related malnutrition in the UK. In Elia M, Russell CA, eds. Combating malnutrition: Recommendations for action. Redditch: BAPEN 2009
2. Irish Society for Clinical Nutrition & Metabolism Understanding Malnutrition [Internet]. Available at <https://www.irspen.ie/malnutrition/understanding-malnutrition/> [Accessed January, 2024]
3. Elia M and Russell CA on behalf of BAPEN. Nutrition Screening Surveys in Care Homes in the UK. BAPEN 2015. [Internet] <https://www.bapen.org.uk/pdfs/nsw/care-homes/care-homes-uk.pdf> [Accessed January, 2024]
4. Dysphagia Fact Sheet 2019. [Internet] Available at: <https://www.malnutritionpathway.co.uk/dysphagia.pdf> [Accessed 28 February 2022].
5. Cook IJ, Kahrilas PJ. AGA technical review on management of oropharyngeal dysphagia. Gastroenterology 1999; 116: 455-478.
6. 2006.Ekberg O, et al. Social and psychological burden of dysphagia: its impact on diagnosis and treatment. Dysphagia 2002; 17: 139-146.
7. Reber E, Gomes F, Dähn IA, Vasiloglou MF, Stanga Z. Management of Dehydration in Patients Suffering Swallowing Difficulties. J Clin Med. 2019;8(11):1923. Published 2019 Nov 8. doi:10.3390/jcm8111923
8. Irish Nutrition & Dietetic Institute. Home Enteral feeding Resource Pack 2016 [Internet] Available at: <https://www.irspen.ie/professional-resources-2/indi-professional-resources/> [Accessed May 2021]
9. Food Safety Authority of Ireland. Scientific Recommendations for Food-Based Dietary Guidelines for Older Adults in Ireland [Internet]. 2021. Available at: [https://www.fsai.ie/publications/scientific-recommendations-for-food-based-diet-\(1\)](https://www.fsai.ie/publications/scientific-recommendations-for-food-based-diet-(1)) [Accessed January, 2024]
10. European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed.). EPUAP/NPIAP/PPPIA: 2019
11. Irish Nutrition and Dietetic Institute. Nutritional Considerations when supporting someone with Dementia [Internet]. 2021. Available at: [https://www.indi.ie/images/Nutrition\\_and\\_Dementia\\_Booklet\\_March\\_2021\\_Update.pdf](https://www.indi.ie/images/Nutrition_and_Dementia_Booklet_March_2021_Update.pdf) [Accessed May 2021]