DIETARY GUIDELINES AFTER BARIATRIC SURGERY



INFORMATION FOR PATIENTS AFTER SLEEVE GASTRECTOMY OR GASTRIC BYPASS

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Introduction

This information is designed for patients who have undergone weight loss surgery, also known as bariatric surgery, which are operations designed to help reduce your weight to improve your health. These operations include a gastric bypass or sleeve gastrectomy. There is a separate booklet for those who have had a gastric band insertion.

After any bariatric surgery, you will be asked to follow a special diet. This is to reduce complications and to ensure continued weight loss and maintenance of weight loss. Although it may be tempting to rush or skip stages, food is slowly reintroduced to reduce discomfort, the risk of vomiting and to let your body heal.

Nutrition is very important once you have had bariatric surgery. You need to ensure your diet contains sufficient nutrients, vitamins and minerals to live healthily and lose weight in a healthy manner.

A balanced diet will also ensure that the weight you lose is mainly fat. Maintaining a good intake of lean protein will help to heal wounds, boost your immunity and ensure your body stays strong post surgery.



Stages of Food Reintroduction

After weight loss surgery, there are four stages to food re-introduction.

Stages of the Diet

Stage 1 – liquid only diet - for approximately the first 1-2 weeks after surgery

Stage 2 - blended / puree texture - from approx. 2 weeks to 4 weeks after surgery

Stage 3 - soft texture - from approx. week 4 after surgery until ready for Stage 4

Stage 4 – normal texture - when ready

The time to progress from one stage to the next varies between individuals. It is important not to rush and move on before you are ready. If you move onto Stage 3 (soft texture) too soon, you are likely to experience vomiting and take longer to get to the final stage. You are less likely to have problems if you progress carefully.

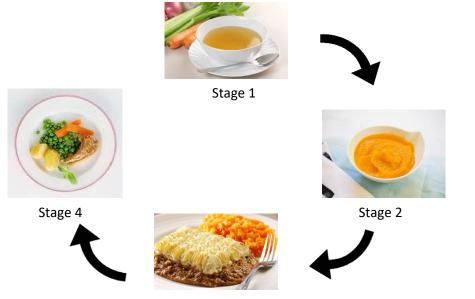
Contact your Dietitian for advice if you are unsure about your diet at any stage

Avoid vomiting

If you follow your Dietitian's advice and eating rules below, you should not vomit. Vomiting is normally caused by:

- Eating too much or too quickly
- Having food that is an unsuitable texture
- Having fluid or food too close together

Do not progress through the dietary stages more quickly than advised as this is likely to cause vomiting.



Liquid Only Diet (Stage 1) - Approximately 1-2 weeks after surgery

Immediately post surgery you will have fluids through a drip. Your hospital team will monitor you and advise when you can start to drink. Start with sips of water and gradually build up to small (25-30ml), slow, frequent drinks. Once you start on liquids continue with just liquids for approximately the next 2 weeks.

It is important to take nutritious liquids through the day during this stage of the diet. Nutritious liquids include:

- Fortified milk (add 2-4 tablespoons of dried milk powder to 1 pint of skimmed/semi-skimmed milk)
- Meal replacement drinks such as Slimfast, Meritene (previously known as Build Up) and Complan
- Smooth, thin soups with added dried skimmed milk powder
- Skimmed or semi-skimmed milk
- Low sugar, smooth yoghurts (no fruit lumps), fromage frais, low fat, low sugar custard
- Diluted fruit juice (half water and half fruit juice)
- Thin, fruit smoothies (smooth varieties, no bits)

Aim to have at least 2 litres of fluid per day. Suitable drinks include water, tea and coffee and reduce sugar squash. However remember that too much of these will fill you up and not allow you to drink sufficient nutritious drinks.

It can be difficult to achieve 2 litres of fluid in the first 1-2 weeks - it helps to take small, frequent sips throughout the day. Avoid gulping as this may give you pain or cause vomiting.

After the initial 1-2 weeks of fluid, if you do not have any problems, progress to a blended / puree texture (Stage 2) for approximately the next 2-4 weeks.



Blended / Puree Texture Diet (Stage 2) - Approximately 2-4 weeks after surgery

The smooth puree textured diet should be a custard consistency. You will need an electric food blender to achieve this. If the puree is too thick, it will feel uncomfortable and possibly make you sick. The amount of time spent blending will vary depending upon the fibre and fluid content of the food.

Tips on pureeing foods

- If the blended food is too thick / sticky and dry, add extra fluid
- To thin down purees add fluids such as milk, soup, white sauce or gravy
- Small volumes of food do not easily blend into a smooth consistency. It is easier to achieve a smooth puree by blending a larger volume and portioning it into ice cube trays / small containers
- Reheated or defrosted food may require additional sauce / gravy as it tends to be drier
- Herbs and spices are useful to flavour pureed foods
- Remove the skin, bone, fat or gristle from the meat or fish. Cook without fat. After cooking dice into small pieces and blend with a low fat sauce / gravy granules / semi-skimmed milk / water. You may choose to casserole or stew your meat and then blend it
- Mash potatoes with semi / skimmed milk and liquidise or sieve if still lumpy. Instant mash can be used as an alternative
- Soft well-cooked pasta liquidises well. Add extra sauce if required try to choose a tomato-based sauce
- Boil vegetables in a small amount of water till tender, drain and blend. Use the liquid the vegetables were cooked in if required
- Blend tinned, fresh or stewed fruit and add extra fruit juice for the desired consistency. Add artificial sweetener if required
- Try to liquidise dishes separately i.e. separate liquidised potato from liquidised meats appearance and taste are important at this stage
- Try liquidising ready meals, tinned meats and stews

Control Portion Sizes

Try to eat small frequent meals. Aim for between 4-6 small meals / snacks per day to try and ensure you have enough protein in your diet. Each meal may consist of only 2-3 tablespoons such as a small, 25-75g, low sugar yoghurt. (The menu plans on the following pages provide more information).

Use a saucer or small bowl such as a ramekin to control your portion size. Use a teaspoon or small cutlery to control how much you eat at a time.

Eat slowly. **STOP eating as soon as you feel full.** Having too much may make you vomit. In time, you will learn to recognise your tolerance level to food and fluid.

Sip at drinks between meals and aim for at least 2 litres of fluid/day. Separate drinks and meals by up to 30 minutes.

Protein is important in the early stages to promote wound healing and prevent muscle loss. Foods high in protein include meat, poultry, lentils, beans, pulses, milk, cheese, eggs and yoghurt. Aim to have a food high in protein at each meal. Milk-based products including yoghurt and cheese are often better tolerated than other foods high in protein at this stage. You may find it helpful to freeze meals in ice cube containers, so meals are prepared quickly and food is not wasted.

The meal plan for Stage 2 gives you an idea of the portion sizes that you should eat. If you eat or drink even slightly too much, you are likely to have pain, discomfort and vomit. Remember your new stomach is greatly reduced in size and it won't take much to fill it completely.



Sample Meal Plan for Stage 2

1 meal = 2-3 tablespoons, equivalent to 6-9 teaspoons

<u>Breakfast</u>

Choose one option from the following list:

- 2-3 tablespoons Weetabix / porridge / Ready Brek with plenty of low-fat milk made to a very liquid consistency
- 1 very soft cooked scrambled egg
- One small pot of low sugar yoghurt / fromage frais

Lunch / Evening Meal

Choose one option from the following list:

- 25g (1oz) pureed meat such as chicken, beef, lamb, turkey, casseroled meat with pureed mashed veg/potato
- 25g (1oz) pureed tender fish such as haddock, cod or plaice in white sauce with pureed mashed veg/potato
- 25g (1oz) pureed canned fish in water or tomato sauce such as salmon, tuna, mackerel, pilchards with pureed mashed veg/potato
- 50g (2oz) smooth soft meat / fish / vegetable pate / paste with pureed mashed veg/potato
- 50g (2oz) pureed soya protein alternatives/Quorn with tomato based sauce with 1 tblsp pureed potato/pasta and/or 1 tblsp pureed vegetables
- 50g (2oz) pureed peas / beans / lentils / vegetables
- 1 very soft cooked scrambled egg
- 50g (2oz) grated reduced-fat cheese, light cream cheese or pureed low fat cottage cheese or reduced-fat hummus mixed into hot food such as pureed potato
- 50g (2oz) pureed low-fat cottage cheese
- 1 meal replacement drink such as Slimfast, Complan and Build Up
- 100-200mls smooth soup containing meat/fish/beans/pulses/lentils, fortified with skimmed milk powder

<u>Snacks</u>

Choose one option from the following list:

- 200mls low fat milk (sipped slowly)
- 2-3 tbsp. low sugar smooth yoghurt
- 2-3 tbsp. fromage frais
- 2-3 tbsp. smooth low-fat custard
- 2-3 tbsp. light smooth mousse made with low-fat milk
- 2-3 tbsp. milky pudding such as tapioca, sago and rice pudding
- 1 meal replacement drink such as Slimfast, Meritene and Complan
- Pureed fruit such as banana, canned peaches or canned pears
- Diet / light malted drink made with low-fat milk (sipped slowly)

Only move on to stage 3 (soft diet) when you feel comfortable eating and drinking pureed foods and liquids. These pureed foods should not cause vomiting or indigestion.



Soft Texture (Stage 3) - Approximately 4 weeks after surgery

After approximately 2 weeks of the blended diet, continue to choose the foods from Stage 2 but slowly introduce new foods and replace them with more texture and variety. Portion sizes at this stage will be starting to gradually increase.

Remember to chew food well and stop as soon as you feel full.

Crispy foods have a dry, brittle texture and are easily broken down in the mouth. These foods include Melba toast, crisp breads and bread sticks - foods that melt easily on the tongue. Try adding these gradually to assess tolerance. They are different from crunchy foods such as raw vegetables and salad. Crunchy foods are likely to cause problems if eaten at this stage.

If you are able to manage a tea plate sized portion, have 3 meals a day and no snacks in between.

Foods to try and introduce are:

- Casserole / stew / hot pot / slow cooked meat / fish served with mashed potato/couscous/vegetables
- Canned meat in sauce / gravy such as minced beef / lamb, chicken, ham, stewed steak with soft vegetables
- Cod / haddock in white sauce / parsley sauce (mashed) with boiled / mashed potatoes and soft / mashed vegetables
- Tuna / salmon canned in spring water mashed with low-fat mayonnaise, low-fat salad cream or fat-free dressings, and soft / mashed vegetables
- Soft, plain omelette
- Soft-boiled / poached egg
- Well-mashed, mushy beans, lentils and peas, baked beans
- Canned vegetables or softly cooked vegetables such as carrots, cauliflower or broccoli
- Canned meals such as ravioli, macaroni cheese, beans, spaghetti
- 1-2 bread sticks/ 1-2 slices of Melba toast/ slices of crackers or crisp bread/ ½ slice of wholemeal toast (without crust) with low-fat spread / light cream cheese / pate / paste
- Jacket potato with no skin or mashed potato with fillings such as mashed egg, tuna or salmon with reduced fat mayo/ salad cream; low-fat cheese spread; cottage cheese (plain); baked beans; low-fat meat or fish paste
- Macaroni / cauliflower cheese (mashed) with soft / mashed vegetables / potato
- Fish / shepherds / cottage pie with soft / mashed vegetables
- Soft fruit such as ripe melon, ripe mango, banana, raspberries, strawberries, kiwi and blackcurrants

Only when you are able to tolerate a variety of foods from Stage 3 and you can manage up to a tea plate sized portion should you then move onto Stage 4. Try to introduce a variety of food from this stage before progressing to the next stage.

Normal Texture (Stage 4) (approximately 2 months after surgery)

Approximately 2 months after your operation, you should be able to begin to eat up to a tea plate sized portion of a variety of solid food. It is important to start meals with high-protein foods such as meat, fish, eggs, beans, lentils or soya protein to ensure that you have an adequate daily protein intake.

Aim to have a good variety of high protein, low fat and low sugar foods. Fruit, salad and vegetables should be included at each meal as they contain vitamins and minerals, and help you feel fuller for longer.

Aim for no more than three tea plate sized meals a day. Avoid going back to meals once you feel full, and avoid snacking in between your meals as this will slow your weight loss. Your diet will need to be healthy and nutritious to prevent any nutritional deficiencies and achieve successful long-term weight loss.

If you choose to snack on high calorie foods such as crisps, biscuits and chocolate, your weight loss will slow and you may gain weight.

Solid foods to include in meals are:

- 50g (2oz) tender, soft meat cut into very small pieces (1cm squares) and chewed thoroughly try chicken, turkey, pork and beef
- 50g (2oz) tender, soft flaky fish
- 3 tbsp couscous, pasta, rice noodles
- 1 slice of toast (no crust)
- Vegetables or salad
- 1 small, soft, non-fibrous fruit such as a peeled apple, pear or banana

Although bread may remain difficult to eat, over time people find that they may manage wraps, chapattis, pitta bread or low carb bread such as Danish bread.

You should be able to eat a healthy balanced diet such as the sample menu on the following page.

Sample Menu Plan for Stage 4

Breakfast - 1 small bowl of branflakes (with skimmed/semi-skimmed milk)

Lunch - 1 slice of toast (with a thin low fat spread) with scrambled egg Piece of fruit (take care with the skin)

Evening Meal - chicken breast in a mushroom sauce and vegetables, 2-4 small potatoes

Bedtime - 2 crispbreads with a thin low fat cheese spread

Drinks – Water/ reduced sugar / no added sugar squash/ Tea / coffee with semi/skimmed milk (artificial sweetener if required)

Snacks - If you are feeling hungry between meals, try to choose a healthy snack i.e. fresh fruit (take care with the skin), tinned fruit in natural juice, 1-2 crispbreads / breadsticks / melba toast / toast / cracker / rice cakes, low sugar yoghurt / fromage frais.

A balanced diet is important to keep you healthy and help you maintain the maximum amount of weight loss possible.



General Points to Consider When Returning to a Normal Textured Diet

- Ensure you make time for meals sit down, chew food well and stop as soon as you feel full. Mealtimes may take 20 minutes, try not to make them last longer than this.
- Have fluids at least 30 minutes before or after meal times, avoid having them together.
- If you are eating a tea-plate sized portion aim for 3 regular meals; if the portion size is smaller, aim for 4-6 small meals. If your meals are very small, a glass of low fat milk or low sugar yogurt in between meals will help meet your protein needs.
- Try not to replace meals with easily tolerated high calorie snacks such as crisps or chocolate
- It is essential that you continue to take a vitamin and mineral supplement daily to prevent deficiency
- Choose a diet low in fat and low in sugar
- Aim for 2-2.5 litres (6-8 cups / 3.5-4 pints) of fluid each day to prevent dehydration and constipation. You may find it useful to carry a water bottle to ensure you are drinking enough.
- Take small regular sips when drinking to avoid gulping and swallowing air as you drink
- Choose tender meats i.e. stew, casserole, hot pot or add a low fat sauce or gravy as this may be better tolerated
- Continue to try different foods and have a varied diet it is normal for foods to be tolerated one day then not the next.
- If a food causes problems such as vomiting, avoid it for a few days and then try it again. Remember that one bad experience doesn't mean that you won't be able to tolerate that food forever.

Physical Activity

As you lose weight, think about how you can be more active. Making activity a long term lifestyle change will help improve your fitness and maintain your weight loss. Walking more, using the stairs instead of lifts or escalators, swimming and dancing are all good ways to start.



Tips for Healthy Eating on a Bariatric Diet

When starting the diet, try to eat 4-6 small meals / snacks each day. This will help you get the nutrients you need, promote wound healing and fight infections. The diet includes high protein, high fibre foods that are low in fat, calories and sugar.

Protein

Having enough protein is vital for your surgery wounds to heal properly. Protein will also help you preserve your muscle and encourage your fat stores to be used as energy. Try to include lower fat, high protein foods such as those listed below:

- Fish
- Lean meat
- Eggs
- Peas, beans and lentils
- Soya and tofu
- Reduced fat / half fat hard cheese
- Low fat cottage cheese
- Low sugar yoghurts
- Fromage frais
- Low fat milk (semi-skimmed, skimmed or 1% fat varieties)

Your appetite will be reduced in the early stages following your operation. Therefore, you will only be able to eat limited, small amounts of food. Always try to include some protein in your meals / snacks but remember to eat a variety of foods to make sure that you get all the nutrition you need.

Fat

Fat is very high in calories and can be difficult to digest after surgery. Fat can delay stomach emptying and lead to heartburn. Eating high fat and fried foods will also slow your weight loss. **Avoid** high fat foods to support your recovery and help your weight loss.

Sugary / Sweet foods and drinks

Sugary or sweet food and drinks tend to be high in calories, are often high fat and provide few, if any, vitamins and minerals. Eating sugary or sweet foods following a bariatric procedure will slow weight loss and can lead to dumping syndrome. Symptoms include dizziness, feeling hot, sweating, palpitations, nausea, diarrhoea and shakiness. **Avoid** sweet / sugary foods to support your recovery and help your weight loss.

Cooking methods

How you cook your food is important. To reduce your fat and calories intake choose to grill, bake, microwave, stew, poach, boil and steam your food. **Avoid** frying and roasting with additional fat.

Fluid

Aim for 2-2.5 litres (6-8 cups) of fluid per day. It is important to drink plenty of fluid to avoid becoming dehydrated and / or constipated. The best choices are listed below:

- Water
- Low-calorie / reduced-sugar / no-added-sugar cordial or squash
- Still diet drinks
- Tea, herbal tea or coffee
- Low-fat milk
- Diluted fruit juice (half water and half fruit juice)
- Thin, fruit smoothies (smooth varieties)

Avoid high calorie / sugary drinks such as full-sugar fizzy drinks, squash or cordial, and full-fat milk and milky drinks. Remember that although fruit juice / smoothies are nutritious they contain a lot of calories – drinking several each day can significantly increase your calorie intake.

Avoid fizzy drinks following your surgery. They may make you feel bloated and can cause heartburn

Take small, slow, frequent sips of fluid throughout the day. This will help prevent you feeling sick, having pain or vomiting. Try to have at least 2 litres of fluid each day.

Take fluids between meals and at least 30 minutes before or after meals (from Stage 2 onwards).

Alcohol

After your recovery (approx 2 months) you may want to include alcohol in your diet. Always aim to keep the amount of alcohol within safe limits. Following weight loss surgery, think carefully before including it.

- Alcohol is high in energy and can increase appetite, so people often eat more high calorie snack foods when they drink it. Try to avoid strong ales, alcopops and sugary mixers.
- Alcoholic drinks may contain sugar which can cause dumping syndrome
- Fizzy alcoholic drinks such as beer, lagar and sparkling wine can cause discomfort, so should be avoided.
- You will absorb alcohol a lot quicker following surgery, therefore a little alcohol will have a significant effect.

For general health it is recommended that adults drink no more than 14 units of alcohol in a week, split over a least 3 days.

The following measures all provide one unit of alcohol:-

- Half a pint of standard strength (3.5%) beer, lager or cider
- 1 small glass of wine (100ml)
- 1 standard measure of spirits (25ml)
- 1 small glass of sherry (50ml)



Vitamin and Mineral Supplements

It is essential for good long-term health that following surgery you take the vitamin and mineral supplements that are prescribed for you for the rest of your life. These include:

- Daily multivitamin and mineral supplement e.g. Forceval once a day (soluble or tablet). Speak to your Dietitian if you are unable to tolerate Forceval.
- Calcium and vitamin D supplement e.g. 1 Accrete D3 per day
- B12 injection every 2-3 months
- Iron as ferrous fumarate (210mg) 1 per day.

Initial nutritional monitoring via blood tests will be done every 3, 6 and 12 months. As time goes on this will reduce to being done annually.

Aftercare will be provided at the hospital clinic for 2 years follow up. After this time, your GP will do your annual nutritional monitoring for life.

Suggestions for Suitable Alternatives After Bariatric Surgery

	Avoid	Alternatives
Meat, fish and alternatives	 Fatty meats and meat products such as sausage, pate, bacon, burgers Pies and pastries, pork pie, sausage rolls, scotch eggs, pastries, quiche, samosas 	 Fish Lean meat – skin and visible fat removed Eggs Peas, beans and lentils Soya and tofu
Dairy	 Whole / full-fat milk Butter / margarine / lard / dripping / oil / ghee Cream High sugar yoghurts Full fat cheese 	 Low fat milk Fromage frais Low sugar yoghurts Reduced-fat / half-fat hard cheese Low-fat cottage cheese
Savoury snacks	CrispsNutsPrawn Crackers	 Rice crackers Rice cakes Seeded crackers Plain popcorn
Sweet food and snacks	 Mints / toffees / boiled sweets Full sugar jelly Jam / marmalade / lemon curd Honey Syrup / treacle / glucose syrup Chocolate Biscuits Meringue Cake Puddings Ice cream / sorbet 	 Sugar free candy* Sugar free jelly* High fruit content jam, used sparingly Artificial sweeteners* Small handful of dried fruit *Sweeteners used in sugar-free varieties contain few calories, but may cause a laxative effect if eaten in large quantities
Drinks	 Full sugar still drinks Fizzy drinks Full sugar cordial / squash Energy drinks Full fat milky drinks such as lattes, mochas, frappes, hot chocolate, milkshakes 	 Diet still drinks Diluted fruit juice (half water and half fruit juice) Reduced / no-added-sugar cordial or squash "Skinny", low fat or light milky drink varieties
Dressing and condiments	 Condensed milk, evaporated milk Coconut milk Mayonnaise and creamy sauces Salad dressing 	 Light evaporated milk Low fat dressings and mayonnaise Reduced fat coconut milk

Potential Problem Foods

There are some solid foods which may not be tolerated in the long term. These foods are more likely to make you vomit. However, everyone is different and if you can manage these foods there is no need to avoid them. Only introduce these foods once all other foods are tolerated.

- Bread particularly soft and white (not toasted)
- Overcooked pasta or rice
- Tough, dry meats
- Nuts
- Pips, seeds, skins, piths from fruit and vegetables
- Stringy vegetables such as green beans, asparagus
- Sweetcorn, mushrooms, lettuce, pineapple, oranges, dried fruits

Potential Problem Food	Alternative
Bread – soft/white	Crackers or toast
Pasta	Smaller pasta shapes
Tough/dry meat	Mince/stewed/slow cooked meat
Rice	Risotto
Stringy/hard vegetables	Well-cooked or mashed veg
Fruit with pips/seeds/pith	Peel fruit, stewed or tinned fruit (in
	juice)

Dumping Syndrome

Dumping syndrome is a collection of symptoms caused by food moving too quickly from the stomach into the bowel. This can be either "early" or "late" dumping syndrome depending on when your symptoms occur. Symptoms most usually occur after eating foods high in sugar or easily digested "simple" carbohydrates.

Early dumping syndrome – occurs within 10-30 minutes of eating. Symptoms may include stomach cramps, diarrhoea, sweating, palpitations, bloating, nausea and vomiting.

Late dumping syndrome – occurs 1-2 hours after eating. Symptoms include shaking, dizziness, sweating, confusion, hunger, tiredness.



Tips to Avoid Dumping Syndrome

- Have a regular meal pattern avoid large gaps in your eating
- Don't drink with meals avoid drinking 20-30 mins before or after eating
- Avoid temperature extremes food being too hot or very cold
- Chew foods well and eat slowly, taking time to relax after a meal
- Avoid high sugar and high fat foods
- Avoid foods that are high in processed carbohydrates
- When possible choose wholegrain/higher fibre carbohydrates

Frequently Asked Questions



Should I expect to be sick or vomit?

Vomiting should not be the norm after surgery. However, in the early post op stage when you are getting to know the foods you can or can't tolerate you may occasionally be sick. If this happens ask yourself the following questions:-

- Did I eat too quickly?
- Did I chew the food well?
- Was my posture correct sitting down at a table?
- Was the food of the correct consistency?
- Did I allow enough time between my drink and my meal?
- Did I overeat?

Try to allow time for regular meals. Try to sit down for meals and chew food well. Try serving your meals on a tea-plate.

What can I do if I get constipation?

If you get constipated you can take a non-bulking agent such as Benefibre, Senna or Lactulose. To prevent constipation ensure you are drinking sufficient fluids and choose foods higher in fibre such as wholegrain cereals, bread, fruit and vegetables. Seek medical help if it becomes a problem.

What may cause diarrhoea?

There are a couple of reasons why people may experience diarrhoea.

- Diarrhoea can be a symptom of "dumping syndrome". To prevent the symptom try to avoid the food or drink that may have caused it, try to choose low sugar alternatives
- Diarrhoea may be caused by foods high in fat. Again consider what you have eaten and its fat content
- If you experience persistent diarrhoea after surgery contact your Surgeon / Dietitian for advice

Can I ever eat a Normal Textured diet again?

Over time you will find that the texture of food that you can eat will widen so you should be able to eat a varied diet once again. Make sure that you are more conscious that you are chewing food well, taking your time over meals and stopping as soon as you feel full.

I've heard that I may lose some hair - is that true?

In the early stages, weight loss can be very fast. Around 3-4 months after surgery some people notice that their hair is beginning to thin. However, hair will return to its normal condition providing the rate at which you are losing weight is slowing down and your diet is balanced. It is important to ensure a good protein intake and that you are taking prescribed vitamin and mineral supplements.

Do I need to take Vitamins and Minerals?

It is essential for good long term health that following surgery you take vitamin and mineral supplements for the rest of your life.



Contact Us

If you have any further questions or queries, please contact:

Helen Rowbottom (Secretary to Bariatric Service)

Tues-Thurs 8.15am to 4pm Friday 8am to midday Tel: 01224 559 365 gram.obesityservice@nhs.scot

Out with these hours please contact your GP or NHS 24 In an emergency please attend A & E