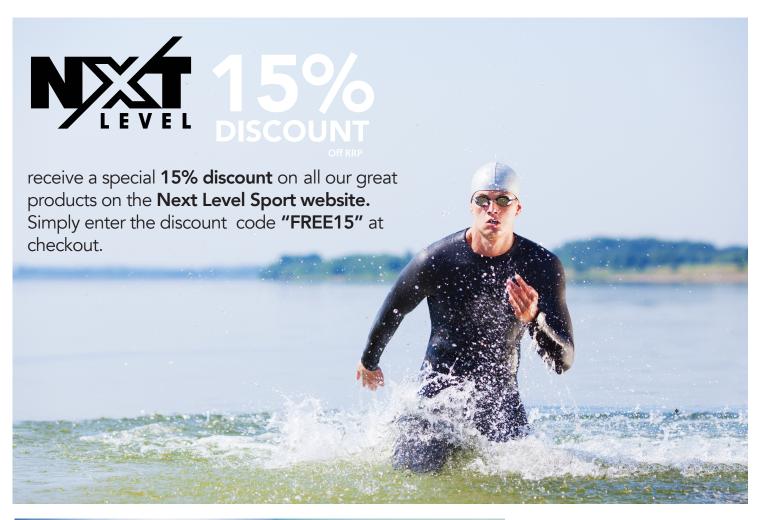




## **Assessment**

Name:				
Program start date:				
Short Term Goal: Long				
Term Goal:				
Your Info:				
Age:		-		N X I EVE
Gender:				
Height:		_		
Weight:		_		
Chest:				
Waist:				
Thigh:				
Bicep:				
Hips:				
Calf:			16.1	
Neck:				nxtlevelsport.co.nz
		South H		
Supplement Name:	Dose:	Freq.:	Time Used:	Notes:
N				
Notes:				



























DAY 1		Date:					DAY 2		Date:				
Statistics Weight:	Bodyfat%:	Hia	os (mm):		Waist (mm):		Statistics Weight:	Bodyfat%:	Hic	os (mm):	W	/aist (mm):	
Vutrition		1	•		• •		Nutrition	,					
	PLAN		A	CTUAL				PLAN		AC	TUAL		
Breakfast:				-			Breakfast:	<u> </u>					
Snack:							Snack:						
Lunch:							Lunch:						
Snack:							Snack:						
Dinner:							Dinner:						
Snack:							Snack:						
Workout							Workout						
VVORKOUT Cardio		Start Time	e:	Finis	h Time:		VVOFKOUT  Cardio		Start Time	e:	Finish 1	lime:	
Exercise	Time   D	Distance   Intensi	ty   Speed   C	Calories	Notes		Exercise	Time   Dis	tance   Intensit	y   Speed   C	alories N	otes	
Exercise		Kg   Reps	Kg   Reps	Kg   Rep	s Kg   Reps	Kg   Reps	Strength Exercise		Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
													-
DAY 3		Date:					DAY 4		Date:				
Statistics Weight:	Bodyfat%:	Hip	os (mm):		Waist (mm):		Statistics Weight:	Bodyfat%:	Hip	os (mm):	W	/aist (mm):	
Nutrition							Nutrition						
	PLAN		A	CTUAL				PLAN		AC	TUAL		
Breakfast:							Breakfast:						
Snack:							Snack:						
Lunch:							Lunch:						
Snack:							Snack:						
Dinner:							Dinner:						
Snack:							Snack:						
		Start Time	e:	Finis	h Time:		Workout Cardio		Start Time	e:	Finish 1	Гime:	
		Start IIII			Notes		Exercise	Time   Dis	tance   Intensit	y   Speed   C	alories N	otes	
Cardio	Time   C	Distance   Intensi	ty   Speed   C	Calories	Ivotes								
Cardio	Time   E		ty   Speed   C	Calories	INOTES								
Cardio	Time   E		ty   Speed   C	Calories	INOTES								
Workout Cardio Exercise	Time   C	Distance   Intensi				V. I D	Strength		V 15	V. I.D.	V.   5	V.   5	V   5
Cardio Exercise	Time   E					Kg   Reps	Strength  Exercise		Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
Cardio Exercise	Time   C	Distance   Intensi				Kg   Reps			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
Cardio Exercise Strength	Time   C	Distance   Intensi				Kg   Reps			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
Cardio Exercise Strength	Time   C	Distance   Intensi				Kg   Reps			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps

DAY 5			Date:					DAY 6	)		Date:				
Statistics Veight:		odyfat%:	Hip	s (mm):		Waist (mm):		Statistics Weight:		Bodyfat%:	Hips	s (mm):		Waist (mm):	
。 Nutrition		,	'					» Nutrition		,	1				
	PLAN			AC	TUAL				PLAN	l			ACTUAL		
Breakfast:								Breakfast:							
Snack:								Snack:							
Lunch:								Lunch:							
Snack:								Snack:							
Dinner:								Dinner:							
Snack:								Snack:							
Workout Cardio			Start Time	::	Finis	sh Time:		Workout Cardio			Start Time	:	Finis	n Time:	
Exercise		Time   Dista	nce   Intensit	y   Speed   C	alories	Notes		Exercise		Time   Distar	nce   Intensity	y   Speed	Calories	Notes	
itrength								Strength							
Exercise			Kg   Reps	Kg   Reps	Kg   Re	ps Kg Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Rep	s Kg   Rep	s Kg   Reps	Kg   Reps

DAY 6

#### Weight: Nutrition

DAY 7

Statistics

DAY 5

	PLAN	ACTUAL
Breakfast:		
Snack:		
Lunch:		
Snack:		
Dinner:		
Snack:		

Hips (mm):

Waist (mm):

Workout Start Time: Finish Time:

Date:

Bodyfat%:

#### Cardio

Exercise	Time   Distance   Intensity   Speed   Calories	Notes

Exercise	Kg   Reps				

#### **Breakfast Ideas**

#### Blueberry & Chocolate Smoothie

200mL low-fat milk 1/2 cup blueberries

1 heaped scoop IsoWhey Ivory Coast Chocolate

1-2 tbsp flaxseed meal

lce



#### Poached eggs & smoked salmon

2 slices smoked salmon

1 slice 100% rye bread, toasted, lightly

buttered

#### Banana, mixed berries & Vanilla

PERFECT SUNDAY BREKKY!

200mL water

1 cup frozen berries

1/2 frozen banana (peel before you put in the

11/2 scoops IsoWhey Madagascan Vanilla

1 tablespoon natural yoghurt

1 tablespoon LSA (linseed, sunflower seed, almond) mix

lce





**FAT LOSS AND LEAN MUSCLE RETENTION** 

Increase dietary fibre intake to 35g daily to increase satiety and support digestive function.

Drink water with meals to help you to feel full for longer and support the absorption of a small amount of natural electrolytes from the food you consume.

For weight loss, aim to reach a "catabolic" state.

Calories "in" must be less than calories "out". Do this without compromising muscle mass by consuming protein sources regularly and evenly across all meals of the day. This strategy improves satiety; meaning you will feel satisfied for longer.

Consume a low GI (glycaemic index) diet as often as possible. Consume your higher carbohydrate meals directly before and / or directly after a workout to enhance both workout performance and recovery.

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## **FAT LOSS STACK**

The perfect **products** to get you in to shape this summer.















# FIMIL CARDIO CIRCUIT

**JUMP SQUATS: 15 REPS** 

**CRUNCHES: 15 REPS** 

**PUSH-UPS: 15 REPS** 

4 SETS

**RUN: 10 MINUTES** 

**STAIRMILL: 10 MINUTES** 

**BIKE: 10 MINUTES** 



**POWERED BY: -**FITMISS IGNITE

Always consult with your physician before starting any new exercise, nutrition or supplementation program. These programs are not intended for use by individuals with any medical conditions that may be compromised by intense cardiovascular exercise or weight training. As with any training program, some soreness is typical. If you experience pain, nausea or dizziness, discontinue training and consult a health care provider immediately.

DAT 8			Date:						DAT 9			Date:				
Statistics Weight:	Bodyfat	:%:	Hip	s (mm):		Wa	aist (mm):		Statistics Weight:	ı	Bodyfat%:	Hip	s (mm):	٧	Vaist (mm):	
Nutrition									Nutrition							
	PLAN			Α	CTUAL					PLAN	N		AC	CTUAL		
Breakfast:									Breakfast:							
Snack:									Snack:							
Lunch:									Lunch:							
Snack:									Snack:							
Dinner:									Dinner:							
Snack:									Snack:							
Workout Cardio			Start Time	::	Fin	ish Ti	ime:		Workout Cardio			Start Time	2:	Finish	Time:	
Exercise	Time	e   Distai	nce   Intensit	y   Speed	Calories	No	otes		Exercise		Time   Dista	nce   Intensit	y   Speed   C	Calories N	Votes	
trength Exercise			V-   D	V-   D	V-ID		V-   D	V-   D	Strength			V- D	V-   D	V- D	V- D	V-   P
Exercise			Kg   Reps	Kg   Reps	Kg   Re	eps	Kg   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
DAY 10 Statistics	Bodyfat		<b>Date:</b> Hip	s (mm):		Wā	aist (mm):		DAY 11 Statistics Weight:		Bodyfat%:	<b>Date:</b> Hip	s (mm):	V	Vaist (mm):	
Vutrition									Nutrition							
	PLAN			Α	CTUAL					PLAN	٧		AC	CTUAL		
Breakfast:									Breakfast:							
Snack:									Snack:							
Lunch:									Lunch:							
Snack:									Snack:							
Dinner:									Dinner:							
Snack:									Snack:							
Workout Cardio			Start Time	::	Fin	iish Ti	ime:		Workout Cardio			Start Time	::	Finish	Time:	
Exercise	Time	e   Distai	nce   Intensit	y   Speed	Calories	No	otes		Exercise		Time   Dista	nce   Intensit	y   Speed   C	Calories N	Votes	
itrength Exercise			Kg   Reps	Kg   Reps	s Kg Re	eps	Kg   Reps	Kg   Reps	Strength Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
									1							

DAY 12		Date:					DAY 13	3		Date:				
Statistics Weight:	Bodyfat%:	Hips	s (mm):		Waist (mm):		Statistics Weight:	ı	Bodyfat%:	Hip	s (mm):		Waist (mm):	
Nutrition							Nutrition							
	PLAN		Δ	CTUAL				PLAN	1		A	CTUAL		
Breakfast:							Breakfast:							
Snack:							Snack:							
Lunch:							Lunch:							
Snack:							Snack:							
Dinner:							Dinner:							
Snack:							Snack:							
Workout Cardio		Start Time	:	Fini	sh Time:		Workout Cardio			Start Time	::	Finisl	h Time:	
Exercise	Time   Dist	ance   Intensity	y   Speed	Calories	Notes		Exercise		Time   Dist	ance   Intensit	y   Speed   C	Calories	Notes	
Strength							Strength							
Exercise		Kg   Reps	Kg   Rep	s Kg Re	ps Kg   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Rep	s Kg   Reps	Kg   Reps
							] [							
DAY 14		Date:					Lunch	lde	as					
Statistics							Crunchy Pu	ımpl	kin Seed, T	Tabouli &	<b>Tuna</b> (SI	ERVES 2)		
Weight:	Bodyfat%:	Hip	s (mm):		Waist (mm):		1/4 cauliflower	-						
Nutrition							1 tbsp parsley,				A		-111	
	DI ANI			CTUAL			1 tbsp mint, ch 1 Lebanese cu							
Breakfast:	PLAN			ACTUAL			20g pumpkin	seeds					9	
ргеактазт:							2 Roma toma 2 spring onion							
Snack:							Juice of 1 lemo	on						
Lunch:							2 x 100g tinne			ater, drained		CRISP	FRESH!	0
Snack:							Finely grate the combine the c	ne cau	liflower; it w	ill resemble	hard-look	king bread	dcrumbs. In a	bowl,
Dinner:							and spring oni	ons. [	Prizzle over le	emon juice i	and olive o	oil. Mix we	ell. Place onto	o two
Snack:							plates and top  Mexican-si				S 2)			
Workout Cardio		Start Time	:	Fini	sh Time:		200g chicker Juice of 1 lime	breas or ler	t fillets, cut	into 2cm th	ick strips			
Exercise	Time   Dist	ance   Intensit	y   Speed	Calories	Notes		1 tbsp olive oil				G			4
							1 tsp cumin 1 tsp smoked p	paprika	3			1-1	-	
							1/2 avocado, sl	liced					XUS.	*
_					<u> </u>		1 tomato, cho 1⁄4 red capsic		ced					
Strength		K ID	К   Б	K 15	W 10	K ID	1 cup lettuce,							

Mix together the olive oil, lime juice, cumin and smoked paprika and add chicken strips to marinate for up to 1 hour. Pan-fry the chicken strips in a non-stick pan until lightly browned and cooked through. Set aside to cool. Roll up chicken, avocado, tomato, capsicum, lettuce and coriander in the wholemeal wraps and serve.

1 tbsp fresh coriander leaf Wholemeal wraps



## MUSCLE RECOVERY AND BUILDING MASS

If you are looking for significant gains in muscle mass, you need to be in an 'anabolic state'. This involves consuming more calories than you are burning. Protein (amino acids), particularly leucine, isoleucine, valine and glutamine, are extremely important in providing the building blocks for new muscle synthesis. For muscle growth, aim for 1.2g-1.7kg of protein per kilo of body weight, consumed evenly across the entire day. Any more than this has been shown to be both unnecessary and expensive!

Carbohydrates are equally as important. They provide the energy needed to maintain the heavy resistance training required for muscle growth. Without carbohydrate (at meals and either before and/or after the session), recovery becomes sub-optimal and strength decreases whilst an anabolic state cannot be maintained.

## **MUSCLE GAIN STACK**













Always consult with your physician before starting any new exercise, nutrition or supplementation program. These programs are not intended for use by individuals with any medical conditions that may be compromised by intense cardiovascular exercise or weight training. As with any training program, some soreness is typical. If you experience pain, nausea or dizziness, discontinue training and consult a health care provider immediately

DAY 1	5		Date:						DAY 16	5		Date:				
Statistics Weight:		Bodyfat%:	Hip	s (mm):		Waist (	(mm):		Statistics Weight:	ı	Bodyfat%:	Hip	s (mm):	,	Waist (mm):	
Nutrition									Nutrition							
	PLAN			A	CTUAL					PLAN	1		AC	TUAL		
Breakfast:									Breakfast:							
Snack:									Snack:							
Lunch:									Lunch:							
Snack:									Snack:							
Dinner:									Dinner:							
Snack:									Snack:							
Workout			Start Time	:	Fini	ish Time:			Workout Cardio			Start Time	<b>:</b> :	Finish	Time:	
Exercise		Time   Dista	nce   Intensit	y   Speed   0	Calories	Notes			Exercise		Time   Dista	nce   Intensit	y   Speed   C	alories	Notes	
Strength									Strength							
Exercise			Kg   Reps	Kg   Reps	Kg   Re	eps Kg	Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
						_										
						_										
DAY 17 Statistics	В	Bodyfat%:	<b>Date:</b> Hip	s (mm):		Waist (	(mm):		DAY 18 Statistics Weight:		Bodyfat%:	<b>Date:</b> Hip	s (mm):	,	Waist (mm):	
Vutrition									Nutrition							
Breakfast:	PLAN			A	CTUAL				Breakfast:	PLAN	1		AC	TUAL		
Snack:									Snack:							
Lunch: Snack:									Lunch: Snack:							
Dinner:									Dinner:							
Snack:									Snack:							
onuck.									J. J							
Workout Cardio			Start Time			ish Time:			Workout Cardio			Start Time		Finish		
Exercise		Time   Dista	nce   Intensit	y   Speed   C	Calories	Notes			Exercise		Time   Dista	nce   Intensit	y   Speed   C	Calories	Notes	
Strength								T	Strength			ı				1
Exercise			Kg   Reps	Kg   Reps	Kg   Re	eps Kg	g   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps

<b>DAY 19</b>	)	Date:					DAY 2	0		Date:				
Statistics Weight:	Bodyfat%:	Hip	os (mm):		Waist (mm):		Statistics Weight:		Bodyfat%:	Hip	s (mm):	,	Waist (mm):	
Nutrition							Nutrition							
	PLAN		AC	TUAL				PLAN	l		AC	TUAL		
Breakfast:							Breakfast:							
Snack:							Snack:							
Lunch:							Lunch:							
Snack:							Snack:							
Dinner:							Dinner:							
Snack:							Snack:							
Workout		Start Time	e:	Finis	h Time:		Workout			Start Time	::	Finish	Time:	
Cardio Exercise	Time   Dis	stance   Intensit	y   Speed   C	alories	Notes		Cardio Exercise		Time   Dista	nce   Intensit	y   Speed   C	alories	Notes	
Strength							Strength							
Exercise		Kg   Reps	Kg   Reps	Kg   Re	os Kg   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Rep	Kg   Reps	Kg   Reps
<b>DAY 21</b>							Dinnei	الما .	0.3					
DAI ZI		Date:					Dinnel	Id	td .					
Statistics							_	_						

#### Nutrition

Bodyfat%:

Weight:

	PLAN	ACTUAL	
Breakfast:			
Snack:			
Lunch:			
Snack:			
Dinner:			
Snack:			

Hips (mm):

Waist (mm):

Workout Start Time: Finish Time:

Cardio		
Exercise	Time   Distance   Intensity   Speed   Calories	Notes

#### Strength

Exercise	Kg   Reps				

#### Roast salmon fillet with zucchini ribbons

(SERVES 2)

2 x 150g salmon fillets
1 punnet cherry tomatoes, halved
2 tsp fresh thyme (parsley or basil
can also be used)
Extra virgin olive oil spray
Juice of 1 lemon
Cracked black pepper to taste
2 medium zucchini

2 medium zucchini

Preheat the oven to 200°C. Pat
the salmon dry with a paper towel
and place into a baking dish with



the cherry tomatoes and thyme. Spray salmon and tomatoes with the extra virgin olive oil. Season the salmon with ground black pepper and lemon juice. Roast the salmon for 10-15 minutes or until the salmon is cooked and the cherry tomatoes have softened. To check that the salmon is cooked, insert a knife into the salmon and look to see that the flesh flakes away nicely.

Using a vegetable peeler, make zucchini ribbons by drawing the peeler the length of each zucchini and getting nice thin slices. Spray lightly with the extra virgin olive oil and pan-fry for 2 minutes. Serve roast salmon and cherry tomatoes with zucchini ribbons on top and a side salad.

## **TRAINING**

#### STEPS TO SUCCESS

#### 1. LISTEN...

... to your body and to what it is telling you

#### 2. REST

As you may know, your body grows stronger in a state of rest. Just as important as the hard training is, so is the body's chance to repair itself in order to prepare us to be able to train again. If you're tired, moody or have a loss of appetite, unless you are in peak training session, these might be signs you need to rest.

#### 3. FUEL YOUR BODY

Over the recent years, low carb, low fat, low calorie diets have been in vogue. As an athlete, or someone who is training multiple times a week, this could be a recipe for disaster and you are working on borrowed time. Just like we wouldn't drive around with our car constantly on empty, we shouldn't be leaving our bodies running on empty. Another way to combat this is again listening to our bodies, if we're hungry eat quality nutrient dense foods, within reason.

# 4. PERIODISE YOUR TRAINING

With any training goals or preparing for a race, it is extremely important to periodise your training to perform at your absolute best. This must include a general prep phase, a base phase, specific phase, pre-competition phase, competition phase and finally a recovery phase.

# 5. DON'T COMPARE YOURSELF TO OTHERS

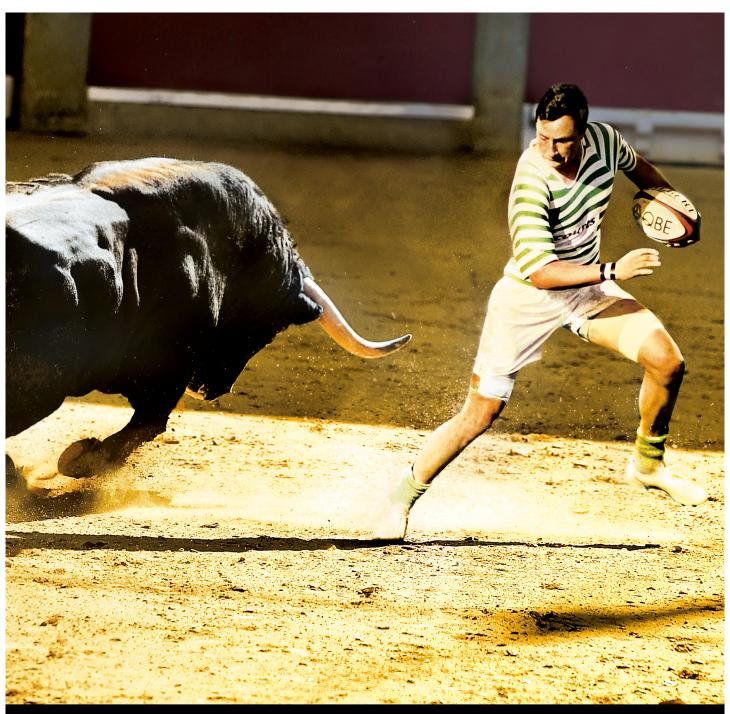
Especially on social media. It's extremely easy to get caught up with what someone else is doing, thinking Jane's doing this, Simon's doing that, I need to be out training without considering your own program.

#### 5. MOTIVATION

Remember why you're doing this programme: Is it personal? Is it to inspire others? Is it because you just enjoy training? Draw on this when the going gets tough.

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DAY 2	2	Date:					DAY 2	3		Date:				
Statistics Weight:	Bodyfat%:	Hi <sub>l</sub>	ps (mm):		Waist (mm):		Statistics Weight:		Bodyfat%:	Hi <sub>f</sub>	os (mm):		Waist (mm):	
Vutrition							Nutrition							
	PLAN		A	CTUAL				PLAN	1		A	CTUAL		
Breakfast:							Breakfast:							
Snack:							Snack:							
Lunch:							Lunch:							
Snack:							Snack:							
Dinner:							Dinner:							
Snack:							Snack:							
Workout Cardio		Start Tim	e:	Fini	sh Time:		Workout Cardio			Start Time	e:	Fini	sh Time:	
Exercise	Time   D	istance   Intensi	ty   Speed   0	Calories	Notes		Exercise		Time   Dista	nce   Intensi	ty   Speed   C	Calories	Notes	
trength							Strength							
Exercise		Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Reps	Kg   R
DAY 2	3	Date:					DAY 2	5		Date:				
statistics Veight:	Bodyfat%:	Hi <sub>l</sub>	ps (mm):		Waist (mm):		Statistics Weight:	E	Bodyfat%:	Hip	os (mm):		Waist (mm):	
Vutrition							Nutrition							
	PLAN		A	CTUAL				PLAN	1		A	CTUAL		
Breakfast:							Breakfast:							
Snack:							Snack:							
unch:							Lunch:							
Snack:							Snack:							
Dinner:							Dinner:							
Snack:							Snack:							
Workout Cardio		Start Tim	e:	Fini	sh Time:		Workout Cardio			Start Time	e:	Fini	sh Time:	
Exercise	Time   D	istance   Intensi	ty   Speed   C	Calories	Notes		Exercise		Time   Dista	nce   Intensi	ty   Speed   C	Calories	Notes	
trength Exercise		Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Reps	Kg   Reps	Strength Exercise			Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Reps	Kg   R
Exercise.		rg   πeps	rg   reps	~g   Ke	ha va kebs	rg   reps	Lxercise			r, g   r, eps	rg   reps	∧g   Ke	Ps   Kg   Keps	, rg   K

DAY 26	5		Date:					<b>DAY 27</b>	•	Date:				
Statistics Weight:	Bodyfat	%:	Hip	s (mm):	٧	Vaist (mm):		Statistics Weight:	Bodyfat%:	Hip	s (mm):	V	Vaist (mm):	
Nutrition								Nutrition						
	PLAN			AC	TUAL			P	PLAN		AC	TUAL		
Breakfast:								Breakfast:						
Snack:								Snack:						
Lunch:								Lunch:						
Snack:								Snack:						
Dinner:								Dinner:						
Snack:								Snack:						
Workout			Start Time		Finish	Time:		Workout		Start Time		Finish	Time:	
Cardio			Otal Cilling					Cardio		Otali Tilli				
Exercise	Time	Dista	ince   Intensit	y   Speed   C	alories N	lotes		Exercise	Time   Dist	ance   Intensit	y   Speed   C	alories N	lotes	
								·						
Strength Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Strength Exercise		Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Rep
DAY 28	3		Date:					Dinner	ldea					
Statistics Weight:	Bodyfat	%:	Hip	s (mm):	V	Vaist (mm):		One-pot Mo	roccan lam	<b>b</b> (SERVES	3 2)			
Nutrition								200g lamb fillet		ut into chur	ıks			
	PLAN			AC	TUAL			1 tbsp extra virgi 1 small red onior		4	-	1	-	
Breakfast:								1 tsp cumin						
Snack:								1 tsp ginger 1/2 tsp turmeric						See A
Lunch:								1 tsp cinnamon			gio.			
Snack:								2 ripe Roma ton	natoes, roughly					
Dinner:								chopped 1 cup water			10			30
Snack:								5 prunes, pitted	and chopped		16			17
\//osl.s+			<b>.</b> -	,		-		1 tbsp fresh cori	ander, roughly		AU	THENTIC F	LAVOURS!	
Workout Cardio			Start Time	::	Finish	lime:		chopped						
Exercise	Time	e   Dista	nce   Intensit	y   Speed   C	Calories N	lotes		1 tbsp fresh pars 2 tbsp flaked bla		pped				
_								Heat olive oil in lightly browned.						
Strength Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	cinnamon and to	omatoes. Stir to	scrape all th	ne flavours	together.	Add in the	water
				'				and reduce the l Return lamb bac						

minutes to let the flavours mingle.
- Sprinkle with coriander, parsley and almonds.
- Serve with steamed mixed vegetables.



# CARBOHYDRATE FOR RECOVERY AND PERFORMANCE

During prolonged exercise, ingesting carbohydrates can prevent drops in blood glucose concentration and may help to maintain high rates of carbohydrate oxidation which is needed to maintain high intensity exercise. Glucose is rapidly used at around 60g/hour. The optimal amount of carbohydrate intake is dependent on what your own digestive system can handle.

Carbohydrate, when consumed after exercise, is taken up into glycogen stores. When combined with protein within the first 30 minutes post exercise, carbohydrates are utilised for muscle tissue repair and recovery. The better your fuel and recovery strategy, the better your ability to perform at your next session!

## **RECOVERY STACK**











#### **Breakfast Ideas**

#### Coconut & Sesame Porridge

1 cup rolled oats ½ cup water

½ cup coconut milk

2 tsp IsoWhey® Wholefoods Organic Lucuma, Chia + Wildcrafted Coconut

Pinch of pink Himalayan salt

- 2 tbsp coconut yoghurt 1 banana, sliced
- 2 tsp coconut sugar
- 1 tsp black sesame seeds



#### Summer fruit salad with IsoWhey® yoghurt

Choose fresh fruit in season 1/2 cup grapes 1/2 cup blueberries 1/2 cup strawberries, sliced 2 small apricots, stone removed, chopped 1 nectarine, stone removed, chopped 1 cup chopped rockmelon Pulp of 2 passionfruits 200mL low-fat yoghurt 1/2 scoop IsoWhey® Madagascan Vanilla mint leaves, chopped



**DAY 29** 

Date:

Statistics

Weight: Bodyfat%: Hips (mm): Waist (mm):

#### Nutrition

	PLAN	ACTUAL
Breakfast:		
Snack:		
Lunch:		
Snack:		
Dinner:		
Snack:		

Workout Start Time: Finish Time:

#### Cardio

Exercise	Time   Distance   Intensity   Speed   Calories	Notes

#### Strength

Exercise	Kg   Reps				

**DAY 30** Date:

Statistics

Weight: Bodyfat%: Hips (mm):

Waist (mm):

**DAY 31** 

Date:

Statistics

Weight: Bodyfat%:

Waist (mm):

#### Nutrition

	PLAN	ACTUAL
Breakfast:		
Snack:		
Lunch:		
Snack:		
Dinner:		
Snack:		

Nutrition

	PLAN	ACTUAL
Breakfast:		
Snack:		
Lunch:		
Snack:		
Dinner:		
Snack:		

Hips (mm):

Workout

Start Time:

Finish Time:

Workout

Start Time:

Time | Distance | Intensity | Speed | Calories

Finish Time:

Cardio		
Exercise	Time   Distance   Intensity   Speed   Calories	Notes

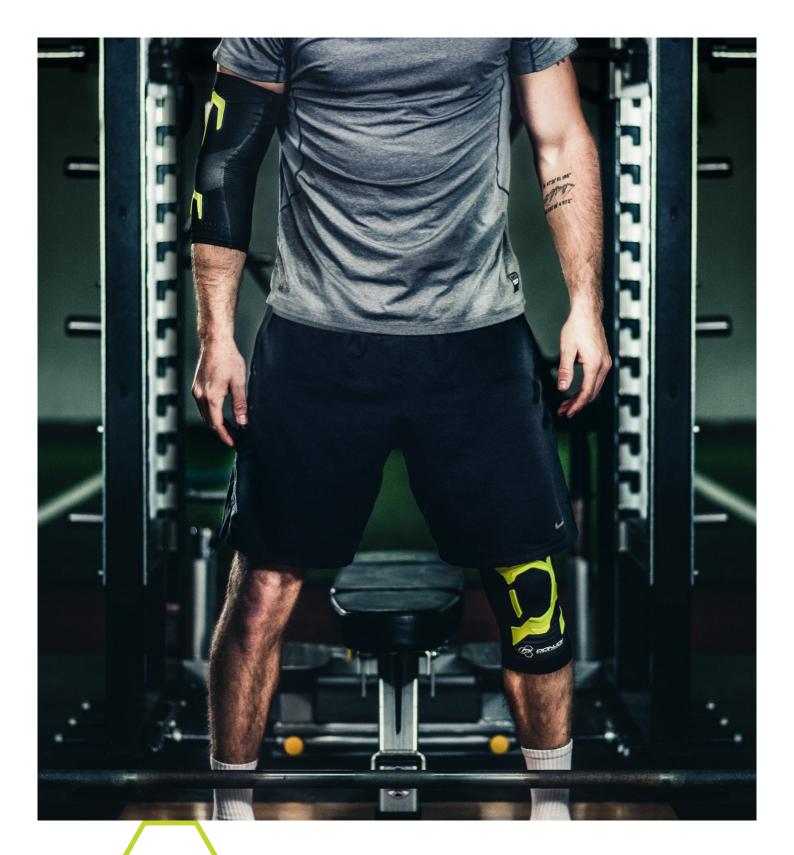
ətrengtn					
Exercise	Kg   Rep	s Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps

Cardio

Exercise

Strength					
Exercise	Kg   Re	ps Kg Reps	Kg   Reps	Kg   Reps	Kg   Reps

DAY 3	2		Date:					DAY 3	3		Date:				
Statistics Weight:		odyfat%:	Hip	s (mm):		Waist (mm):		Statistics Weight:	[	Bodyfat%:	Hi <sub>F</sub>	os (mm):		Waist (mm):	
Nutrition	١							Nutrition							
	PLAN			A	CTUAL				PLAN	1		A	CTUAL		
Breakfast:								Breakfast:							
Snack:								Snack:							
Lunch:								Lunch:							
Snack:								Snack:							
Dinner:								Dinner:							
Snack:								Snack:							
Workout Cardio Exercise		Time   Dista	Start Time			sh Time:		Workout Cardio Exercise		Time   Dista	Start Time			n Time:	
		'	-	711						1	1	711			
Strength								Strength							
Exercise			Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Rep	os Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Rep	s Kg   Reps	Kg   Rep
DAY 3 Statistics	S Bo	odyfat%:	<b>Date:</b> Hip	ıs (mm):		Waist (mm):	·	DAY 3 Statistics Weight:		3odyfat%:	<b>Date:</b> Hip	os (mm):		Waist (mm):	
Vutrition	1							Nutrition							
D 16 :	PLAN			A	CTUAL			- I - I - I - I - I - I - I - I - I - I	PLAN	1		A	CTUAL		
Breakfast: Snack:								Breakfast: Snack:							
Lunch:								Lunch:							
Snack:	1							Snack:							
Dinner:								Dinner:							
Snack:								Snack:							
Workout Cardio			Start Time	2:	Fini	sh Time:		Workout Cardio	ı		Start Time	e:	Finisl	n Time:	
Exercise		Time   Dista	ınce   Intensit	y   Speed	Calories	Notes		Exercise		Time   Dista	ance   Intensit	ty   Speed   C	Calories	Notes	
Strength								Strength							
Exercise			Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Rep	s Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Rep	s Kg   Reps	Kg   Rep
															-





The DonJoy brand can be seen every day at the elite level of sports, with bracing, compression, and protective solutions in the training rooms and on every field of play. The world's top athletes, trainers and sports physicians have all come to trust DonJoy.









## DON'T HIT THE WALL

A marathon is a true metabolic challenge. Finishing a marathon at a fairly consistent pace is not an easy thing to do. The most common cause of 'hitting the wall' is a depletion in muscle glycogen. Running too fast, too soon risks rapidly depleting available fuel for working muscles.

A smart, strategic fuelling strategy that considers sweat losses and individual carbohydrate requirements and replenishment, both during training and on event day, combined with practised pacing is paramount to running a good race.

## **COMPETITION PRODUCTS**

The perfect **products** for athletes looking to perform at their best and recover fast.















DAY 3	16		Date:					DAY 3	7		Date:				
Statistics <sub>Weight:</sub>		yfat%:	Hip	s (mm):		Waist (mm):		Statistics Weight:	I	Bodyfat%:	Hip	s (mm):	٧	Vaist (mm):	
Nutrition	١							Nutrition							
	PLAN			AC	TUAL				PLAN	N		AC	TUAL		
Breakfast:								Breakfast:		•					
Snack:								Snack:							
Lunch:								Lunch:							
Snack:								Snack:							
Dinner:								Dinner:							
Snack:								Snack:							
Workout Cardio		Time   Dista	Start Time			h Time:		Workout Cardio		T   D	Start Time		Finish		
Exercise		Time   Dista	nce   Intensit	y   Speed   C	alories	ivotes		Exercise		Time Dista	nce   Intensit	y   Speed   C	alories IN	lotes	
Strength								Strength							
Exercise			Kg   Reps	Kg   Reps	Kg   Re	os Kg   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
DAY 3	8		Date:					DAY 3	9		Date:				
Statistics Weight:	Bod	lyfat%:	Hip	s (mm):		Waist (mm):		Statistics Weight:		Bodyfat%:	Hip	s (mm):	٧	Vaist (mm):	
Nutrition	1							Nutrition							
Breakfast:	PLAN			AC	TUAL			Breakfast:	PLAN	١		AC	TUAL		
Snack:								Snack:							
Lunch:								Lunch:							
Snack:	1							Snack:							
Dinner:								Dinner:							
Snack:								Snack:							
Workout			Start Time	2:	Finis	sh Time:		Workout			Start Time	:	Finish '	Time:	
Cardio Exercise		Time   Dista	nce   Intensit	v   Speed   C	alories	Notes		Cardio Exercise		Time   Dista	nce   Intensit	v   Speed   C	alories N	lotes	
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Strength								Strength		1					
Exercise			Kg   Reps	Kg   Reps	Kg   Re	ps Kg   Reps	Kg   Reps	Exercise			Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps	Kg   Reps
						+									

## **RECOVERY**

#### STEPS TO SUCCESS

Admittedly I first wore SKINS™ to look the part: what doesn't scream elite when only a thin piece of lycra separates your bits to the public.

However, fortunately the benefits of the garments far out way the feeling you're running around naked.

The biggest benefit of SKINS™ compression garments is the way the garments increase your circulation or, as the SKINS™ marketing think tank call it, dynamic gradient engineered compression – stay with me on this.

Essentially the garment applies the right amount of surface pressure in specific points that pushes blood back towards your heart, whilst your heart pumps it back around. It is this crucial element of SKINS™ that differentiates them from their competitors.

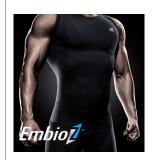
Imagine squeezing a tube of toothpaste. If you squeezed it at the top and the bottom, nothing would come out, but it you squeezed it only from the bottom the toothpaste would be pushed up − SKINS™ do the same. So what are the huge benefits of this? Increasing circulation or blood flow through your vessels increases the amount of oxygenated cells being delivered to help you perform at your peak. Oxygen = energy.

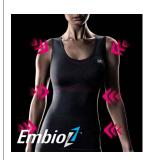
Increasing circulation also flushes out lactic acid, so the impact of the delayed onset of muscle soreness is reduced, as well as delivering new cells to repair damaged muscles.

Another benefit of SKINS™, which is why I always have a garment on either running, cycling or during Christmas shopping, is they reduce muscle vibration. If you've ever watched tennis on TV and seen the drama of a slow motion shot, it shows just how impacting exercise is on your muscles and how much the muscle can move away from your bones. SKINS™ have specific panelling and muscle wrapping that supports and holds your muscles close to your structure that reduces the risk of injury – this is a key reason since starting triathlon I haven't had a single injury that has stopped me from training and racing. I just feel a sense of security when my muscles are supported in this way.

If you're still not convinced, SKINS™ have also been able to incorporate climate control, which again comes back to the increase of circulation, so your body's temperature is more controlled, which keeps you warm when it's cold and cool when it's hot. I've gotten a few looks when I've worn a long sleeve top in 40+ degrees cycling for most of the day. I do this not just because of the benefits mentioned above but because they are also 50+UPF and for me sunscreen does very little in protecting my skin from the sun.

MATILDA REYNOLDS Professional Triathlete





Purchase online at www.nxtlevelsport.co.nz









Statistics Weight:

Nutrition

Breakfast:

Snack:

Lunch:

Snack:

Dinner: Snack:

Hips (mm):

ACTUAL

Waist (mm):

Finish Time:

Bodyfat%:

PLAN

#### Chicken Waldorf Salad

 $\frac{1}{2}$  cup steamed chicken fillet, chopped ½ green apple, chopped 1 stalk celery, chopped 6 walnuts % red onion, finely sliced 2 tablespoons olive oil Juice of ½ lemon Vegetable salt, if desired Black pepper



#### Soba noodles with shredded chicken, ginger & lime

 $2 \times 150 g$  chicken breast fillets 90g soba noodles 1cm fresh ginger, finely chopped 1 carrot, cut into matchsticks 1 red capsicum, thinly sliced 1 long red chilli, deseeded and thinly sliced 2 spring onions, thinly sliced Juice of 1 lime 1 tbsp mirin (Japanese rice wine) Dash sesame oil



Workout

#### Cardio

Exercise	Time   Distance   Intensity   Speed   Calories	Notes

Start Time:

#### Strength

Exercise	Kg   Reps				

П	<b>, , ,</b>	<b>/</b> 41	
		- 4	D-4

PLAN

Dash tamari sauce (can use shoyu or

1 tsp sesame seeds, lightly toasted

low-salt soy sauce)

Statistics

Nutrition

Breakfast: Snack:

Lunch: Snack: Dinner: Snack:

Weight: Bodyfat%: Hips (mm):

Waist (mm):

ACTUAL

**DAY 42** 

Date:

Statistics

Weight: Bodyfat%: Hips (mm): Waist (mm):

#### Nutrition

	PLAN	ACTUAL	
Breakfast:			
Snack:			
Lunch:			
Snack:			
Dinner:			
Snack:			

#### Workout

Start Time:

Finish Time:

Workout

Start Time:

Time | Distance | Intensity | Speed | Calories

Finish Time:

#### Cardio

Exercise	Time   Distance   Intensity   Speed   Calories	Notes

Strength					
Exercise	Kg   Reps				

Cardio

Exercise

Strength					
Exercise	Kg	Reps Kg R	leps Kg Reps	Kg   Reps	Kg   Reps

## **REST & RECOVERY**

#### STEPS TO SUCCESS

Rest days allow your muscles and endocrine system to bounce back. Additionally every 4-6 weeks you should have a light week to allow your body to adapt/improve, or else you will keep fatiguing and actually start to see a decrement in your performance in training and competition (i.e. overtraining).

Recovery sessions are a great idea on the day following big training sessions or races. This can include pool/ocean swim or light walking and mobilisation (try wearing compression gear) and help increase blood flow to the areas without causing further fatigue, allowing you to get back to training harder sooner.

Post session acute recovery techniques should be completed after every session and include your cool down exercises, nutritional supplementation (protein, simple carbohydrates, hydration and electrolytes) and contrasting temperature showering/ice baths.

Tapering should be factored into your competition training program. Depending on training load and the event, usually step back the training volume a week out from event.

Make sure you are getting at least 8 hours sleep a night for maximal physical recovery. When used well these rest days, recovery sessions and techniques, as well as tapering, will mean you recover better form every session, allowing you to train harder and avoid injury, thus optimising performance!

Purchase online at www.nxtlevelsport.co.nz

NEIL RUSSELL BA(Hons) HMS, AEP, MAAESS















**Performance related:** reduced performance, unexpected effort during training, that is, finding the same session more difficult; decreased work capacity and fatigue.

Physiological: increased basal metabolic rate, change in blood pressure. This is due to a decrease in LH and oestrogen which reduces the capacity of calcium and could lead to low bone mineral density, in some cases causing stress fractures. Other physiological symptoms may include decreased body fat and loss of coordination.

**Psychological:** change in sleep patterns, emotional instability, feeling of depression, fear of competition, lack of appetite, apathy and difficulty in concentrating.

**Biomechanical:** decreased muscle glycogen, decreased free testosterone, and increased cortisol levels, elevated C-reactive protein. The level of C-reactive protein rises when there is inflammation in the body.

Immunological: increased aches and pains, upper respiratory tract infection, suppression of the immune system, elevated chance of illness and colds and allergies. These symptoms occur because the body focuses more on the elimination of intracellular viruses and bacteria rather than that of extracellular pathogens.

#### **NUTRITION**

#### BALANCING THE FOOD GROUPS

#### **CARBOHYDRATES**

The facts: Carbohydrates are very important for athletes; they provide the most easily accessible form of energy for the body. Carbohydrates, when broken down, provide glucose that is absorbed into the blood. Some glucose remains in circulation to maintain healthy blood glucose levels (BGL), while the remainder is stored as glycogen in the muscles and liver (these storage facilities are limited) and overage is converted to fat for long-term storage.

Where to find carbohydrates: The best form of carbohydrates are those with a low GI and that exist naturally within nutrient dense foods, as opposed to "empty" sugars (e.g. refined sugar, cordial, lollies, soda etc.). Nutrient dense carbohydrates include those from vegetables, fruit, whole grains, legumes and low fat dairy. There are, however, special circumstances where rapidly absorbed simple sugars (e.g. those in sports drinks) are required to maintain energy during endurance events.

DAILY CARBOHYDRATE NEEDS FOR FUEL AND RECOVERY						
EXERCISE	SITUATION	CARBOHYDRATE TARGETS				
Rest day	Minimal activity	2-3g per kg BM				
Light	Low-intensity or skill-based activities	3-5g per kg BM				
Moderate	Moderate exercise programme (1 hr/day)	5-7g per kg BM				
High	Endurance programme (i.e. moderate to high intensity exercise of 1-3 hr/day)	6-10g per kg BM				

Extreme commitment (i.e. moderate to

high intensity exercise of >4-5 hr/day)

8-12g per kg BM

BM = Body Mass

Very High

#### **PROTFIN**

The facts: Proteins are made up of long chains of amino acids (the "building blocks" of proteins). Protein is required for multiple functions throughout the body. For an athlete, protein is most important for muscle repair and growth. If you're aiming to enhance strength, power and muscle size, then you need higher intakes of protein. Elite endurance athletes also have a huge protein demand due to the muscle breakdown that can occur during such events.

How much protein is enough? Many athletes tend to unnecessarily overdo their protein intake, consuming large doses of protein in the forms of large shakes and bars. Research, however, has shown that the benefit of protein consumption for recovery may be more in the timing than the quantity. A dose of 20g during and/or immediately after (within 20 minutes) of training tends to maximise protein synthesis rates. Supplementing with additional BCAAs will also greatly enhance muscle protein synthesis for efficient recovery and muscle growth.

RECOMMENDATIONS FOR PROTEIN INTAKE				
GROUP	PROTEIN INTAKE (g/kg/day)			
Non-active men and women	0.8 - 1.0			
Elite male endurance athletes	1.6			
Moderate intensity endurance athletes (a)	1.2			
Recreational endurance athletes (b)	0.8 - 1.0			
Football, power sports	1.4 - 1.7			
Resistance athletes (early training)	1.5 - 1.7			
Resistance athletes (steady state)	1.0 - 1.2			
Female athletes	~15% lower than male athletes			

(a) Exercising approximately 4 - 5 times per week for 45 - 60 mins

(b) Exercising 4 - 5 times per week for 30min at <55% VO2peak

TO MAXIMISE MUSCLE PROTEIN SYNTHESIS

20g protien







## **NUTRITION**

# SAMPLE DIET FOR A MODERATE TRAINING PROGRAM

#### **BREAKFAST**

- 2 pieces of wholegrain toast
- · 2 eggs, scrambled, poached or boiled
- ½ avocado (spread on toast)
- 1 large banana
- 1 glass fresh squeezed fruit juice
- Coffee

#### **MORNING SNACK**

- 1 apple
- 3 wholegrain crisp bread spread with nut butter

#### LUNCH

- Chicken and salad wrap made with:
- 1 lebanese bread
- ½ avocado
- · 100g chicken
- · Lettuce, tomato, cucumber, mushrooms
- Cheese

#### AFTERNOON SNACK

- Protein shake made with whole milk (or milk alternative)
- 1 handful raw almonds or small tin of tuna

#### DINNER

- 200g salmon or lean red meat (seasoned with herbs)
- 1 small sweet potato
- Broccoli
- 1 corn on the cob
- ½ cup carrots

#### EVENING SNACK/ DESSERT

- Fruit salad
- 200g natural yoghurt

#### **DRINKS**

- Aim to consume at least 2L of water/day
- Add an additional litre for every hour of physical activity

#### TRAINING APPROX. 1 HOUR/DAY

\*THIS DIET IS SUITABLE FOR A 70KG MALE AIMING TO BUILD MUSCLE MASS AND STRENGTH OR TRAIN FOR ENDURANCE EVENT.



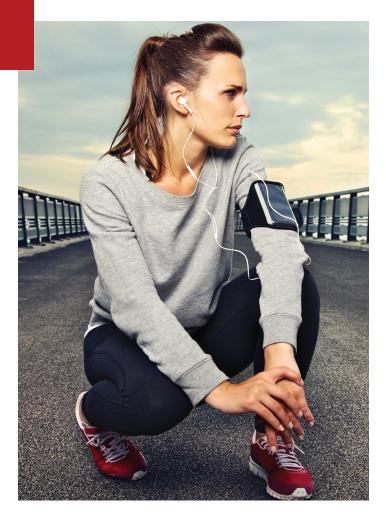
## **NUTRITION**

# EATING WELL + KEEPING HYDRATED

BCAAs naturally occur in a range of protein-containing foods including red meat, chicken, fish, eggs, certain nuts (e.g. peanuts and almonds), pure whey protein, lentils and specific beans (e.g. soy beans). In order to achieve therapeutic doses, BCAAs can also be taken as a supplement.

# Eating before training depends on the length of the training session:

- Training session 1 hour or less: a small snack 1 hour before will help with the energy levels for the session handful of raw nuts, seeds and dried fruit, banana, piece of toast.
- Training session 1.5 hours or more: 30-60g of carbohydrates need to be consumed per hour.
- Throughout long training sessions (i.e. those lasting longer than 1 hour), or endurance events, regular ingestion of carbohydrates, amino acids, water and electrolytes are shown to be beneficial.
- During these periods it is important to look for supplement options that are easily digested and absorbed in order to achieve benefit and reduce the risk of intestinal upset which can hinder your performance.



#### COMPETITION WEEK NUTRITION

To increase your glycogen (stored carbohydrates) levels, carbohydrate intake should be slowly increased during the week before the event.

Increase your carbohydrate intake to 50% of your daily calories for days 5-7 before the race. For days 1-3 increase carbohydrate intake by 70%.

For every gram of glycogen, the body holds 3g of water so up to 2kg can be gained over this period, with the extra water being beneficial for race day too.

