

intermittent fasting for runners

intermittent fasting for runners is a topic that has gained significant traction in the athletic community, sparking both enthusiasm and skepticism. As runners constantly seek ways to optimize performance, enhance recovery, and manage body composition, the appeal of a dietary strategy like intermittent fasting (IF) is understandable. This comprehensive guide delves into the science behind IF and its potential applications for individuals who run regularly, exploring how it might impact energy levels, fuel utilization, muscle adaptation, and overall running endurance. We will dissect various IF protocols, examine their suitability for different running disciplines, and critically assess the potential benefits and drawbacks, equipping you with the knowledge to make informed decisions about whether intermittent fasting is right for your running journey.

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Understanding Intermittent Fasting for Runners

Intermittent fasting is not a diet in the traditional sense, dictating what foods to eat, but rather an eating pattern that cycles between periods of voluntary fasting and non-fasting. For runners, this means strategically structuring their daily or weekly food intake around specific time windows. The core principle is to give the body extended breaks from digestion, which some proponents suggest can lead to various physiological adaptations beneficial for athletic performance. Understanding these fundamental concepts is crucial before considering its adoption.

The human body has evolved to handle periods of scarcity, and intermittent fasting aims to mimic these evolutionary pressures in a controlled manner. During fasting periods, the body's insulin levels drop, signaling a shift from burning glucose for energy to burning stored fat. This metabolic flexibility, the ability to efficiently switch between burning carbohydrates and fats, is often a key focus for endurance athletes. Runners, in particular, can benefit from enhanced fat utilization, as it allows them to spare glycogen stores, potentially delaying the onset of fatigue during long runs.

Benefits of Intermittent Fasting for Running Performance

The potential advantages of intermittent fasting for runners are multifaceted and extend beyond simple weight management. Research and anecdotal evidence suggest improvements in several key areas that directly influence running capabilities. Exploring these benefits can help runners understand why IF has become such a popular topic.

Enhanced Fat Metabolism and Glycogen Sparing

One of the most frequently cited benefits of intermittent fasting for runners is its potential to improve fat metabolism. When the body is in a fasted state for an extended period, it is more inclined to tap into its fat reserves for energy. This increased reliance on fat as a fuel source can be particularly advantageous for endurance runners, as it helps to preserve muscle glycogen stores. Glycogen is the body's primary form of stored carbohydrate, and depleting these stores is a major contributor to fatigue during prolonged exercise, often referred to as "hitting the wall." By becoming more efficient at burning fat, runners can potentially extend their endurance capacity and delay this phenomenon.

Improved Insulin Sensitivity

Intermittent fasting has been shown to improve insulin sensitivity, a crucial factor for overall metabolic health and energy regulation. When insulin sensitivity is high, the body's cells respond more effectively to insulin, allowing for better glucose uptake and utilization. For runners, this can translate to more stable blood sugar levels, which helps prevent energy crashes during training and races. Furthermore, improved insulin sensitivity is linked to better nutrient partitioning, meaning the body is more efficient at directing nutrients towards muscle repair and growth rather than fat storage.

Cellular Repair and Autophagy

During fasting periods, the body initiates a process called autophagy, a cellular "clean-up" mechanism. Autophagy removes damaged cells and recycles cellular components, promoting cellular regeneration and repair. For runners, this enhanced cellular repair process can contribute to faster recovery between training sessions, reduced inflammation, and potentially a lower risk of injury. By clearing out cellular debris, the body can function more

optimally, leading to improved performance over time.

Potential for Improved Body Composition

Many runners are interested in optimizing their body composition, aiming for a leaner physique that can enhance running efficiency. Intermittent fasting, when combined with appropriate nutrition, can be an effective tool for fat loss while preserving lean muscle mass. By reducing overall calorie intake through shorter eating windows and promoting fat oxidation, IF can help runners achieve a more favorable power-to-weight ratio, which is critical for speed and endurance. It's important to note that calorie deficit is the primary driver of fat loss, and IF is a framework that can help achieve this.

Potential Drawbacks and Risks for Runners

While intermittent fasting offers several promising benefits for runners, it is not without its potential downsides and risks. It is essential for runners to be aware of these challenges and to approach IF with caution and proper planning to mitigate any negative impacts on their training and well-being.

Performance Decline During Initial Adaptation

During the initial stages of adopting an intermittent fasting protocol, runners may experience a temporary decline in performance. This is often due to the body adapting to a new metabolic state, particularly the shift from readily available glucose to fat for fuel. Some individuals might feel lethargic, experience reduced endurance, or find their usual pace harder to maintain. This adaptation period can vary significantly from person to person, and patience is key.

Risk of Nutrient Deficiencies

If not carefully managed, intermittent fasting can increase the risk of nutrient deficiencies. With a restricted eating window, it can be challenging to consume an adequate amount of all essential vitamins, minerals, and macronutrients required for optimal athletic performance and recovery. Runners have higher nutritional demands than sedentary individuals, and skimping on nutrient-dense foods during the eating window can have detrimental effects on energy levels, immune function, and muscle repair.

Dehydration and Electrolyte Imbalances

Staying adequately hydrated is paramount for runners, and fasting periods can make it more challenging to meet fluid and electrolyte needs. While water is typically allowed during fasting, it's easy to overlook the importance of electrolyte intake, especially during prolonged exercise or hot weather. Imbalances in electrolytes like sodium, potassium, and magnesium can lead to cramps, fatigue, and heat-related illnesses.

Impact on Hormonal Balance

For some individuals, particularly female athletes, extended fasting periods may disrupt hormonal balance. This can affect menstrual cycles, thyroid function, and cortisol levels, all of which are crucial for overall health and athletic performance. Runners experiencing any signs of hormonal disruption should consult with a healthcare professional.

Difficulty Meeting Energy Demands for High-Intensity Training

Intermittent fasting might not be ideal for runners who regularly engage in very high-intensity training sessions or back-to-back hard workouts. These training modalities rely heavily on readily available carbohydrate stores for fuel. If a runner is in a fasted state before or during such sessions, their ability to perform at their peak may be significantly compromised due to insufficient glycogen availability. Careful timing of workouts relative to eating windows is critical.

Different Intermittent Fasting Methods for Runners

Several popular intermittent fasting methods can be adapted for runners, each with its unique structure. The choice of method often depends on individual preferences, training schedules, and how the body responds. It's important to select a protocol that aligns with your running goals and lifestyle.

The 16/8 Method

The 16/8 method involves fasting for 16 hours each day and restricting the eating window to 8 hours. For instance, a runner might eat between 12 PM and

8 PM, fasting from 8 PM until noon the next day. This is often considered one of the more sustainable IF methods for runners as it allows for three moderate meals within the eating window and can be easily integrated into a daily routine. The longer fasting period allows for metabolic shifts, while the 8-hour eating window provides ample opportunity to refuel.

The 5:2 Diet

The 5:2 diet involves eating normally for five days of the week and restricting calorie intake to approximately 500-600 calories on two non-consecutive days. This approach can be suitable for runners looking for a more flexible IF strategy. On fasting days, runners would need to be particularly mindful of their nutrition, prioritizing nutrient-dense foods to support their training. It's crucial to schedule intense workouts on non-fasting days to ensure adequate energy availability.

Eat Stop Eat

Eat Stop Eat involves a 24-hour fast once or twice a week. For example, a runner might finish dinner on Monday and not eat again until dinner on Tuesday. This method provides a longer fasting period, potentially leading to greater metabolic adaptations. However, it requires careful planning to ensure adequate nutrition and hydration on non-fasting days and to manage energy levels around the fasting period. Scheduling this method around key training sessions or races requires significant foresight.

Alternate-Day Fasting

Alternate-day fasting involves alternating between days of normal eating and days of very low calorie intake or complete fasting. While this method can lead to significant calorie deficits, it may be too extreme for many runners, potentially impacting recovery and performance due to prolonged periods of very low energy availability. It requires meticulous attention to nutrient timing and composition on eating days.

Implementing Intermittent Fasting Safely for Runners

Successfully integrating intermittent fasting into a runner's lifestyle requires a strategic and cautious approach. Prioritizing safety and listening to your body are paramount to avoid negative consequences and to maximize

potential benefits. It's not a one-size-fits-all approach.

Consult with a Healthcare Professional or Registered Dietitian

Before embarking on any intermittent fasting regimen, it is highly recommended that runners consult with a healthcare professional or a registered dietitian specializing in sports nutrition. They can assess individual health status, training load, nutritional needs, and potential risks. This professional guidance ensures that IF is implemented safely and effectively, tailored to the runner's specific circumstances, and addresses any pre-existing conditions or concerns.

Start Gradually and Listen to Your Body

The transition to intermittent fasting should be gradual. Instead of jumping into a strict 16/8 protocol immediately, start with shorter fasting windows, such as 12 hours, and progressively increase the duration as your body adapts. Pay close attention to how you feel during training sessions, recovery, and overall energy levels. If you experience persistent fatigue, dizziness, or performance degradation, it may be a sign that the current IF protocol is not suitable or needs adjustment.

Prioritize Nutrient Density During Eating Windows

When your eating window opens, it is crucial to focus on consuming nutrient-dense foods that provide the necessary fuel and building blocks for your running performance and recovery. This means prioritizing whole foods rich in lean proteins, complex carbohydrates, healthy fats, vitamins, and minerals. Avoid empty calories from processed foods and sugary drinks, which offer little nutritional value and can hinder progress.

Stay Adequately Hydrated

Hydration is non-negotiable for runners, especially when practicing intermittent fasting. During fasting periods, aim to drink plenty of water, herbal teas, or black coffee. Consider incorporating electrolyte-rich fluids, particularly during warmer weather or after intense workouts. Dehydration can significantly impair performance, increase the risk of heatstroke, and exacerbate fatigue.

Timing Workouts Strategically

The timing of your workouts relative to your eating window is critical. For many runners, it is beneficial to schedule moderate to hard training sessions towards the end of their fasting period or within their eating window. This allows the body to utilize stored energy (glycogen or fat) during the workout and then replenish those stores immediately afterward. Very long or intense workouts may be best performed after a pre-workout meal to ensure adequate fuel availability.

Nutrition Strategies While Fasting and During Eating Windows

The success of intermittent fasting for runners hinges not only on the timing of meals but also on the quality and composition of the food consumed. Strategic nutrition planning is essential to support energy demands, recovery, and overall health.

During the Fasting Window

During the fasting window, the primary focus is on hydration and avoiding caloric intake. Runners can consume plain water, black coffee, and unsweetened tea. These beverages do not typically break a fast and can help manage hunger and maintain hydration. Some individuals find that black coffee can also provide a mild energy boost and suppress appetite due to its caffeine content. It is crucial to avoid any artificial sweeteners or calorie-containing additives, as these can trigger an insulin response and disrupt the fasted state.

During the Eating Window

The eating window is when runners must be diligent about meeting their nutritional requirements. The goal is to consume enough calories and micronutrients to support training, recovery, and daily bodily functions. This typically involves a balanced intake of macronutrients:

- **Proteins:** Essential for muscle repair and growth. Lean sources like chicken, fish, lean beef, eggs, dairy, and plant-based proteins (beans, lentils, tofu) should be prioritized.
- **Complex Carbohydrates:** Provide sustained energy. Opt for whole grains, sweet potatoes, quinoa, oats, fruits, and vegetables. Timing

carbohydrate intake around workouts can be particularly beneficial.

- **Healthy Fats:** Crucial for hormone production and nutrient absorption. Include sources like avocados, nuts, seeds, olive oil, and fatty fish.

Runners should aim for nutrient-dense meals that are satisfying and provide a broad spectrum of vitamins and minerals. This often means planning meals in advance to ensure that all nutritional needs are met within the designated eating period.

Pre- and Post-Workout Nutrition

Timing your pre- and post-workout nutrition around your IF schedule is a key strategy. For runs occurring during or shortly after the fasting period, a small, easily digestible carbohydrate source might be considered closer to the end of the fast if performance is a concern. However, for many, running on an empty stomach is feasible. The post-workout meal is critical for recovery. Aim to consume a combination of protein and carbohydrates within 30-60 minutes after finishing your run to replenish glycogen stores and initiate muscle repair. This meal should fall within your established eating window.

Intermittent Fasting and Different Types of Running

The suitability and implementation of intermittent fasting can vary significantly depending on the specific type of running a person engages in. Endurance events, sprints, and recreational running each present unique energy demands and recovery needs that must be considered.

Endurance Running (Marathons, Ultras)

For endurance runners, intermittent fasting, particularly methods that promote fat adaptation like the 16/8 or Eat Stop Eat, can potentially offer benefits in terms of glycogen sparing and improved fat utilization. Long runs and ultra-marathons require sustained energy over many hours, making the ability to efficiently tap into fat stores a significant advantage. However, hydration and electrolyte management during these prolonged efforts, especially if they occur during fasting periods, are paramount. Runners undertaking significant training for these events may need to adjust their IF protocols to ensure adequate fueling before and after key long runs.

Middle-Distance and Track Running (5k, 10k, Sprints)

Middle-distance and shorter, higher-intensity running events (e.g., 5k, 10k, track workouts) rely more heavily on anaerobic energy systems and readily available carbohydrate stores (glycogen). While IF can still be beneficial for overall metabolic health, runners focusing on these disciplines might find that prolonged fasting before intense workouts compromises their ability to perform at peak capacity. They may need to ensure their eating window includes a substantial pre-workout meal rich in carbohydrates to fuel these efforts. Some runners may find that a shorter fasting window or even forgoing IF on high-intensity training days is more beneficial for performance in these disciplines.

Recreational and Casual Running

For recreational runners who engage in running for general fitness, health, and enjoyment, intermittent fasting can be a more flexible and less performance-critical dietary strategy. The demands on the body are generally lower, making it easier to adapt to IF without significant negative impacts on performance. For this group, IF can be a convenient way to structure eating habits, potentially aid in weight management, and improve metabolic markers. Listening to their bodies and ensuring they feel energetic and enjoy their runs remains the primary goal.

Frequently Asked Questions about Intermittent Fasting for Runners

Q: Can intermittent fasting improve my running endurance?

A: Intermittent fasting may improve running endurance by enhancing fat metabolism and glycogen sparing, allowing your body to become more efficient at using fat for fuel during prolonged efforts. This can potentially delay fatigue and allow you to run for longer periods before depleting your glycogen stores.

Q: When should I schedule my runs if I'm doing intermittent fasting?

A: Many runners find success scheduling their runs towards the end of their fasting period or within their eating window. Running towards the end of a fast can encourage fat utilization, while running within the eating window allows for immediate post-run refueling. For very intense or long runs,

consuming some carbohydrates before the run, if your eating window allows, is often recommended.

Q: What are the potential risks of intermittent fasting for runners?

A: Potential risks include decreased performance during the adaptation phase, risk of nutrient deficiencies if the eating window is not well-managed, dehydration and electrolyte imbalances, and potential disruption of hormonal balance, especially in female athletes. Careful planning and listening to your body are crucial to mitigate these risks.

Q: Is intermittent fasting suitable for marathon runners?

A: Yes, intermittent fasting can be suitable for marathon runners, particularly for improving fat adaptation. However, it requires meticulous planning, especially regarding hydration and fueling around long training runs and the race itself. Many marathoners experiment with IF during their base training phase and adjust their approach closer to race day.

Q: Should I break my fast if I feel low energy during a run?

A: If you experience persistent low energy, dizziness, or significant performance decrements during your runs, it is advisable to reassess your intermittent fasting protocol. You might need to shorten your fasting window, consume a small amount of easily digestible carbohydrates before or during your run, or consider a different IF approach that better suits your training demands. Prioritizing your health and performance is key.

Q: What are the best foods to eat during my eating window as a runner practicing IF?

A: Focus on nutrient-dense whole foods. Include lean proteins (chicken, fish, eggs), complex carbohydrates (whole grains, sweet potatoes, fruits), and healthy fats (avocado, nuts, seeds, olive oil). Ensuring adequate intake of vitamins, minerals, and electrolytes is vital for recovery and performance.

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intermittent fasting for runners: The Ultimate Ultra Running Handbook Claire Maxted, 2024-09-12 A practical, accessible training guide for any runner looking to take up the challenge of ultra-running. From runners looking for the challenge of their first ultra running event (anything longer than a marathon distance), to more seasoned long distance runners looking to improve their time or recovery, this book is your must have resource. Packed with training, nutrition, skills, gear and motivation advice - it has all you need to become a more confident ultra runner. This book takes you through the best kit, why to take on an ultra, where to run - both locally and globally, how to get faster and run further, how to find the time to train, training plans from 50k to 160k, as well as advice on overtraining and much more. Completed with inspirational photos, illustrations and case studies from ultra runners of diverse backgrounds, alongside tips and advice from pros and coaches across the sport.

intermittent fasting for runners: 31 Clean Eating & Cleanse Recipes For Intermittent Fasting Juliana Baldec, 2014-03-31 This is a 3 In 1 box set compilation of 3 books. This compilation includes Juliana Baldec's 3 titles: Book 1: Juicing Recipes For Vitality & Health Book 2: Clean Eating Book 3: Smoothies Are Just Like You! Book 1 & 2: When Juliana got started with juices & smoothies, she was able to shed 20 pounds during a period of 2 month. Since then she has been able to keep that weight off. Her secret: She turned these nutritious & satisfying drinks into a way of life. Combining juices, smoothies, her secret morning elixir (included) & a light meal plan has helped her not only lose 20 pounds within 60 days, but she was also been able to get rid of her nasty breathing & Asthma problems at the same time. Inside you will find the same recipes that helped Juliana achieve these results: * Fruity Furnace Fat-burning Nutriblast * Life Boost Blaster * Exotic Strawberry Raspberry Vitality Drink and many more... you can choose from many more of these scrumptious tasting soothie and juicing recipes inside... These tasty & unique 5 minute quick & no-fail recipes are going to transform your body into a healthy, toxin free, lean and clean body in a truly satisfying way. Book 3: Smoothies Are Like You is an extremely fun, quick & easy to read little rhyming book about the amazing Smoothie Lifestyle. It is for everyone no matter if you are looking for information about the Smoothie diet for beginners or if you are an advanced Smoothie consumer. This inspirational smoothie poem a day book will cheer you up and keep you motivated to stick to this happy & healthy

smoothie lifestyle in a fun, inspirational and rhyming way! In the end you'll know exactly why Smoothies are like you! Live a happy & healthy lifestyle and double your life today...

intermittent fasting for runners: The magical power of Fasting and intermittent Fasting

David De Angelis, Herbert M. Shelton, 2023-12-16 The purpose of this book is to give you an insight into the enormous benefits that the ancient but increasingly current practice of FASTING, both in its prolonged and intermittent modes, can offer you. Is there a Secret that allows you to lose weight quickly and steadily, while continuing to eat your favorite meals and in the quantity you desire? Imagine that there is an eating pattern that allows you to lose weight incredibly fast and without counting calories, keep it off, and benefit from a longer and healthier life. This Secret is the DIGIUNE! Fasting represents an Ancient Secret (because it has been used since ancient times), but rediscovered only in modern times and increasingly supported by numerous scientific researches supporting its validity and effectiveness, not only in terms of weight loss (fat mass), but also in terms of longevity, physical and mental well-being. In this extraordinary book, the two authors, well-known experts in the field, will give you a complete and comprehensive overview of why and how Fasting works, in its different modes of Intermittent and Prolonged Fasting. Contains the two books: THE 80/20 PARETO DIET by David De Angelis FASTING CAN SAVE YOUR LIFE by Herbert M. Shelton

intermittent fasting for runners: Optimizing Physical Performance During Fasting and Dietary Restriction Ezdine Bouhlef, Roy J. Shephard, 2015-08-18 Optimizing Physical Performance During Fasting and Dietary Restriction examines the effects of sustained fasting and food restrictions on metabolism and physical performance in athletes. It provides broad coverage including both religious and non-religious fasting and dietary restrictions. This practical and evidence-based guide outlines recent findings

intermittent fasting for runners: Becoming a Sustainable Runner Tina Muir, Zoë Rom, 2023-08-01 Becoming a Sustainable Runner is not just another running guide on developing the physical attributes to run faster or longer. What it will help you achieve is a newfound purpose that merges your passion for running with your concern for your health, your community, and the environment. It weaves together concepts of internal and external sustainability in a way that will help you run, think, and act in a way that is in line with your values. Divided into three parts, the book begins by giving you the tools to find excitement and joy in your runs and sustain your running for the long term. These include acknowledging stressors, setting new challenges, changing where you run and who you run with, and prioritizing physical and mental rest to minimize the risk of injury, illness, and burnout. Next, discover ways to enrich your running through personal connections. Learn about the importance of joining or forming a running community that fosters camaraderie with others who believe in the power of service and in giving back in meaningful and impactful ways. Then, tap into your passion to sustain our planet. Know what it means to be an eco-conscious traveler, make environmentally friendly choices about where you run and the products you use, and reduce your carbon footprint through the 3R's: reducing, reusing, and recycling. Throughout the book you'll enjoy stories from the authors about their personal challenges and triumphs as runners and stewards of the environment. Quotes and insights from well-known runners who are also climate change and environmental justice advocates underscore the breadth and depth of the issues facing us all. As a runner, you have the power to change the world for the better. Becoming a Sustainable Runner provides actionable steps to help you do just that.

intermittent fasting for runners: Intermittent Fasting Science Cassian Pereira, AI, 2025-03-14 Intermittent Fasting Science explores the science behind strategically timed fasting and its impact on health and longevity. Delving into the cellular mechanisms, the book reveals how intermittent fasting affects processes like autophagy, a cellular cleanup process. It also examines how fasting influences glucose regulation and lipid profiles, impacting metabolic health. The book adopts a fact-based approach, drawing from peer-reviewed studies to analyze various intermittent fasting protocols, including time-restricted eating and alternate-day fasting. The book progresses from fundamental concepts to detailed sections on cellular mechanisms, metabolic effects, and long-term health outcomes. It emphasizes a personalized approach, tailoring intermittent fasting

plans to individual needs while also mentioning limitations and risks.

intermittent fasting for runners: Intermittent Fasting Cookbook for Working People Healthy Food Lounge, 2024-07-03 Intermittent Fasting Cookbook for Working People: 400 Delicious Recipes for Healthy Weight Loss Using the 16:8 or 5:2 Method, Including Nutritional Information - Effective, Sustainable and Quick Discover a rich selection of 400 delicious recipes designed for healthy weight loss using the 16:8 or 5:2 intermittent fasting methods in our Intermittent Fasting Cookbook for Professionals. Perfectly adapted to the hectic everyday life of working individuals, this cookbook provides essential nutritional information for effective, sustainable, and quick intermittent fasting. Whether you are new to intermittent fasting or an experienced faster, our book offers inspiration for personalized fasting plans tailored to the needs of working people. Dive into the world of healthy weight loss and learn about the benefits of intermittent fasting, whether for long-term dietary changes or short-term weight loss. Our recipes are not only geared towards weight loss but also consider the time constraints of a busy working life, promoting overall well-being. Use our cookbook as your practical guide to maintaining a healthy lifestyle, even with a hectic schedule. From 24-hour fasting to quick, easy-to-prepare recipes for working people, you'll find everything you need here. The book is complemented by Drink Yourself Healthy: Vitamin Water with Fruit and Herbs. Open the doors to conscious nutrition and experience the transformative power of intermittent fasting with us in the Healthy Food Lounge. Take the step towards healthy weight loss, specially tailored to the busy lives of working people, and discover the joy of intermittent fasting!

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diets — all within our Intermittent Fasting Cookbook. Order now and embark on the captivating journey of intermittent fasting!

intermittent fasting for runners: Intermittent and Periodic Fasting, Aging and Disease Krista Varady, Emily N.C. Manoogian, Valter D. Longo, 2024-06-07 This book is a comprehensive exploration of the science and clinical applications of fasting, with a particular focus on its effects on body weight and metabolic disease risk factors. It delves into various fasting methods, including time-restricted eating, intermittent fasting, alternate day fasting, and periodic fasting. The key concepts explored in this book include the physiological and cellular adaptations to different types of fasting, their impact on body weight and metabolic health, and their potential role in longevity, aging and disease prevention. The book addresses critical questions such as: What are the safety and efficacy of time-restricted eating? How does alternate day fasting affect body weight and metabolic disease risk factors? What are the evolutionary perspectives explaining the clinical benefits of periodic fasting? And how effective is periodic fasting in treating human chronic diseases? This book is aimed at healthcare professionals, researchers, nutritionists, and anyone interested in understanding the science behind fasting. Readers with a scientific or professional background will appreciate the rigorous research and clinical studies presented in this book. They will learn about the latest findings in this field and gain a deeper understanding of how different types of fasting can impact health, wellbeing and aging.

intermittent fasting for runners: The Mediterranean Diet For Men Over 50 Patrick Thompson, 2021-07-06 Men over 50 are demographic that tends to be forgotten when it comes to health and wellness, but there has been a significant increase in understanding how our nutritional needs change as we age. The Mediterranean Diet is catch-all term for the diet of nations along the Mediterranean sea. It emphasises wholegrains, includes plenty of fruits and vegetables, has room for poultry and lots of oily fish, and allows a moderate intake of red wine if that's your thing. While this diet is no miracle pill that will help you lose weight, you do stand to gain a lot of health benefits from following it! The Mediterranean Diet is easy to follow and can help to improve your general health and wellbeing. This book covers a general introduction to the diet, including advice regarding intermittent fasting and sample recipes for your personal use. You will also find some general advice on different types of exercise that you may or not want to implement in your daily life. Most of what you will find between these pages comes from a mix of personal experience following the diet and research into its benefits. Before we get into it, there are a couple of general 'rules' to follow when preparing your meals. Around half of your plate should consist of non-starchy vegetables, a quarter should be healthy proteins, and the remaining quarter should be wholegrains. The main thing is you get it all in your diet!

intermittent fasting for runners: Runner's High Josiah Hesse, 2021-09-14 Michael Pollan's How to Change Your Mind meets Christopher McDougall's Born to Run in this immersive, investigative look at the hidden culture of cannabis use among elite athletes (as well as weekend warriors)--and the surprising emerging science behind the elusive, exhilarating runner's high they all seek. Pot makes exercise fun. The link between performance enhancement and cannabis has been an open secret for many years, so much so that with the wide-sweeping national legalization of cannabis, combining weed and working out has become the hottest new wellness trend. Why, then, is there still a skewed perception around this leafy substance that it only produces the lazy, red-eyed stoner laid out on a couch somewhere, munching on junk food? In fact, scientists have conducted extensive research that uncovers the power of the runner's high--the true holy grail of aerobic activity that was long believed to be caused by endorphins. In an extraordinary reversal, scientists believe marijuana may actually be the key to getting more Americans off their phones and on to their feet. In Runner's High, seasoned investigative journalist Josiah Hesse takes readers on a journey through the secret world of stoned athletes, describing astounding, cannabis-inspired physical and mental transformations, just like he experienced. From the economics of the \$20 billion CBD market to the inherent inequalities in the enforcement of marijuana prohibition; from the mind-body connection behind the runner's high to the best way to make your own cannabis-infused power bars;

Runner's High takes this groundbreaking science out of the lab and onto the trail, court, field, and pitch, fundamentally changing the way we think about exercise, recovery, and cannabis.

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about starving yourself. However, this is not the case. Intermittent fasting, is a new approach promoting healthy dieting habits which both in the short and long run, in addition to helping with weight loss, also bring numerous other health benefits. The main idea behind intermittent fasting is that you keep your current eating habits without changing what you eat, but making some changes regarding when you eat. Struggling to lose weight despite making sacrifices and despite cutting your daily calorie intake? Struggling to stay in shape in the long run while following those popular dieting plans? Sound familiar? If it does, intermittent fasting may be the change you need to embrace. Unlike other dieting plans, intermittent fasting does not tell you what to eat, but when to eat. Therefore, it is more of a lifestyle than a dieting plan. By embracing intermittent fasting, you get to enjoy your favorite foods, but you just balance your daily meals following a simple, yet effective, dieting plan. As you work on balancing your meals, you get to burn fat, shed additional pounds, slow down those aging processes, keep your hormones balanced and finally live a healthier life. Inside You Will Discover The importance of good nutrition How nutrients affect your overall health state What fasting is, fasting benefits and related risks The science behind fasting How to avoid common mistakes when embracing intermittent fasting Your 30-day intermittent fasting challenge for weight loss And much, much more... Get this book NOW, embrace powerful intermittent fasting strategies, reach your desired weight, heal your body and live a healthy life!

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