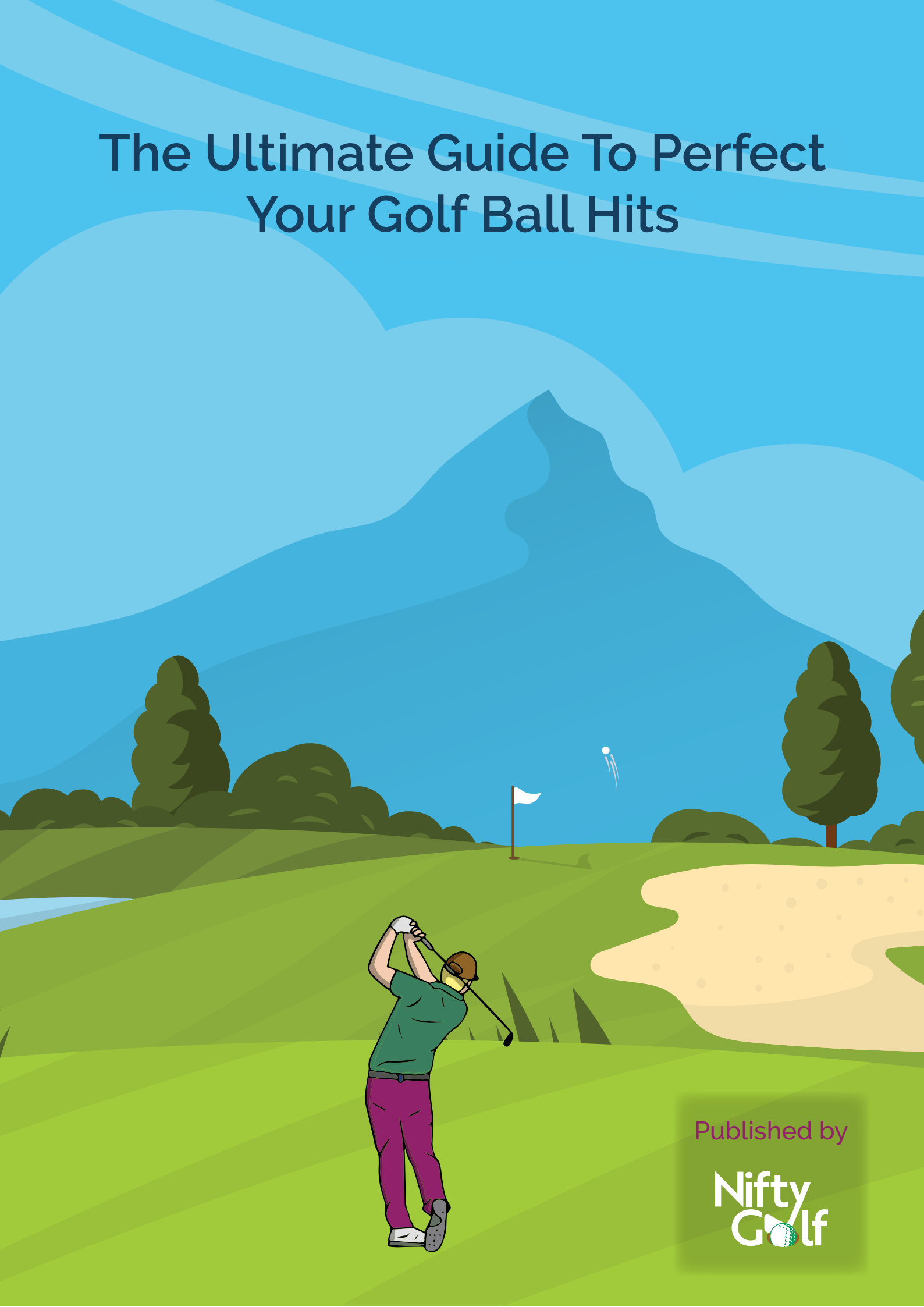


The Ultimate Guide To Perfect Your Golf Ball Hits



Published by

Nifty
Golf

Golf can't be played under the rain, as a result, many golfers pass a boring time in the rainy season and miss the golf course. In today's world, golf lovers have chosen an alternative indoor system to continue their favorite sport in the off-season and it's well known as a golf simulator.

Not only this, What if you don't have a good course in your area or even within a short distance? What if you're stuck at the workplace and don't have time to play a full 18 holes? These are the reasons behind simulators creating a buzz among golf enthusiasts for many years. They love to play in golf simulators at that time.

But more importantly, most professionals, as well as beginners, use a golf simulator to record, analyze their performance so that they can improve themselves based on that output. As a golfer or even as a golf enthusiast, you may want to learn the golf simulators and use the top golf simulators. This article will be providing complete guidance and information about golf simulators. Here we will feature, how simulators work, how you can set up a simulator, does it really help to improve golf performance, and lots more.

Table of Index

1	What is a Golf Simulator?.....	00
2	How Do Golf Simulators Work?.....	00
3	How Accurate Are Golf Simulators?.....	00
4	How to Build Your Own Golf Simulator.....	00
5	Top Brands of Golf Simulators.....	00
6	How to Build a Golf Simulator Enclosure.....	00
7	How to Make a Golf Mat.....	00

Table of Index

8	How to Make Indoor Putting Green.....	00
9	Benefits of Golf Simulators.....	00
10	Frequently Asked Question on Golf Simulators.....	00

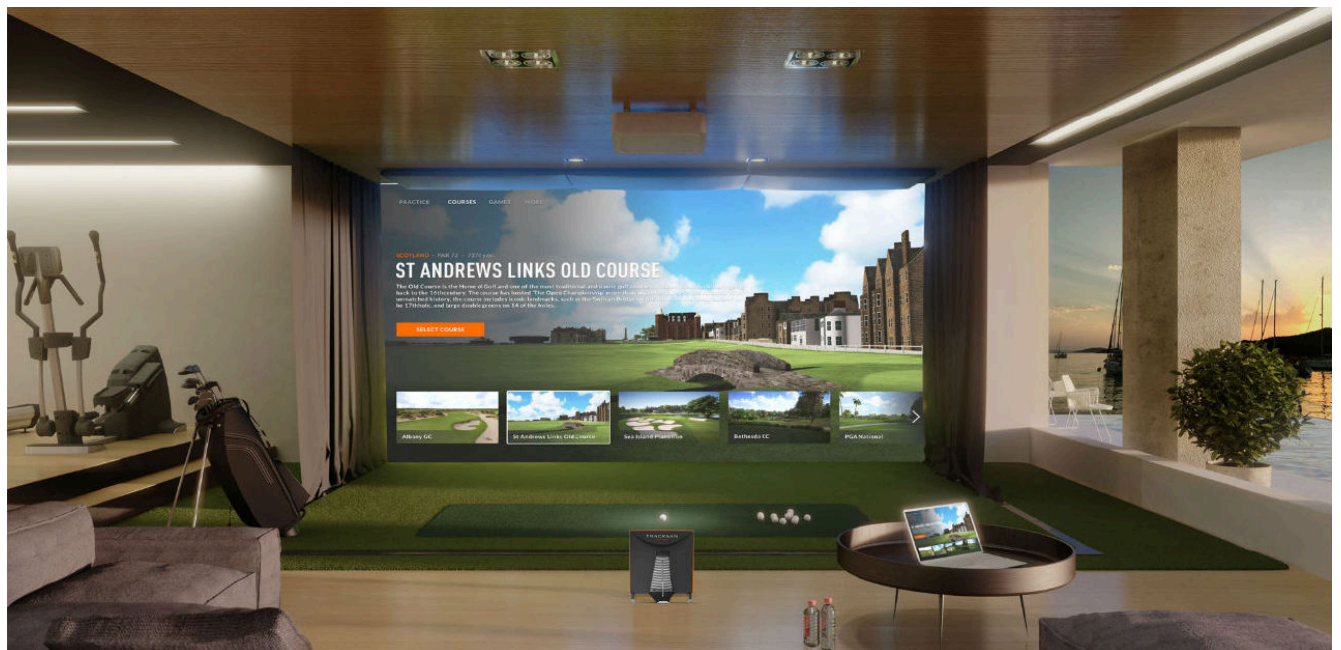
WHAT IS A GOLF SIMULATOR?

The golf simulators are technologically advanced machines consisting of hardware (i.e. simulator mats, sonic sound system, optical sensor system, radar, ball tracking system and cameras) and software that can sense, record, and analyze your swing and show you results like club speed, clubface angle and impact, club path, ball path, ball speed, horizontal and vertical launch angle, spin, and so on.

Wikipedia defines, "A golf simulator is a set of equipment that allows you to play golf on a graphically simulated golf course." The history of the golf simulator is perhaps unimaginable for many of us. Golf Simulator was first introduced in 1970. Since then it has improved beyond expectations.

In a simulator system, you can play golf regardless of weather & time. You can also enjoy your golf in a limited space by using a golf simulator. Let's be more specific.

Nowadays golf simulators are capable of representing realistic virtual graphics too. And the days might not be too far when augmented reality will be used in golf simulators. Just like Computers, PlayStations, or even Telephones, Golf Simulators have come a long way with technological advancements.



A complete golf simulator includes

A golf simulator is a set of golf equipment made for playing golf indoors with a technical system of advanced technology (combining hardware and software) in which a golfer can play on a graphically or photographically simulated driving range or golf course. In other words, a golf simulator is a package. A complete package of golf simulator includes the following equipment:

- 1x Golf Hit Mat
- 1x Projector Screen
- 1x Projector
- 1x Golf Hitting Net
- 1x Simulator Enclosure
- 1x Simulator or launch monitor
- Computer or Smartphone
- Golf Simulation Software (as needed)

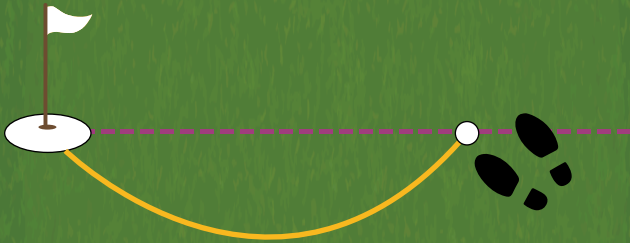
Body alignment to the target

If you are hitting with a well-balanced position, but you don't know where your target is, you will have a hard time scoring.

Let's, get this straight. Your shoulders, hips, knees, and feet should be placed parallelly to your target.

The chances of miss-hits will be minimized with this tactic.

Plan your shots and make yourself as best as possible to be in alignment with your target.





Learn to hit with a driver

Is it different to hit with a driver? What do we have to do to get those awesome driver shots?

Let's find out

Hitting from the Tee box

Anyone hitting from the tee has an added advantage. This is the only position in golf where the ball is already in the air.

But you need to tee up the golf ball properly. If the ball is lower or higher than your golf club, you will lose some leverage.

The ball should be placed in such a way that it is not lower than the clubface center and not higher than the top of the golf club.

Ah! So, you might wonder why do we have to use a tee at all?

The reason is just that of the lower loft of drivers. Without using a tee, you cannot get the ball high in the air. And that's also a reason you cannot use drivers outside the tee box.





Ball position in the tee box

Use the instruction we mentioned in the first section of this guide.

Now you can adjust the ball position between your feet.

The ball should be placed in front of your stance, a little forward. This is because of the extended length of the driver. So, placing the ball forward will help you make good contact.

Your body should be in such a position that the golf ball along with the tee is near your lead foot.

We have seen beginners keeping the ball near the back foot. This is a wrong position and will give you hard times getting the ball in the air.

Getting the accuracy right

If you hit hard, but your shots are moving everywhere, then there's no point practicing.

A little adjustment of the grip will help you achieve more accuracy.

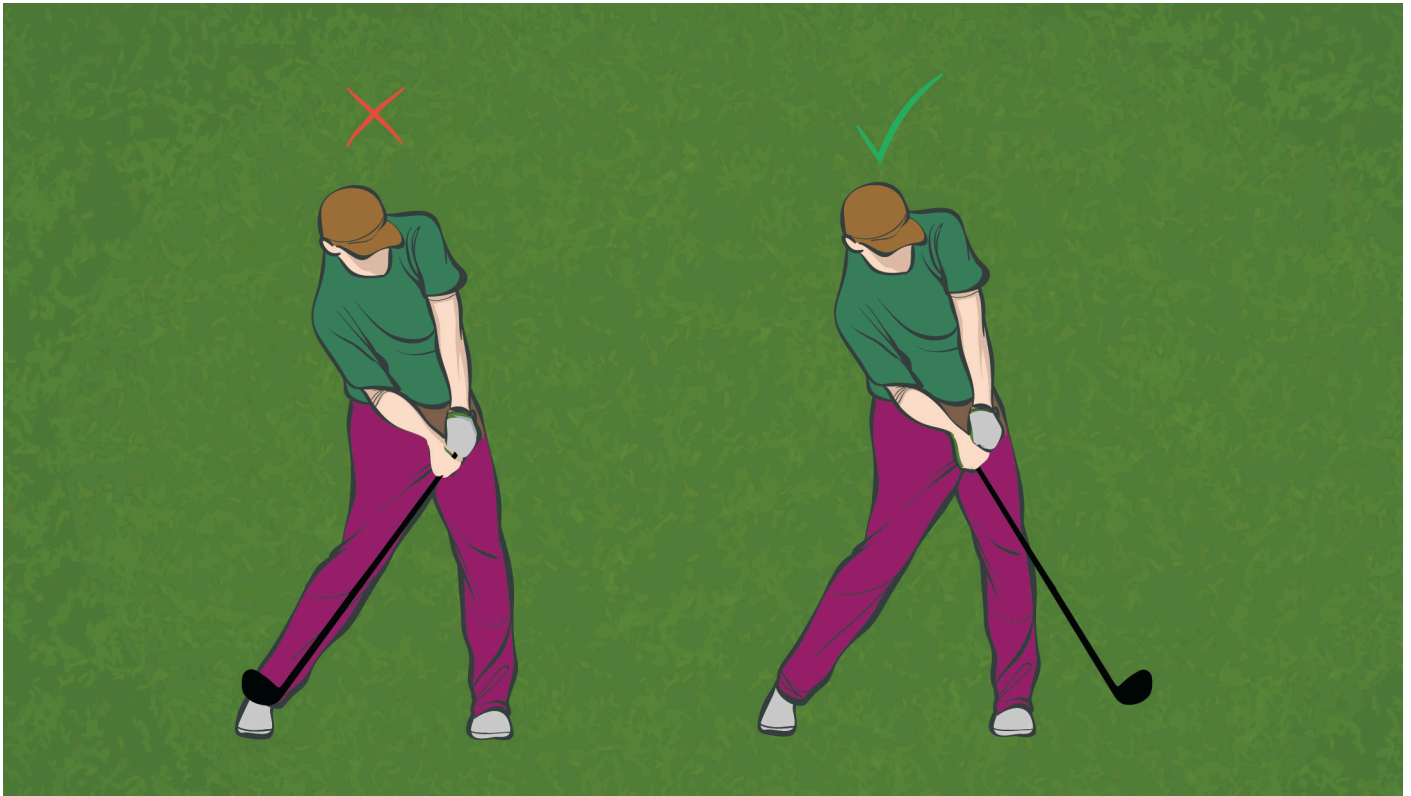
For this, you need your lead hand and the club to be at a straight line when hitting the ball.

This means the ball, club, and your lead shoulder are in a straight line and that can help you hit very straight.

Now that the alignment is right you can add a little tilt to your lead shoulder.

The tilt means that your trail shoulder should be lower than your lead shoulder.

That 300-yard shot will become more comfortable with this tilt. You can practice it by pouring some water on your lead shoulder. If it drains down to your trail shoulder, then you have created that tilt successfully.



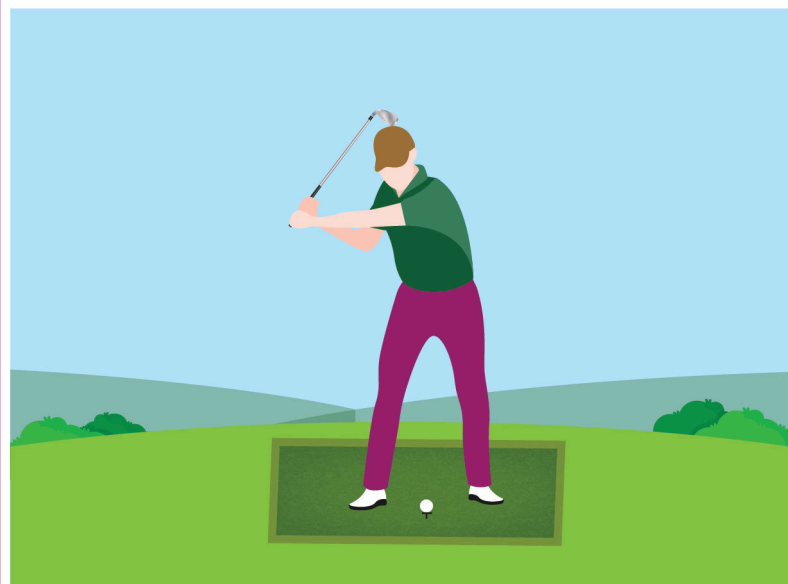
Right shoulder too much forward

Slicing a tee shot is a very common problem golfers face. There is nothing to be frustrated. We got some pro tips for you.

The slice usually happens for those who have their right shoulder too much out when swinging. So, the swing path narrows down and chances of slices become high.

Your right shoulder should stay back and make the swing with a full turn. Chances of slices will drop in this way.

Slicing from the tee: How to solve this?



How to not hit everywhere?

Proper arm speed is the key here. Here 'Proper' means a constant speed through the shot. Inconsistent speed through the shot will result in shots going everywhere.

Some golfers have a stop before the contact, others speed up at that point.

The swing must be uniform keeping your arm speed consistent throughout the shot.

Practice this, and your shots will become more accurate.

Body not turning

A complete turn of your body is necessary during your drive shots.

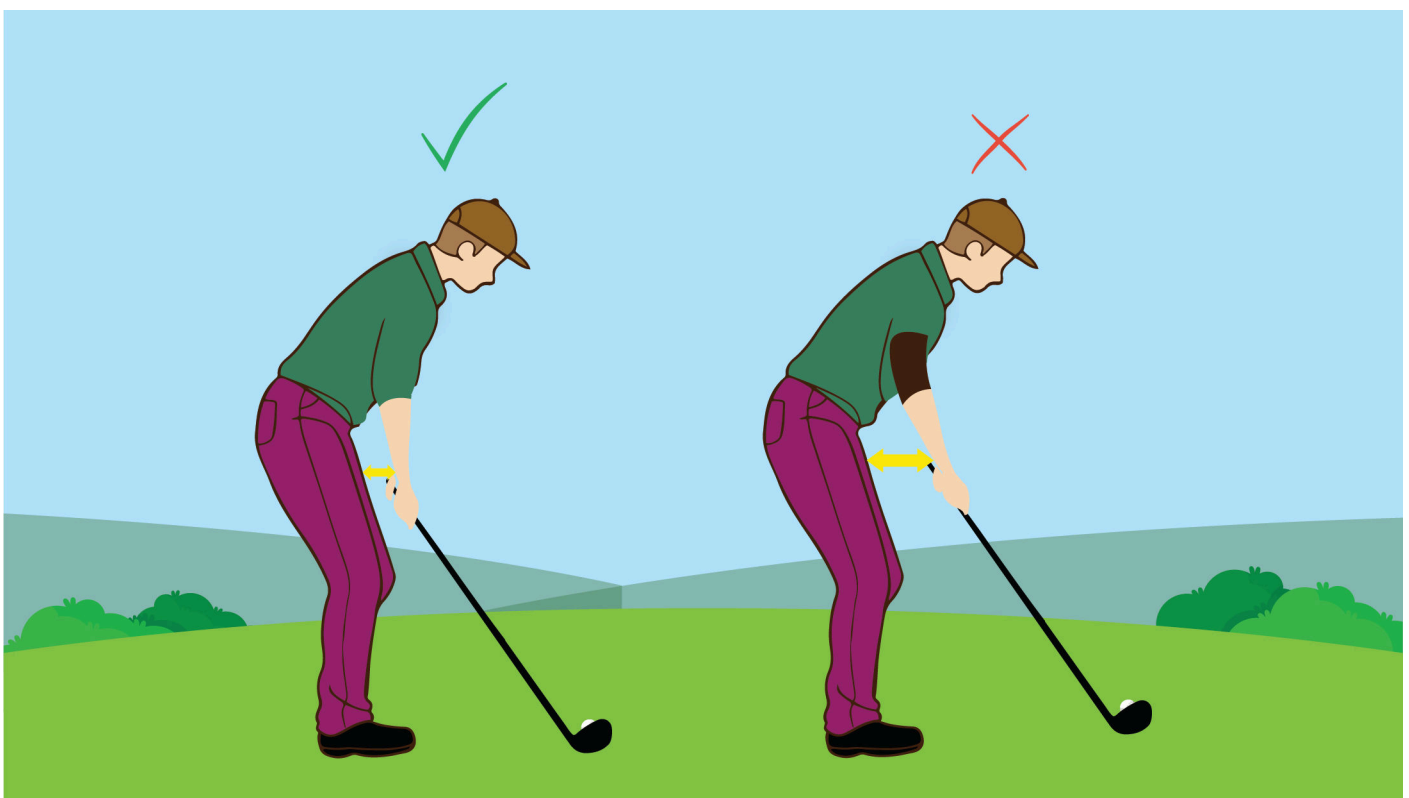
Many players slow down at the point of contact. But due to the momentum that you already have tilts the club face towards left. So, you get slices.

To simply solve this hit the ball with the full body swing without any interruption or slow down. Concentrate more on the body turn to hit rather than your hands.

Ball position too much forward

There is also chances of a slice if your ball is too far from your body. So, when you have a swing, you tend to open up your shoulders and limit that turn.

When the ball is placed at a comfortable distance from your body, a full shoulder turn will become easier for you. The chances of miss-hits will decrease.



Learn to hit with an Iron



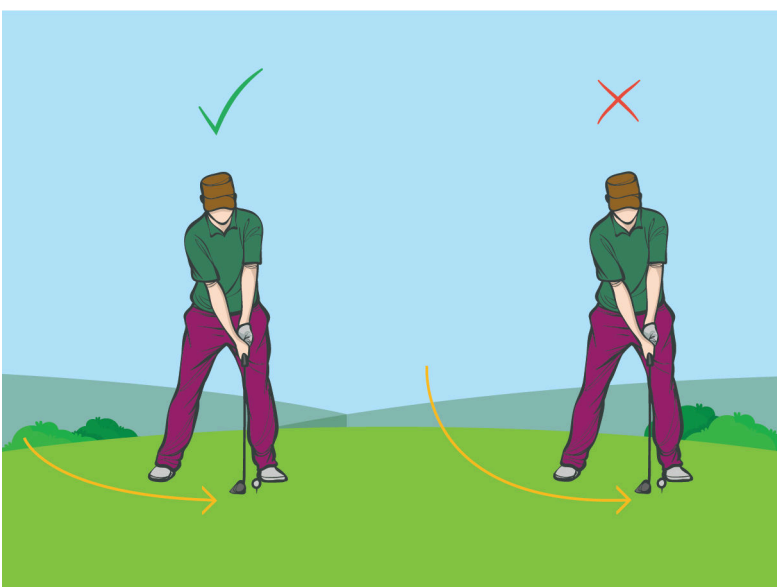
Hitting a golf ball with irons is not the same as hitting with drivers. You don't have the advantage of using a tee to lift your ball up in the air. But sure you can develop your techniques to hit crisp shots whenever you want.

Keeping a low point

You need to understand how the swing works in hitting with an iron. As the ball is on the ground now, you should have a low point of contact in your swing.

Hitting with iron involves the clubhead touching the ground and then making contact with the ball. So, when you swing a circular motion is created, and as soon as the clubhead makes contact with the ground, it should be ready to contact the ball in that circular path.

The ball should be placed as close as possible to the middle of your stance. Now, that low point of contact will be easier to gain.



Balancing your weight forward

Now that you have the ball near to the middle of your stance, you are ready to have a big go at the ball.

Your club, ball, and the lead hand should be in a straight line for the perfect iron shot. The ball position is also essential in this case. If the ball is too much deep in your stance, the angle with cut down and you will have less space for a good shot. Keep it too far forward, the angle increases and chances of miss-hit increases.

Weight distribution can have a massive impact. You should have more than 50% of your body weight on your front foot. In this way, you have higher chances of hitting the ball with a low point of contact. Lean too far back and chances of hitting the turf first increases.

Gaining power

You can hit all day with your club but what will make you stand out is the power you put through your shots.

In golf, we call this 'hinging.' If you try to hit a nail with a hammer, you should be having a hinging or lever like movement which creates power. Similarly, in golf, when you swing the club, you don't just move your body. Your arms should act as a lever to get that hinging motion that can give you power in your shots.

A descending angle is what you get at the point of contact when you are hinging. And the ball is hit with maximum contact and power.

The finish

You have made contact and should that be the end? A smooth finish will ensure that you have hit the ball correctly.

A good finish involves weight shifted to the front foot and the club behind. The head and chest should be facing the target. You should be able to hold this position for some time, and that will mean you are in a balanced position and your body has rotated in full motion.

Drill to hit with irons

What we have mentioned earlier on hitting with irons: hinging, low point and weight distribution, if you want to get this right, practice this drill.

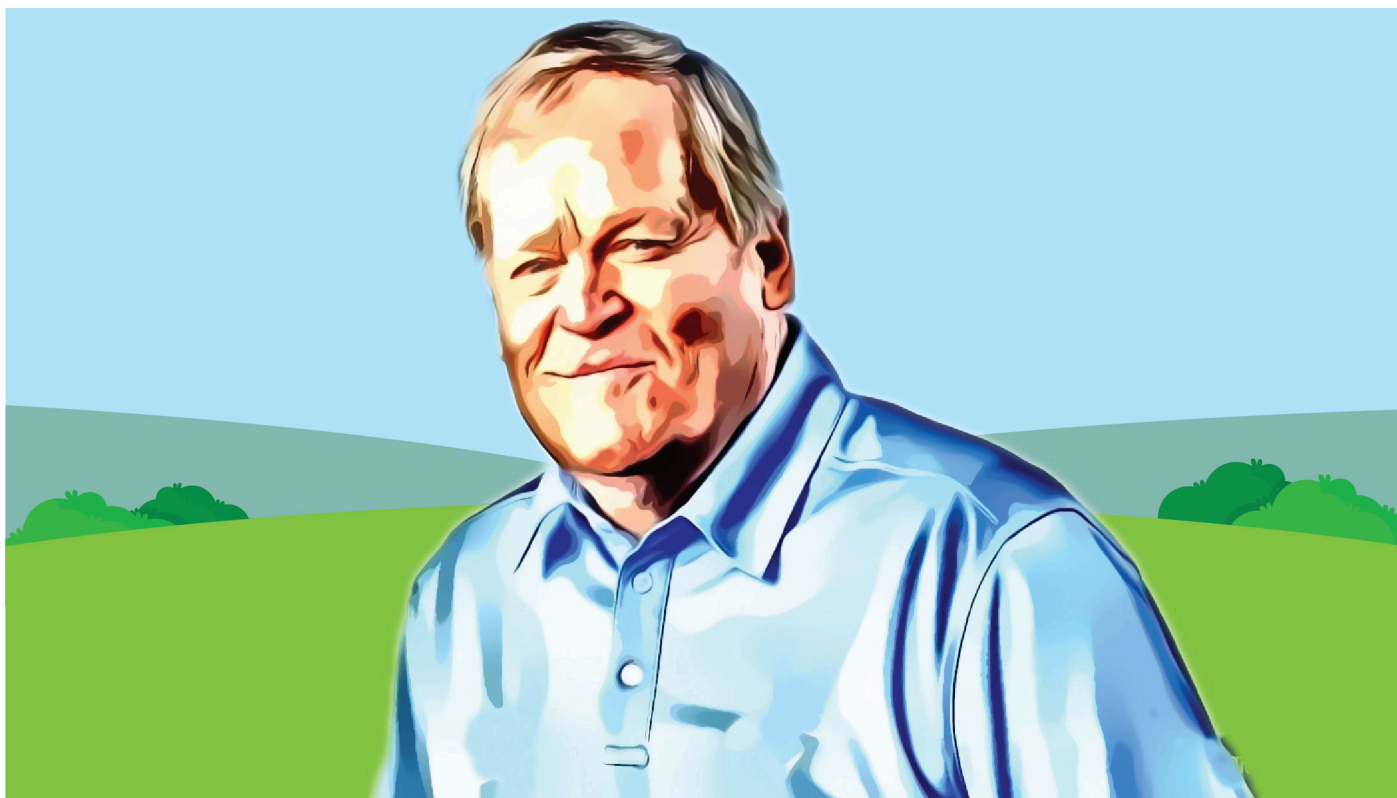
Get in the iron hit position we talked about. Maintain your weight on your front foot. Any movement backward will make your shot inaccurate.

Practice the swing path you are gonna take. Use a 90-degree waist height technique. In this technique, your golf club when reaches the waist height makes a right angle with your lead hand. Now, make a full hinge, and you are ready for that shot.

Here comes the drill. Draw a straight line without the ball in place. Swing the golf club and unhinge at the downswing and notice where your golf club is making contact. If the contact is on the line or in front, then you are doing good. If it is behind the line, keep practicing.

Once you get a hold of it, practice with a ball.

8 Pro Tips From Johnny Miller For Iron Hits



You are learning golf, and you must be joking if you don't know who Johnny Miller is. Miller is a 25 PGA tour winner along with two majors. And that made him enlisted into the World Golf Hall of Fame. As a lead golf analyst in NBC sports, he has a deep insight into the game.

Here are 8 practical pro tip from Miller that can impact your gameplay with the irons.

1

Playing is far more effective than practice

Practicing with conventional techniques is good, but a lot of things during a play will defy conventional techniques.

The more you play, the more you will learn shots that are out of the book. This is a life lesson that Miller learned while he played in the Olympic day in day out.

2

Remove temptation and stick with the irons you like

Current golf equipment is full of innovative design and technicalities. Johnny Miller won 8 PGA tours with his 25-year-old Tommy Armour Iron. But when he switched to a newly developed golf club, he was not satisfied with the golf club's performance.

So, the life lesson Miller teaches us is that getting a hold on to the irons which you feel comfortable and know by the hand is crucial. On a single look or contact, new irons might feel great, but it can work completely different in playing conditions.

3

Harness the art of listening

Miller was a good listener of the golf ball shots. Whenever he would hit a ball, if he were seeing or not, he could tell if the ball struck on the toe or the middle.

So, when you play, try to understand the sound of your shots and match them with your visualization. That can make you a better golfer day by day.

Because sound never lies.

4

Gain the ability to control the direction

Miller won the 1974 Tucson open only through controlling distance with his iron shots. He hit the flagstick like 10 times.

Get a clear idea of the length and speed of your swing. And you can use that to control the distance your ball covers with irons.

Hitting long and hard everytime can also become your weakness when you have to cover a short distance to hit that hole.

5

5. Keeping yourself low

Miller is a great observer of other players' swing. Based on his observations and life lessons, he has encouraged to keep the head low during the swing. The knees should do this necessarily. Flexible knees bent and targeted towards the shot will help you to pure the shot absolutely.

6

The right wrist position defines a good golfer from a lousy golfer

Good iron players always have their right wrist in a semi-cocked position. If you are swinging with the right palm facing up then it's high you change it. Right palm facing down in a semi-cocked position is the perfect way to play with the irons.

7

Details don't matter

Many golfers think over minute details while playing. And that can seriously impact their game. As playing with iron involves precision, golfers tend to lose focus on the basics and ponder after details like a wet club and light breeze and many more. What's important is your alignment, feel and ball contact during the games. Small things will hardly affect when you get these 3 things right.

8

Capture impact moment

Every time you a golf ball, try to capture the way it made the impact with the ball. Miller could, and it was one of his top secrets behind those 25 PGA tour wins. So every time you hit a ball and visualize the impact, you will know if you had hit a good one.

Straight And Curved Shots With The Golf Ball



Sometimes 300 yards coverage is not enough when you have more distance to cover. So, there is physics involved every part of golf. We will break it down for you in simple terms.

The club head and club path analysis

We will not get into technical details but enough to let you know how things work.

Let's get straight the direction of your clubhead at the point of impact will control the course of the ball.

If you twist your arm or wrist just slightly, you can change the direction of your clubhead.

A 10-degree shift of the clubhead to the right of the ball means a 10-degree shift of the direction of the ball to the right.

Understanding curvature

Two things are essential for getting a curvature on the ball. The degree of the clubface and the degree of the swing path.

So, if you can get the clubface and swing path degrees equalling each other, you get perfectly straight shots.

The rod drill for understanding the golf ball path

Two rods aligned 5-6 yards to each other should do the job. Now hit the golf ball and see what does the ball do. Does it go straight and if it does what happens after it lands.

Adjusting the swing path and the where you hit the ball you can understand how you can curve the ball.

Hitting the ball straight: Why you should avoid this?

What? Avoiding to hit the ball straight?

It does seem very anti golfing tip, but the natural tendency is always to hit the ball in side-ways with a curve.

Experts believe that it's more challenging to hit dead straight because of the alignment of specific things you need to have. And in playing conditions its not always possible to achieve that.

Instead, if you can master the art of curving the ball, you can get in a far better position. You can either take either the right or the left direction of the curve to make your ball reach the destination. This is your natural shot-making.

Hitting straight from the tee area is necessary, but with irons, in the fairways, you should develop and control your natural shot-making to take your game to the next level.

Learn To Hit The Golf Ball Low

Who doesn't want to master the art of hitting low golf shots! It's cool if you know how to do it!

Bad weather and high wind? Hit the ball low and minimize the itz and bitz the ball does.

When you lower the ball flight in the air, it has fewer chances of moving side to side. High wind can change the flight of the ball. Having this skill in your bag will yield better results.

Low golf ball shot in 5 easy steps

Step 1: Take the set up for iron hitting. The ball should be further back in your stance, 6-12 inches will be optimal. This will help in achieving that lower flight.

Step 2: The club handle should be in front of the ball.

Step 3: The club handle and your lead arm must be in a right angle position. This step is very crucial.

Step 4: The downswing should be made in such a way that you can unhinge at the very last moment. In this way, there will be very less loft on the ball.

Step 5: Don't make the full finish here. Finish at the waist height, and that should be it.

Drill for the low golf shot

The alignment rods will help you once again. This time use two rods to make a triangle.

Start with a bigger triangle. As you begin to get a hold of your shots and understand how low you can hit, you can decrease the size of the triangle.

It's an easy way to master the art.

Learn To Hit The Golf Ball High



The basics of hitting the golf ball high remain the same as hitting low. You just need to change a few things.

Step by step making the ball fly

Step 1: Take the same position for hitting with irons. The ball position is the key here. The further forward you have the ball in your stance, the higher the ball will go in the air. 6-12 inches will be optimal for this.

Step 2: The lead arm and the club handle should be in line. The handle cannot be as forward as it was.

Step 3: The right angle is important here as well. L shape between lead arm and the club.

Step 4: The normal unhinging can do the job. This time you can unhinge a little earlier.

Step 5: A full finish is mandatory here. The fuller your finish will be, the higher your shots will be.

A useful drill for practicing high golf ball shots

Just hitting high won't do any good for you. It's the control that you have on the height you want to achieve is the key.

Take two alignment rods and place them 3 or 4 feet apart. Use ropes between them to create a ladder-like structure.

Now you can practice your shots between these gaps for high, mid or low trajectory shots.

Learn To Hit The Golf Ball With Power



When you can hit the ball high and far, it means you are hitting with more power.

To get this smash factor in your skill set, you need to conquer two things: vertical pressure and the clubhead position.

Vertical pressure

Using the ground is essential in many sports. You can take Basketball for example. Those long passes and shots will never be possible without using vertical pressure against the ground.

In golf, the same physics comes into play. If you hit your shots with a horizontal force, you cannot get that power in your shots.

Once you know how to hold your ground and use your knees to bend and apply the vertical pressure, you can hit explosive shots at will.

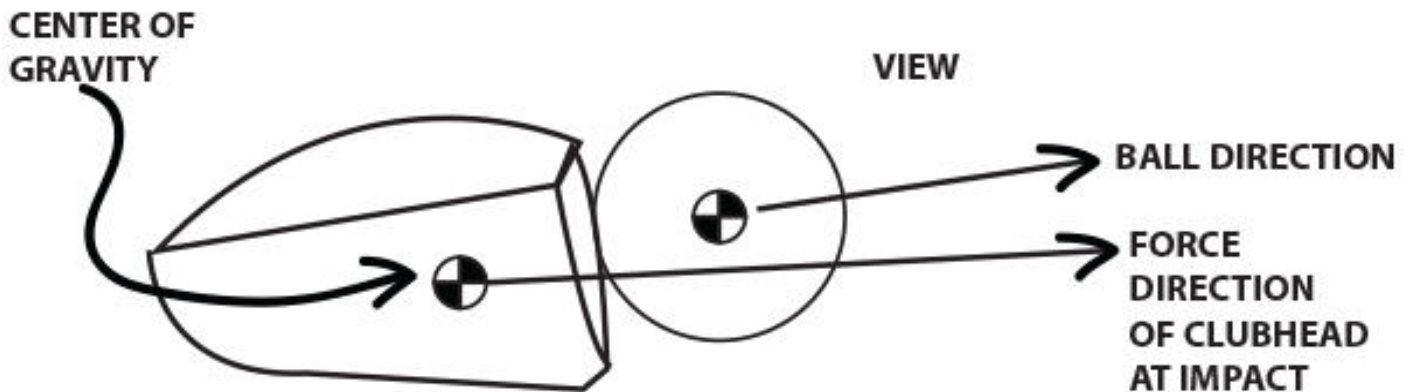
Drill for vertical pressure

Step 1: The set up must be as same as we did earlier: the iron hit set up.

Step 2: Make a backswing and stop just about the waist height. Mimic as if you are hitting a ball.

Step 3: You must keep yourself as low as possible using your knees. The flex in your knees will help to gain that vertical pressure we are talking about.

Step 4: This is the final step. Make the full swing pushing yourself vertically against the ground. You will feel a force transferring through your body to your shot.



For a solid hit the clubhead's center of gravity must be lower than or at minimum, equal with the ball's center of gravity and also lined up with the center of gravity horizontally.

Clubhead center controls clubhead speed

Do you think the speed of the ball is essentially the speed of the clubhead? If you think so, you are wrong.

Players who can control the position of their clubhead and the point of impact can control the speed of the ball.

There is a geometric center on the clubhead, and that's the point you want to hit with for the higher power.

Although, pros don't hit with the center every time they sure know which part of the clubhead they are hitting with.

In playing conditions the toe and the heel of the clubhead, all have a specific purpose, and you don't want to miss out on those.

Even with lower swing speed, you can produce higher speed on the balls if you can hit from the center of your clubhead.

Drill for practicing power shots

You need a foot spray for this drill. Apply the spray on the clubhead thoroughly. After the spray dries, you are ready to try the drill.

Now every time you hit the ball, you can know where the ball is hitting the clubhead.

You can set goals and practice hitting with a specific part of the clubhead. In this way, you master the art of power hitting.

6 Fundamental Tips For Beginner Golfers



We have this section for those of you who have just started playing the game. These tips are, and no matter how advanced lessons you are going to take, these will stay with you as long as you play.

Many of these tips you can find in the rest of the article above, here and there. We have

1

Check alignment every time you play

For as long as you play, remember to align your knees, hips, shoulders, and clubface to the target. This is a basic mindset that if you develop once will help you lifelong.

2

Make your stance solid

You want your stance to be balanced, wide and forced against the ground. You might play 20 years of golf, you might develop hundreds of skills, but this is what you need to have everytime you aim for the hit.

3

Marry your golf grip

Not literally though! But you should know your grip position even if someone puts a club in your hands when you are sleeping.

Whenever you get a club in your hand, try gripping it properly. For correct golf grip, check out [here](#).

4

Lower body should be the leader

When you make your downswing, you want your upper body to follow your lower body. This is a default that you need to install in your system permanently.

5

Use lofted clubs

When you are starting out you can lose confidence with low loft golf clubs. Gain confidence first hitting with short and lofted clubs. Avoid the driver until you have mastered your first 18 months with shorter clubs.

6

Par 3 course should be your destination

For beginners, a Par 3 course will enable them to concentrate more on the game. So, you will spend less time finding balls and more time developing skills.

The learning curve depends on how you take each lesson and what amount of it you apply in your games.

