

















Client Health Education Resource

What to Eat When Healing a Wound



Nutrition plays an important role in skin health and healing wounds. When your body has a wound, you need more calories (energy), protein, fluid and certain vitamins and minerals to help with healing.

Calories (Energy)

Calories come from carbohydrates, protein, and fats in foods. Eating enough calories allows the protein you eat to be used more effectively for wound healing.

- Including a variety of foods in your diet will help you meet your calorie needs and provide the materials needed to heal your wound.
- Good sources of carbohydrates include grain products (such as rice, pasta, bread, quinoa, potatoes), fruits, milk, and plant-based drinks.
- Good sources of fat include avocados, oils, margarine, butter, mayonnaise, and nuts.

Protein

Protein supplies your body with the right materials to build tissue and repair your skin, protect muscles, and help you fight infections.

- Protein rich foods should be eaten as part of every meal and snack (see next pages for a list of high protein foods).
- Protein powder or skim milk powder can be added to your food or beverages to help meet your protein goals.
- Check the Nutrition Facts table found on the food's label to determine how many grams of protein are in each serving of foods you eat regularly.
- Check the serving size:
 Always compare the serving size on the Nutrition
 Facts table to the amount that you eat. The table
 lists the amount of protein per serving of food not
 the amount in the package or container.
- Check the protein:
 Keep track of the total amount you eat each day.

	Nutrition Facts Valer nutritive Per 1 cup (250 mL)		
/	pour 1 tasse (250 mL)		
	Calories 110 % D % valeur qu	aily Value* uotidienne*	
	Fat / Lipides 0 g	0 %	
	Saturated / saturés 0 g + Trans / trans 0 g	0 %	
	Carbohydrate / Glucides 26 g		
	Fibre / Fibres 0 g	0 %	
	Sugars / Sucres 22 g	22 %	
A	Protein / Protéines 2 g		
/	Cholesterol / Cholestérol 0 mg		
	Sodium 0 mg	0 %	
	Potassium 450 mg	13 %	
	Calcium 30 mg	2 %	
	Iron / Fer 0 mg	0 %	
	*5% or less is a little , 15% or more is a lot *5 % ou moins c'est peu , 15 % ou plus c'est	beaucoup	

Vitamins and Minerals

Zinc, Vitamin C, and Vitamin A play an important role in healing wounds. If you are eating a variety of foods you will likely be getting enough of these nutrients to meet your calorie (energy) and protein needs.

A daily multivitamin/mineral supplement can help healing, especially if you are eating less than usual. Examples include Centrum Forte®, Centrum Select®, and Jamieson Regular Vita-Vim™.

Fluids

Wounds are thirsty. Fluid helps to deliver valuable nutrients to your wound and support overall skin health.

Try to drink at least 6-8 cups (1.5-2 L) of fluid every day.

Stay hydrated by drinking a variety of hot or cold beverages such as water, 100% vegetable juice, milk or fortified milk alternatives, shakes, broth, tea, coffee and juice.

If your appetite is poor, have fluids at the end of a meal.

Tips for Eating

- Make the most of each bite by choosing high protein, nutrient rich foods.
- Eat more often, for example every 2 to 3 hours, to help you meet your calorie and protein needs.
- Try frozen or packaged meals if you feel too tired to cook. Meal and grocery delivery services may also be helpful.
- For quick and easy snacks, try prepared items such as protein bars, beef jerky, yogurt cups, cheese, dessert tofu, hummus, nuts, or trail mix.
- Protein supplement drinks (such as Boost®, Ensure®, Muscle MILK©, Core Power®, and Vega®) are portable, convenient sources of protein, calories, and other nutrients needed for healing. These supplements are available as powders, drinks, or puddings.
- For a tasty high calorie, high protein shake, blend your favourite smoothie ingredients with a supplement drink, high protein milk, or a plant-based milk of your choice (milk with at least 7 grams of protein per 1 cup serving).
- For extra calories, add full fat yogurt, ice cream, nut or seed butter, or avocado.
- Choose fresh and frozen fruit when possible as they contain more vitamins, minerals, and antioxidants for healing compared to canned fruit or fruit juices.
- Limit foods like pop, iced tea, chips, chocolate bars, and sweets because they are low in the nutrients needed for healing.

Note: If you would like more information, please contact a Registered Dietitian, a food & nutrition professional, especially if you are losing weight that has not been planned and/or your wound is not healing.

Choosing Foods High in Protein

The following list is intended to help you choose foods that are high in protein. You should also read the Nutrition Facts table on the food's label to see how many grams of protein are in each serving of the food you eat regularly.

Your total protein needs are ____ grams per day. Canada's Food Guide recommends choosing protein foods that come from plants more often.

Very High Protein Foods more than 20 grams per serving	Serving Size
Beef, pork or chicken (boneless), wild meat, cooked	90 grams (3 oz)
Fish and shellfish, cooked	90 grams (3 oz)
Dry curd cottage cheese	125 grams (½ cup)

Hint: 90 grams of cooked meat is about the size of a deck of cards.

High Protein Foods 10 to 20 grams per serving	Serving Size
15 to 20 grams	
Greek yogurt or Skyr Icelandic® yogurt	175 grams (¾ cup)
Cottage cheese (1%, 2%, or non-fat)	125 grams (½ cup)
Beyond Meat® burgers or sausages	1 patty or 1 sausage
Beans, lentils, chickpeas (cooked from dry) or edamame (frozen)	250 mL (1 cup)
Tofu (extra firm, smoked, pressed), tempeh, or paneer	90 grams (3 oz)
Quest® Tortilla Style Protein Chips	1 snack bag
10 to 15 grams	
Ultrafiltered milk: Fairlife®, Joyya™ by Dairyland	250 mL (1 cup)
Canned beans or chickpeas	250 mL (1 cup)
Canned tuna (drained)	60 grams (½ can)
Soy burgers	1 patty
Ricotta cheese	120 grams (½ cup)
Eggs (large)	2

Moderate Protein Foods 5 to 10 grams per serving	Serving Size
Beef jerky (or turkey jerky)	30 grams (1 oz)
Cow's milk (skim, 1%, 2%, whole, flavoured) or Soy beverage	250 mL (1 cup)
Quinoa or green peas (cooked)	250 mL (1 cup)
Nuts and seeds (e.g., almonds, cashews, pumpkin, hemp)	30 grams (¼ cup)
Nut and seed butters (e.g., peanut, almond, sunflower, tahini)	30 mL (2 Tbsp)
Yogurt (plain or flavoured)	175 grams (¾ cup)
Cheese, hard or soft (e.g., cheddar, gouda, brie, chèvre, etc.,)	30 grams (1 oz)
Garden veggie burgers	1 patty
Dessert tofu	150 grams (1 pkg)
Hummus	60 grams (4 Tbsp)

Minimal Protein Foods less than 5 grams per serving	Serving Size
Some plant-based beverages (e.g., almond, cashew, coconut, oat)	250 mL (1 cup)
Coconut yogurt	175 grams (¾ cup)
Chia seeds	15 mL (1 Tbsp)
Avocado	½ fruit
Broccoli (cooked)	80 grams (½ cup)
Cream cheese	15 mL (1 Tbsp)

Protein Supplement Powders	Serving Size
Greater than 20 grams	
Whey protein, unflavoured collagen powder (e.g., Organika®)	30 grams (1 scoop)
Vegetable powder (e.g., Vega® (Sport), Iron Vegan® (Athlete's Blend or Gainer), Garden of Life ® (Fit, Sport, or Raw Organic Protein), goodprotein®	30 grams (1 scoop)
Pea protein powder	30 grams (1 scoop)
10 to 20 grams	
Skim milk powder	30 grams (4.5 Tbsp)
Cricket powder	20 grams (3 Tbsp)
Vegetable powder (e.g., Vega® (One, Essentials, Protein and Greens), Iron Vegan® (Sprouted Protein), Garden of Life® (Raw Organic All-In-One Shake))	30 grams (1 scoop)
Soy protein powder	20 grams (1 scoop)
Hemp protein powder	20 grams (3 Tbsp)

Protein Supplement Drinks - Single Serving	Serving size
Greater than 20 grams	
Muscle MILK [©] (Genuine, Pro-series), Ensure [®] Protein Max, Boost [®] 2.24, Core Power [®] (High Protein Milkshake, Elite), Premiere Protein [®]	1 bottle
10 to 20 grams	
Boost®, Ensure®, Resource 2.0, Fairlife® Nutrition Plan	1 bottle
Sperri™, Rumble® Supershake, OWYN®	1 bottle

Protein and Energy Snacks	Serving Size
10 to 20 grams (Protein bars)	
PowerBar® Protein Plus, or Pure Protein® Kirkland Signature Protein, Rx Bars	1 bar
Vega® (Protein bar or Sport protein bar), Iron Vegan protein bar, Simply Protein Bar	1 bar
5 to 10 grams (Energy bars)	
LÄRABAR®, KIND® bars (contain honey), or LUNA® bars, CLIF® Bar or Nut butter filled) CLIF® Builder's	1 bar

Menu Ideas

	Food Suggestions Includes animal and plant based foods	Protein Approximate grams
Breakfast	Fruit smoothie with 1 scoop protein powder and either: 1 piece of toast with 1 Tbsp peanut butter or 1 cup cooked oatmeal with berries and 2 Tbsp seeds with 1 cup milk or soy beverage	25-35
Snack	2 oz cheddar cheese or 2 Tbsp nut butter Apple slices	8-14
Lunch	Sandwich (2 eggs or ½ can fish or plant-based burger) Vegetables 1 cup cow's milk or soy beverage	22
Snack	¾ cup Greek yogurt with fruitorPlant-based protein bar	15 - 20
Dinner	3 oz cooked meat, fish, poultry, firm tofu or tempeh 1 cup rice, pasta, potatoes, or quinoa Vegetables	25
Snack	1 cup milk or soy beverage with 1 scoop of protein powder	30

Total: 125 - 145 grams

A scoop is approximately 30g which provides approximately 25g of protein Check the protein powder's nutrition label for the amount of protein provided



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For more copies, go online at wch.eduhealth.ca
or email phem@vch.ca and quote Catalogue No. FO.160.W43
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