

# Manage malnutrition, start with...

# 1 2 3

**pint of fortified  
milk**

**nourishing snacks**

**fortified two  
course meals**



This handout is aimed at people in their own homes or those who care for people in their own homes.

It explains how to use the 1,2,3 approach. It is aimed at adults only and is not suitable for children.

You may have a poor appetite or have been eating less due to feeling unwell. If you are not getting enough nutrition to meet your body's needs you will lose weight and could be at risk of malnutrition.

Malnutrition makes it more difficult for the body to fight illness and infection and can make us feel weak, tired and low in mood. To treat malnutrition we need to increase the energy (calories) and protein that we eat and drink.

Trying to include the 1,2,3 above can help increase your intake of energy (calories), protein and other nutrients.

For more information on managing malnutrition at home, please email [kccg.prescribing@nhs.net](mailto:kccg.prescribing@nhs.net)

## 1 pint of fortified milk

Use fortified milk in place of normal milk throughout the day as a simple way of boosting nutritional intake without increasing volume. Fortified milk can be used in hot and cold drinks, cereals, egg dishes, baking, sauces, soups and milk puddings.

### Ingredients

One pint whole milk (blue top)  
50-60g/4 heaped tbsp dried skimmed milk powder

### Method

1. Add skimmed milk powder to jug.
2. Add a small amount of whole milk and mix to form a smooth paste.
3. Gradually add the remaining milk and stir/whisk well.

540 kcal

37g protein

## 2 nourishing snacks

Nourishing snacks provide vital additional nutrition to those at risk of malnutrition and should be offered two to three times a day. A variety of sweet and savoury snacks is ideal, including a high calorie fortified snack.

### Top recommended high calorie fortified snack

#### Fortified thick and creamy yoghurt

1 heaped tbsp. (~15g) dried skimmed milk powder

1 tbsp double cream

150g thick and creamy yoghurt

#### Method

Mix the dried skimmed milk powder and double cream with the thick and creamy yoghurt.

300 kcal

20g protein

## 3 fortified two-course meals

Large portions of food can be overwhelming for those with a small appetite; small regular meals with added fortification are often better received. How to fortify some common foods:

	Fortify by adding:
Cereal or porridge	Fortified milk*, cream, full-fat or Greek yoghurt*, honey, syrup, jam, sugar, dried fruit, ground nuts*
Scrambled eggs	Butter, fortified milk*, grated cheese*
Soups and stews	Grated cheese*, cream, dumplings or croutons
Mashed potato	Butter, olive oil, fortified milk*, grated cheese*, skimmed milk powder* or double cream
Cooked vegetables	Grated cheese* or creamy sauces, olive oil, butter, mayonnaise or salad cream
Salads	Grated cheese*, olive oil or salad dressing, mayonnaise or salad cream
Custard and milky puddings	Skimmed milk powder*, double cream, condensed milk*, honey, syrup, sugar, jam or dried fruit

\* high protein option

## Homemade fortified drinks

Alongside using the '1 2 3' approach, consider having one to two homemade fortified drinks a day. These can help in providing extra energy, protein and other nutrients. The following recipes provide similar calories and protein to many oral nutritional supplements. Try having them between meals and consider having in smaller 'shots' over the day if preferred.

- **Fortified milkshake:** Mix two heaped tablespoons of skimmed milk powder with four teaspoons of milkshake powder with added vitamins and minerals (Nesquik or Asda, Lidl and Morrisons alternative). Add 200mls of full-fat milk and 15mls double cream and stir well/blend.
- **Fortified hot chocolate:** Mix two heaped tablespoons of skimmed milk powder with 200mls full fat milk and heat until warm. Add four teaspoons of hot chocolate powder with added vitamins and minerals (e.g. Nesquik hot chocolate powder) and stir well. Add 15ml double cream or marshmallows, as desired.
- **Fortified fruit juice:** Mix 40ml high juice cordial with 10g egg white powder, and then gradually add 180ml fruit juice (with added vitamins). Do not whisk.