



## Becoming a Sports Photographer

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## **Ch 1 What is sport Photography**

### **The Complete Guide to Sports Photography**

Sports photography is an essential element of sporting culture. Sports photographers capture the biggest moments and document the sports stars.

Sports photography isn't easy. it takes skill, knowledge, and practice

#### **What Is Sports Photography?**

Sports photography is the art of documenting sports, athletic activities, and athletes. As the photographers stand on the sidelines, they capture the action as it unfolds

Sports photography is a big business the photos are used in all forms of publications. Sports photography keeps people connected to the sports they love.. The work of sports photographers keeps the fans in touch.

Sports photography creates timeless, iconic images. Some are historic events,

Sports aren't scripted. And you get no retakes. The action is live, and the photographer has to be ready with the camera. You must know the sport and be alert during the event.

Photoshoots for sports brands or athletes follow a process simulator fashion and portrait photography.

Many sports photographers are freelancers, while others work for publications. Some photographers will cover many sporting events, from the Olympics to a Formula One Grand Prix. Other photographers dedicate themselves to one particular sport.

The best sports photographers let their passion shine through in their work. They use their photography to pass on their passion to the viewer.

Sports photographers are a dedicated breed. You'll see them on the sidelines, camera in hand taking pictures in the sun, rain or snow. They follow teams around the world. And push the limits in order to get the best shots.

Sports photography is a type of photography that covers every sport and sporting event, capturing the action of a game and behind the scenes of the players. This type of photography helps to promote brands, the players, as well as the sport.

The industry of sports photography can be appealing –the ability to take in sporting events or the potential of being a part of professional sport is a dream to many, but the competitiveness of the industry and the challenge of shooting moving subjects can feel daunting

Your online portfolio will help you grow your sports photography business. It's where you showcase your work,. Your online portfolio will be an essential part of your photography business,

Sports photography includes all types of photography that cover every sport and sporting event. This ranges from local and regional sports, high school athletics, all the way to the national and international sport, as well as a professional sport.

When people think of sports photographers, it is easy to think about the popular professional sports – like basketball, football, basketball, soccer, and hockey. But, sports photographers are needed in areas like swimming, running, water polo, paddling, martial arts, lacrosse, track and field, etc.

If you want to photograph sports as a hobby or as a career, there are many opportunities. The need for photographers to cover youth sports and local sports does not go unnoticed. Sports photographers are vital at all levels of competition. The shots you take will matter just as much as the ones of the athletes on the field.

Sports photography is about telling stories. With the advent of social media, the need for up-to-date photos to help tell a story has grown exponentially. Sports photographers need to capture the game's intensity and competitiveness. Amateur or professional athletes are now growing their brand in new ways with their own sponsorship and social media channels that require them to grow their own portfolio.

## **What Do Sports Photographers Do?**

A sports photographer's job is to capture and tell the story of athletic events. They capture the game's raw emotion and help fans connect with it. They must be able to convey the event's essence the athletes' successes and failures to viewers at home and abroad.

Sports photographers are able to capture moving objects and cover fast-paced sporting events. They have the technical skills required to think and move quickly

Sports photographers face unique challenges with moving objects and unpredictable lighting at indoor sports. Like the athletes, the more sporting events you cover, the better your shots will become.

Photographers are now needed to cover community events for athletes and teams to help expand their media coverage. They are also involved in the sponsorship and branding of athletes looking to sign with a professional team

Working with athletes one-on-one to capture their sport and personality can be very rewarding and allow you to share that expression. The sports industry is continuing to grow and, the opportunities for photographers will too.

Becoming a sports photographer is a highly competitive While most sports photographers never cover the professional sport for a living..

Don't be afraid to talk to different sports coaches, managers, leagues to get your foot in the door.

Don't feel intimidated by setting big goals you need to start small. Get involved in your community and get your name out there.

Whether your goal is capturing live-action photography courtside or entering the editorial side of shooting sports learning more about this field can help you take the next step on your career path.

## **Ch 2 Types of Sports Photography**

### **Soccer**

Football, or soccer, is the world's most popular sport. It unites nations and builds bridges across the globe. Millions love to play football, from professionals in giant stadiums to kids in the back streets.

Capturing soccer isn't easy. There's a lot of movement you need to know where the ball might go next. It takes patience and understanding.

### **Basketball**

Basketball is a fast and furious game. There's end-to-end action accompanied by incredible athleticism and skill. Sometimes it can be hard to keep up and capture the action with your camera.

You need to set your camera up correctly before the action even starts.

Knowing the correct settings and strategy is half the battle.

### **Marathon**

Marathons always create a buzz no matter what city they're in. People fill the streets, and the sense of excitement builds into a carnival atmosphere. A marathon is a fantastic event to hone your sports photography skills.

You can apply sports photography basics, like using a fast shutter speed. But there's more to marathon photography than that. With so many people, marathon photos can look like a crowd of people.

### **Swimming**

Swimming photography is different from shooting land-based sports.

Swimming events are exciting places to photograph. The echo of the pool room creates an incredible atmosphere for competitive sports. But the photos can often look like splashes and not much else. You need to use a polarizing filter to eliminate the glare and reflections from the water

### **Yoga**

Yoga has been a physical and mental practice in eastern hemisphere for centuries. And now, it's becoming one of the most popular activities in the western world. It's a non-competitive activity aimed at finding inner peace rather than glory over your opponent.

Yoga photography needs to reflect that philosophy. It's not about competition, like most other sports. It's about slowing down and finding tranquillity.



## **Baseball**

Baseball is America's pastime. It's one of the country's most traditional sports. And it's still one of the most popular in the nation.

Baseball involves bursts of action. So you need to be ready and prepared. That means understanding the game and understanding your camera. You need the proper settings to get the best baseball and softball shots.

## **Boxing**

Boxing has always been a draw for sports photographers. There's tension, drama, and big personalities. There's a certain romance that cuts through the violence in the ring. The dedication and determination of the fighters make a fantastic subject for sports photography.

Boxing gives you different environments for photoshoots. You can capture live bouts with two fighters slugging it out in the ring. Or you can take a more personal route, taking pictures of a boxer in training. Both make excellent photos for sports publications.

## **Motorsports**

Motorsports provide plenty of subject matters

- the action on the track
- the cars and bikes
- the excitement of fans and enthusiasts
- the drivers. Bringing the personality to the sport

Motorsports are all about power and speed. making them difficult to capture on camera. Not many vehicles move faster than a Formula One car. They whizz by so fast it's hard to get a shot.

## **Skateboard**

Skateboarding is for the thrill-seekers among us..

Skateboarding tricks are impressive. But they happen in a flash, so they're easy to miss with your camera. The correct settings are crucial for excellent skateboard photography.

The skaters and their lifestyles are also important aspects of skateboard photography. Use your camera to capture the relaxed and carefree atmosphere of the skate park.

## **Figure Skating**

Figure skating is one of the most elegant and beautiful winter sports. The skaters glide effortlessly across the ice, jumping and spinning as they go.

Capturing the skaters in the middle of their movements isn't easy. And an ice rink offers unusual conditions for sports photography. There's a lot of white, and you're always at a distance. With bright artificial lights You need to adjust your white balance properly

## **Surf**

Surfing is popular all over the world. It's a sport that appeals to people for the lifestyle as much as the activity itself. But surf photography has a unique set of challenges you need to think about.

You can't surf without the sea. And water and cameras don't exactly get along Use protective gear and underwater cameras.

## **Cycling**

Professional cycling is another high-speed sport, making it tricky to catch on camera..

There are different kinds of cycling events. There are tournaments in a velodrome, with cyclists speeding around at incredible speeds. And you have endurance races like the Tour De France.

Your camera gear and photography strategy will change depending on the event you're shooting. Do research and preparation for the best images of cycling

## **Ch 3 Camera Equipment for Sports Photography**

Sport is fast-paced and action-packed. There are many blink-and-you-miss-it moments during a sporting event, so you need to be ready by knowing the sport you also need the right equipment for sports photography.

A sports photographer needs a camera that can capture fast-moving subjects. That has a fast shutter speed and burst mode.

Sports photography gear also includes a telephoto lenses that lets the photographer get close to the action.. Tripods and monopods are common accessories in the sports photographer's kitbag.

### **The Best Cameras for Sports Photography**

Shooting sports photography has unique requirements. Everything is moving quickly, and the athletes aren't going to stop and pose for a photo. You need to be ready, and so does your camera.

A fast shutter speed is essential in sports photography. If your shutter is too slow, your pictures will show motion blur. Damaging your image quality and your reputation as a professional photographer.

The burst mode needs a fast continuous shooting speed to capture the very time-sensitive moments.

DSLR cameras are popular among professional sports photographers. They're reliable machines that produce excellent quality images.

Mirrorless cameras are becoming more popular. As they have an electronic shutter allowing for silent shooting and faster burst speeds.

Some sports require different lenses. Photographers are restricted to designated areas this means they can't always get as close as they'd like and can't go on the court or field.

A telephoto lens allows them to get close to the action. Allowing for tight shots without stepping or interfering with the action.

Fisheye lenses are popular with skateboarding and surf photographers.

## **Best Tripods and Monopods**

Stability is at a premium when shooting at live sporting events. And you might have your camera in your hands for hours on end. Tripods and monopods provide support, eliminating fatigue.

If you're staying in one place for a long time, tripods are excellent; they provide more freedom with exposure options.

- Low ISO
- faster shutter speed
- smaller aperture.

Tripods aren't always convenient for sports photographers. They need to follow the action, which often involves moving around. But if you still need help with stability, a monopod is the accessory you need as you have the freedom to move from place to place.

## **Sports Photography Equipment Essentials**

You need to be prepared when covering sporting events.

- You'll need a tripod or monopod.
- something to keep your gear dry if the weather turns bad.
- spare SD cards or external storage.
- The right camera bag is also essential.

## **Caring For Your Equipment in the Cold**

Winter sports need a photographer, just like summer sports. But photography in cold weather has a unique set of problems you need to overcome.

Cameras can freeze, and cold weather can damage the inner components; the battery life is reduced.

The photography can't stop when it gets below-freezing. A professional sports photographer needs to know how to cope when the temperature drops.

## **What Is the Best Lens for Sports Photography?**

70-200mm F/2.8 lens is one of the most classic and famous lenses for shooting sports. These long lenses allow you to zoom very close to the subject without the image looking distorted and give very sharp photos. Since you won't always be close to the action, this lens will allow you to get a great shot of an athlete's face who is running or on the other side of the field. The zoom lens allows for sharp photos to be taken in tight and also far away. This lens is perfect in allowing you to capture the perfect wide-angle shot and will also allow you to capture images with ease.

The lens must be made of Thermally Stable Composite, a mix between plastic and metal, in order the lens to not overheat or freeze in extremely cold temperatures.

Since there are a number of solid lens options you can choose from, here are some general tips on what to look for:

- Shutter speed is a top priority whenever you are shooting action sports, faster shutter speed allows you to make sure your photos won't be overexposed and ensure that you can catch the fast moving subjects in sports.
- A wide aperture is important to get the fast shutter speed. Whether you are shooting outside in sun or if it is an overcast day or whether you are working with artificial lighting indoors will all be factors in the aperture you will need.
- the focal length Most sports will require a wide angle lens to be able to capture the full field or ice, but in individual sports you may be looking to shoot tighter pictures.
- 400-600mm focal length angle of view will be ideal.
- The focus. sometimes taking blurry images, or partly blurred, is a desired effect you should make sure your lens can autofocus. A continuous focus mode will help you take good photos as the subjects are running or skating by you and celebrating in dramatic fashion.

## **Know when to upgrade your gear**

If you have mastered the basics of sports photography, then you may want to invest in a faster camera body or a longer lens to take your images to the next level. You will know it is time to upgrade when you become frustrated by your camera's limitations and not your own ability to get the shot.

## **Lighting for sporting events, indoor sports, and the studio.**

Being able to photograph sports outdoors at the right time of day may be ideal, but due to the requirements of fashion and editorial shoots, or the limitations of where and when live sporting events take place, choosing your preferred time and locale may be a rare luxury.

For live sports photography with a DSLR camera, makes it easy to make adjustments on the fly to compensate for harsh midday light or adjust for the low lighting of indoor sports, typically with a faster shutter speed and higher ISO value to allow more light into the camera. If possible — check with officials at the event — a mounted flash can be a useful tool for indoor sports, so long as it doesn't distract or affect athletes.

If you're shooting in a windowless gym and a client's directive calls for nostalgic early morning light, you have to get creative. Trial, error, and experience bring it all together. "You start seeing and understanding the light. Then you start understanding what the strobe flash might do. That comes from using it over and over," photographer Brendan Coughlin explains. "Google other photographers' lighting setups and see how they can apply to your work."

Be mindful of unique challenges that may arise in sports photography. Reflective technology on sportswear is visible only when the angle of incidence for how the light reflects is direct, like a person behind the wheel and their headlights. To capture this effect in product photography, strobe lighting needed for studio shoots won't work. "We use a ring flash on the camera body, so whichever angle you're pointed at, your camera picks up the hyper-reflective," Coughlin says. "The light is always there without affecting the rest of your environment too much."

## **Invest in the Right Equipment**

If you're serious about making a career as a sports photographer, it's worth it to invest in a long lens, or zoom lens, and an DSLR. Generally, a zoom lens with at least 200mm of reach should suffice for sports photography.

While this isn't a strict rule, it can be difficult to take great sports photos without these two tools. That's because many sports take place up and down on a field or court, which means you can't always be right next to the action. A zoom lens allows you to capture images even when you're far away, and a good camera allows you to adjust the camera settings to never miss a shot.

You may also want to consider investing in something portable to hold all of your gear. a lot of sports photographers use belts to keep their lenses and flash cards accessible as they move around.

## **Ch 4 Sports Photography Everything You Need to Know to Get Started**

In order to capture the sporting action. You need the right equipment and how to use it for successful sports photography shots. You need to be the master of your camera.

If you're new to sports photography. Take your time to know the sport and the settings on your camera. Cover several sport practices and community games to gain experience practice makes perfect.

### **How Do I Get Into Sports Photography?**

Picking up a camera is the first place to start when you are looking to become a sports photographer!

If you are interested in getting into sports then starting in your community is the best place to begin. getting out for experience will help you build your portfolio. Getting involved in the local channels of social media and your local newspapers

By gaining experience in your community, you'll become more comfortable with knowing how to shoot different sports and gain an understanding of the game. While you don't have to be an expert in any particular sport, having at least an understanding will help you anticipate the kind of photographs you'll need to be looking to capture.

Starting at the local level will also help you get comfortable with more of the technical aspects of your camera – such as your shutter speed, different lenses or settings, maneuvering your camera body, and focusing on moving objects.

If you are looking to move into the realm of professional sport and become a professional photographer, building a base that includes a wide range of experience will give you some great sports photos to add to your online portfolio. Your ability to network will be important in helping you get to the next step. You never know who you will meet at different amateur sporting events, so make sure to leave a good impression every time and keep working towards your goals one sports photo at a time.

## **Breaking into sports photography.**

Whether your goal is shooting professional sports or capturing photos of your local pickup game, the desire to photograph sports is how you begin building your skills and making connections.

“Passion for the sport comes first — picking up a camera and working on that specific sport. You’ll begin to meet people who love that sport and have reach or influence within that community

As you gain experience, and the confidence that comes with it, you’ll have the opportunity to use your expanding portfolio and connections within sports to get more work. That experience will also help you communicate better with clients, art directors, and agencies to supply them with photography that meets their goals or exceeds expectations. Over time, that day-in and day-out practice and execution will pay off big-time on game day.

## **Use Shutter Priority Mode if Aperture Priority isn’t available.**

This setting is best used for non-SLR photographers who only have a camera that enables shutter speed settings. As many people reading this won’t own an SLR, it is important you can still capture some great shots. Most cameras including point-and-shoots will enable the users to set a shutter speed. Instead of telling the camera how much light to let in, using shutter priority mode enables you to tell the camera directly what speed we would like the shutter to be.

The camera will then decide on what aperture – or f/stop number – to use at least 1/500th of a second is needed. You will need to take test shots when setting your shutter speed manually, in case you set it too high and are not letting enough light into the camera.

## **Use a fast auto-focus and burst mode.**

In order for the camera to keep up with the fast movements you want to set it to continually focus on our subject or subjects rather than lock on to one spot. On top of this, you must also set your camera to take multiple images, usually referred to as “frames per second” or “burst”. Locate both of these on your camera and ensure that they are switched ON when shooting sports. If you have the option to set how many frames per second you would like your camera to take, always set it to the maximum this increases your chances of capturing that money shot.



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You may also want to consider investing in something portable to hold all of your gear. a lot of sports photographers use belts to keep their lenses and flash cards accessible as they move around.

## **CH 5 how do you shoot sports?**

Learning the rules of the game is one of the top criteria to help you get started as a sports photographer. Some of the best shots you will take will be in the heat of the moment – completely unpredictable so having an understanding of the sport will give you a good idea of what to look for.

It is also important for safety in some of the more action-happening sports that could get intense. You always need to pay attention to what is going on around you and follow the ball. Depending on where you are, you also may need to be cognizant of the fans or spectators in your area.

Having a strong understanding of the camera equipment you have and the settings on it is another really important skill for a sports photographer to have. Since the game is moving so quickly, you need to be able to adapt to be able to capture the best images. If you are spending time fiddling or adjusting settings you could miss a big goal or moment of the game that you can never get back. You just don't have the time. Just like the athletes, practice will help you improve those technical skills.

### **Increase your shutter speed and ISO**

In general, opt for a higher shutter speed when you're shooting sports events. You can experiment, of course, for different effects like motion blur but as a rule, try to have a fast shutter speed, above 1/250s, when things are moving quickly.

The potential problem with a fast shutter speed is that it lets in less light, making actions shots at night particularly difficult. You can correct this by increasing your ISO. Depending on your camera, you may be able to set to Auto ISO or you may have to do some experimenting in manual mode in order to figure out the best shutter speed/ISO match. Start between ISO 1400 and ISO 1800 and see what works best with your equipment and the event you're shooting.

### **Shoot JPEGs**

Photographers are often told to shoot RAW files, or to shoot JPEG + RAW, but in sports photography this rule-of-thumb is often ignored. Many photographers who shoot in burst mode (photojournalists, sports and wildlife photographers, in particular) will shoot JPEGs because your camera will usually capture more frames per second as JPEGs than as RAW files.

RAW files are bigger and contain more data, and in some cameras they take longer to clear your camera's buffer. JPEGs are smaller files, meaning your camera can write them to your memory card faster and capture more moments. Your camera is likely to shoot JPEGs by default, so if you haven't changed this, you're good to go. Even when shooting JPEGs in continuous shooting mode, shoot in short bursts – press the shutter for one to two seconds and let go. If you keep it pressed down for too long, the buffer will fill up and slow down your shooting speed.

## **Use Servo AF Mode or subject tracking**

Out of the box, your camera will usually come with its AF mode set by default to Single Shot AF, and this is where most photographers tend to stay. But when you're photographing moving subjects on the fly you'll need to switch to Servo AF Mode. Usually there's a direct control on the back of your camera for switching AF mode – either a physical button or an option on your touchscreen.

Servo AF, also known as continuous autofocus, will keep focusing on your designated AF point as long as you half-press the shutter button. This is really handy for sports photography because you can focus on points where you anticipate the action will happen – such as around the goal – and wait for the moment to occur.

Your AF Tracking mode takes this even a step further. In tracking mode you simply touch the AF point on your LCD (if your camera has a touchscreen) or half-press the shutter to lock focus on your subject, and then your AF point will move with that subject as it moves across the frame. This is great for following the action on a crowded area

## **Freeze the action with fast shutter speeds**

The goal of any sports photographer is to freeze the action in dramatic moments, and the only way you'll do this is to shoot at fast shutter speeds.

Ideally, you'll want to be shooting at around 1/1000sec, but not slower than 1/500sec. A good way of achieving the shutter speeds is to refer to your mode dial and change the exposure mode to Shutter Priority (Tv). What this does is allow you to dial in your desired shutter speed, and the camera will then set the aperture and ISO accordingly to guarantee that speed.

## **CH 6 Sports Photography Tips**

### **Focusing Tricks for High-Speed Photography**

Many sports are high-speed. Motor racing and cycling are very high-speed. Track athletes are swift, AS well.

### **Use Burst Mode for Perfectly-Timed Shots**

Burst mode is an essential tool in the arsenal of a sports photographer. You can't catch every moment.

The continuous shooting mode can help capture the exact moment you need. It could be the point of impact between bat and ball. Or it could be a basketball player lifting off for a slam dunk.

Timing is everything.

### **How to Create Motion Blur in Photography**

You can use to produce a special effect. Motion blur can add energy and movement to your images when used correctly.

You can create motion blur manually. by slowing your shutter speed down when the subject is moving. You still want to avoid camera shake, don't go below 1/125 sec.

### **GoPro Photography for Action and Sports**

GoPro is synonymous with action cameras. They're the market leader and trend-setter in the action camera league. And they're great for shooting action-packed sports photography.

A GoPro camera is small and lightweight, so you can attach it to helmets and handlebars. You can capture amazing POV shots and footage when you're the one in action.

Despite their small size, the image quality is excellent. And they have a wide-angle lens which works well for action photography. And GoPro cameras also have a burst mode, so you don't miss a thing.



## Use Intentional Camera Movement

While camera movement is usually avoided, use it for a creative effect. It's another way of adding movement and energy to sports photography.

Intentional camera movement (ICM) is where you move your camera during a long exposure. It creates a blurred effect in your image. It's not easy, as too much movement will turn your photo into one big blur. But when done right it will look fantastic

## Sports Photography Tips for Beginners

Doing sports photography of your children, friends, or teammates is a great way to capture action-packed memories while having fun at the event. With a camera, you can begin the middle of the excitement at a sporting event rather than sitting on the sidelines— *you must be off the field*

### 1. Learn the rules of the game

It is important to understand the rules of the sport you are planning to photograph. The better you know the game, the better your pictures will be. Check out online resources that teach the rules of the sport, the best shooting positions, and types of images to look for, and equipment to use.

### 2. Learn to use your camera

Spend time getting to know your camera. Shooting in full Auto leaves you with little control over the quality of your images. Practice with the camera modes, like aperture-priority and manual.

### 3. Use a fast shutter speed

If you want to freeze action, then your camera's shutter speed should be between 1/500s and 1/2000s. The faster your subject is moving, the faster your shutter speed should be.

### 4. Plan your shooting positions

you want to be in a position that puts your subject facing you.

### 5. Use a telephoto zoom lens

. Something like a 55-200mm f/4-5.6 will give you a lot of flexibility with your shots while staying inside a reasonable budget. If you want to upgrade, check out a 70-200mm f/2.8.

## **6. Learn about exposure**

Understanding how shutter speed, aperture, and ISO affect your images is crucial to taking your photography beyond snapshots. For sports photography, you will usually have a fast shutter speed, a large aperture, and a variable ISO depending on the lighting.

## **7. Respect the officials, coaches, athletes, and staff at all times**

Your presence at the event is a privilege. If someone tells you to do something, do it. If you have a disagreement, leave it until after the event for a discussion. Do not be one of those obnoxious photographers that gives everyone else a bad name.

## **8. Pay attention to what is going on around you**

For your own safety, it is best to keep your head on a swivel while at the event.) or looking at your phone is a good way to get to get injured Leave Checking your pictures (chimping) to after the shoot

## **9. Do NOT use on-camera flash**

Your camera's built in flash, and even a flash unit attached to the hot shoe, is totally ineffective at illuminating your subjects. Additionally, flash is distracting to the athletes and spectators.

## **10. Use a wide-angle lens**

Just because most sports photos are taken using telephoto lenses does not mean they all have to be this way. Use a wide-angle lens to put an interesting spin on your images, and make your viewers feel like they are right there on the court.

## **11. Analyze your images after the event**

take about 1000 pictures. send 50 or fewer to the event organizer, and 5 get added to your portfolio. save your best shots and throw out the rest. find a pattern of success and failure and understand what you need to work on and what is already working.

## **12. Focus, face, action, equipment**

Experienced sports photographers often cite this, or some variation, as the formula to a great sports photograph. Let's review each piece of the formula:

Focus: Your image is in sharp focus, not blurry.

Face: You can see the athlete's facial expression, especially their eyes.

Action: An act of athleticism or an emotional event is taking place.

Equipment: The athlete is holding a piece of equipment, especially the ball.

### **13. Tell a story**

Sports photos can be grouped into two buckets: portraits (a single athlete participating in the sport) and stories (a group of athletes doing something noteworthy). Look for emotionally charged moments, like a team celebrating their victory or two runners neck-and-neck as they approach the finish line.

### **14. Keep your back to the sun**

You want your subjects to be illuminated by the sun as they approach you. In photography, light is everything. If the light is in an unfavorable position, like behind the subject, then you will be challenged to achieve proper exposure.

### **15. Use continuous autofocus**

Continuous autofocus keeps the subject in focus as their distance from the camera changes. All modern DSLRs and mirrorless cameras have this ability.

### **16. Anticipate the action**

You must be proactive, not reactive. If you are reacting to action happening on the field, then you have already missed the shot. Learn the rhythm of the sport and look for signs of impending action.

### **17. Know when to upgrade your gear**

If you have mastered the basics of sports photography, then you may want to invest in a faster camera body or a longer lens to take your images to the next level. You will know it is time to upgrade when you become frustrated by your camera's limitations and not your own ability to get the shot.

### **18. Do some post-processing**

A bit of cropping and a few lighting adjustments can do wonders to your images. It is not recommended "Photo shopping" your images to perfection, but do take a few minutes to touch up your best shots for a good presentation.

### **19. Look for action off the field**

Fans, coaches, mascots, and food vendors make interesting subjects that compliment your run-of-the-mill sports photos. Make your audience feel immersed in the event by capturing the little details that are often ignored by photographers.

## **20. Keep practicing**

The best way to improve is to practice. Keep challenging yourself to be better every time you pick up your camera.

## **What you need and some pre-tips:**

You will need a digital SLR camera, or a camera that allows you to set your own shutter speed. If you aren't using either of these then chances are you won't be able to capture very good sports photos.

When you first arrive at an event, particularly children's sports, it's important to remember that you need to seek permission to take photos. Once you get the a-ok we are ready to shoot!

### **Have a lens or zoom range that is at least 200mm.**

A focal length greater than 200mm is obviously a lot better as it will allow you to get close to the action and without being able to zoom in, you won't be able to isolate any of your subjects. Two common beginners lenses are the 18-300mm f/3.5-5.6 or the 00-300mmf/4.5-5.6.

### **Do NOT use full automatic mode.**

This is a common mistake made by amateur photographers. They will usually set their camera in full automatic mode or a pre-mode labelled "sports" or "action". While these may work OK on occasions, to really take to the next level to use a semi-manual mode.

### **Use a fast shutter speed.**

In sports photography, ensure that the shutter speed on the camera is fast enough to capture the quick moving bodies of the athletes. A shutter speed of at least 1/500th of a second is required to freeze movement.

### **Use Aperture Priority mode.**

The modes on a typical DSLR are Automatic, Program Automatic, Shutter Priority, Aperture Priority and Manual. Displayed by the letter A or AV, the aperture is our f/stop number, which determines how much light is allowed into the camera's sensor. If you aren't using a DSLR camera, you don't need to worry about setting an aperture, but rather a shutter speed, When you set the camera's aperture in aperture priority mode you are allowing the camera to determine the shutter speed. On a bright sunny day, this is usually the best setting to use.

Many professionals for sports photography use aperture priority mode ensuring that the most possible light is allowed in, which in turn tells the camera that a fast shutter speed is needed for the correct exposure. When there is more light it will allow for a faster shutter speed, thus helping to freeze the action.

## **Watch your ISO.**

Shutter speed, is very important. To determine the correct exposure use 3 components, aperture, shutter speed and ISO. When shooting in a semi-manual modes such as aperture priority or shutter priority you need to set the ISO yourself considering the location, time and conditions of the event you are photographing. For a bright sunny daytime soccer match a low ISO of 400 will be perfect as there is plenty of light available for the camera to use.

if it is a dull overcast day, there is not as much light and you need to be able to tell the camera this by setting your ISO. On a darker day you will need to increase your ISO, around the 800-1200

## **Position yourself correctly and know your sport.**

position yourself with the sun behind your back. This allows lot of light hitting your subject out on the field of play, It is also helpful if you know a lot about the sport you are taking photos of as anticipating where the ball or the action may be is going to help you get the best shots possible. Follow the action with your camera, ensuring that you are zoomed in close enough to have the majority of the frame of the player

## **Take lots and lots of photos.**

Whether it be a soccer player kicking the ball or a tennis player serving, once you have your subject in the frame you can half-press the shutter button to focus and then hold down to fire away and capture as many photos per second as you can, thanks to the previous burst modes you set.. There is no harm in finishing a sporting event with 2000 pictures on your camera!

## **Shoot from a low angle, such as your knees and use a monopod.**

By shooting from your knees you are capturing much more of a dramatic angle as well as letting in more of a clear background rather than other athletes and grass. The lower perspective gives the photo excellent depth and it's a technique that you will see all pro photographers doing. Also look to purchase a monopod and use it, even if your lens and camera are not heavy. It is very beneficial in helping you keep your camera steady and balanced while shooting from different angles, particularly your knees.

## **Best Sports Photography Tips for Beginners**

Sports photography offers many chances to get a great shot—but it also offers many chances to miss what could have been an amazing moment. When the action moves quick, a sports photographer has to be ready to click at just the right moment to get the perfect shot. Follow these four tips in order to ensure that your photos are as dynamic and crisp as possible when you're shooting sports.

## **Know the Sport**

First things first: You need to be familiar with the sport—and the players—before you start shooting. In order to successfully shoot a sporting event, you need to know who to follow and the rules of the game if you're going to capture the best and most dramatic moments.

## **Focus**

Adjusting focus during a sporting event is a great way to miss your shot. Instead, rely on your camera's built-in auto-focus. Go for a continuous focus option, which is usually shown as AF-C, set it and forget it

## **Check Before Using Flash**

A lot of sports—especially professional and college level—have rules about using flash., the flash will distract or even blind players, putting them and the game at risk. It's good practice to check with the coaches or athletic directors before shooting an event in order to see check their preferences and rules around using flash photography.

Many indoor sports will also have strobes or flashes installed in the rafters of the space. You can sync your camera to those flashes using a remote trigger, making an on-camera flash irrelevant. And with outdoor events, it's a good practice to never use your on-camera flash because it doesn't reach very far and therefore likely won't capture the action or will focus on something closer that's irrelevant to your shot.

## **Shoot Everything**

While the action on the court ,field or rink is obviously important, there are a lot of things happening during a sports game that can result in a great photo., sometimes the most dramatic action happens after a basket is scored or a race is run. What's happening on the bench? What's the coach doing? How about the fans?

make sure to include the setting around you. Whether it's as grand as a pro basketball court or as intimate as a high school football field, getting shots of the surroundings gives your action shots context. Great sports photographers know that opportunities for the perfect shot could just as likely be in the fans' reactions as in the action itself. Burst mode is another great option for capturing as many shots as possible.

## **Don't Chimp**

“Chimping” is checking every single shot on LCD screen. this a bad idea it takes you out of the action. you need to be fully aware what you're shooting. getting into the flow of taking shot after shot after shot. If you're chimping, you're looking away from your viewfinder, away from the camera, and away from the flow of action plus it is,dangerous. If you're looking at the camera screen, you're not looking at the action around you—and that action might overtake you without you realizing it. If you're down on a court during a basketball game, can be a matter of less than a second for the action to change direction and head right toward you. How will you know that 10 massive athletes are charging right at you if you're staring at your screen? You won't.

Likewise, there's often action in the stands at games. Fans jump up and down; they pump their fists; they may be intoxicated. If you're not aware of your surroundings, you could get hurt in the stands as well.

## **Switch Things Up!**

There are rules that you'll need to learn about sports photography, But sometimes the best photos break all the rules, creating a new kind of image that not only stands out in your work, and changes the game for everyone. while you're out there take a minute to play around with your camera settings. It could result in a spectacular image.

Photographing sport offers a huge number of creative possibilities, and it's a fantastic time to experiment with some of your camera's modes and features try shooting stunning action sequences, freezing motion and capturing the atmosphere of the game

## **Find a different angle**

At sporting events most photographers shoot from the same angle, so think about ways you can set your images apart. Maybe you could lie on the ground and shoot from a low angle? Or get a symmetrical composition of the players from somewhere up high? Often, shooting from the side of the field is better than being behind the goal.

You could also try to experiment with different focal lengths. If you're using a camera with interchangeable lenses, a telephoto zoom lens 70-300mm f/4-5.6 with built-in image stabilization gets you right in close to the action, helps prevent camera shake.



## **Choose a Wide Aperture for a Bokeh Effect**

The bokeh effect is the blurred quality in the background or foreground of some photos. It's the result of a shallow depth of field. And to get a shallow depth of field in your photos, you need to use a wide aperture.

The wider the aperture, the smaller the f-number. So f/2.8 is a wider aperture than f/16.

A wide aperture like f/2.8 or f/1.4 gives you a shallow depth of field. And this gives your photos that soft blur in the background. And as long as your focus is correct, your subject still looks sharp.

Using a wide aperture also allows for a fast shutter speed. Resulting in more light

## **Increase Your ISO Settings for More Light**

There's nothing more pleasant than shooting a sporting event on a summer day. But you're never guaranteed sunshine. And sports events aren't always outside or during the day. You must deal with dark conditions during those night shoots or indoor events.

the best way to get the most out of your camera when shooting sports in difficult conditions? Increase the ISO setting.

The higher you go with ISO, the higher the risk of digital noise. with DSLR cameras, you can push the ISO to 1600. Maintaining excellent image quality. You can go even higher if you use a more advanced camera and still capture fantastic sports photos.

A good autofocus system is a great feature for sports photographers. You must consider the aperture, shutter speed, and ISO while keeping your eye on the game. With manual focusing, your head will spin.

## **Use Continuous AF for Predictive Tracking**

Predictive tracking is where your AF system predicts the movement of the subject. Internal AI tracks the subject by predicting where it will be next. It's impressive stuff. But you only find an autofocus system this sophisticated on the top of the line cameras and very expensive

the AF system detects a moving subject. It continuously monitors the focus distance. When the distance from the camera to the subject changes, the focus is adjusted.

if you want to compose a shot in which none of the AF points cover the subject you need to lock the focus distance by pressing the AF lock button. for greater accuracy, choose a single AF point. Make sure it's in the area where most of the action is taking place.

## **Use Back Button Focus for Fast Focusing**

Back button focus is when you move the focusing function. from the shutter button to one of the buttons on the back of your camera.

It's the most efficient way of using autofocus.

Instead of pressing the shutter button halfway down to focus, you press a button at the back of your camera. You use your thumb for the back button and your pointer finger to press the shutter. It might sound complicated at first. But it's quick. And every second counts in sports photography.

Pair back button focus and continuous focus. This helps you get excellent focus with difficult shots. If your subject is moving, you can hold down the focus button to track it and release the shutter at any time.

## **Use Burst Mode So You Never Miss a Shot**

Burst or continuous shooting mode is another important feature of sports photography. Your camera captures several images in quick succession. So you can capture those moments where if you blink, you miss it.

All modern digital cameras have a burst mode, ranging from 8 to 30 frames per second (fps). DSLRs have a burst mode. But mirrorless cameras are the front-runners in this department. They use an electronic shutter which allows for a faster burst speed.

The problem with burst mode is the storage. Your memory card can fill up fast when you're shooting at 18 fps. It's best to save the burst mode when you need it.

## **Shoot In JPEG to Save Card Memory**

Most of the photo tips state you should always shoot RAW images.

While RAW is better for editing photos, they take up more memory. JPEGs are smaller, so you can fit more on your memory card. And when you're shooting sports action, memory cards fill up fast. You don't want to run out of space when the game goes into overtime. Take extra cards as well

## Ch 7 Getting into Sports Photography

If you are interested in getting into sports then start with your local. Getting involved in the local sports and contributing to your local newspapers will help you build your portfolio.

Whether your goal is shooting professional sports or capturing photos of your local pickup game, the desire to put sport on film is how you begin building your skills and making connections.

“Passion for the sport comes first — picking up a camera and working on that specific sport. You’ll begin to meet people who love that sport and have reach or influence within that community,” Thompson suggests. “I loved skateboarding, but I wasn’t the best skateboarder. But by the time I picked up a camera and started to express that, I knew a lot of really good skateboarders. That was my pathway into the skate magazines.”

### **Start with the basics to begin capturing great sports shots.**

Practice is the same whether you are shooting sports or playing sports. In the beginning, make things as simple as possible so you can learn the language of what it means to shoot whatever sport you choose, whether that’s a high school football game at night or a midday soccer match — you can begin to learn where to stand at sporting events to capture the best shots and how to best capture motion. You may find that your initial thoughts on positioning or shooting methods don’t apply to every situation or sport; these are important lessons to learn before shooting a live sporting event.

Practice trial shots without the aid of additional equipment in order to understand the challenges of shooting a sport, and begin to solve them with your camera before adding equipment variables.

- Shutter speed A fast shutter speed is ideal for freezing motion
- lenses of varying focal lengths a zoom lens to get closer to the action.
- depth of field to capture different types of movement.
- a small f-stop, opens the aperture to blur the background and put a single subject into focus, or go the opposite route to capture more of the scene around an athlete.
- Panning will capture a moving object while leaving the surrounding scene blurred to convey motion.
- Use a monopod to keep your camera steady when panning will help.

## **Ch 8 Camera Settings**

### **Camera Settings:**

Understanding your camera settings is vital for sports photography. You need to know how to get the best results. So you don't miss the action.

Shutter speed is the most important setting for sports photography. Set the shutter speed as fast as it will go. And if the lighting is poor increase the ISO to compensate for a fast shutter.

Shutter priority mode is an excellent option for shooting sports. It's a semi-automatic mode where you and the camera share responsibility for the exposure. The camera takes care of the aperture and ISO. And you stay in control of your shutter speed.

Continuous focus modes are beneficial for sports photographers. This mode constantly adjusts the focus to make sure your subject remains sharp.

### **Set your continuous shooting mode**

Most of the time, you'll shoot single frames, but when shooting action-packed sports you want the best opportunity to capture the most dramatic moments. To enable this, go to your camera's Drive Modes menu. Sometimes there is a dial on your camera's top plate giving direct control; otherwise, you'll find the drive modes in your camera's menu system. Single shot mode is depicted on the dial as a single rectangular frame, continuous shooting as multiple frames.

Most cameras will be able to capture anywhere from 5 to 12 frames per second when set to burst mode. This allows you to sift through your shots at the end and find the one that best captures the moment

### **Use Auto White Balance**

Your camera's Auto White Balance does a great job at reproducing accurate tones and colours. Whether you're shooting a game in the daytime or at night, it's best to use your AWB and let your camera automatically adjust as the light changes. Using your AWB setting also frees you up to concentrate on composition and anticipating key moments. To enable your Auto White Balance, typically there will be a WB button on the back of your camera, or on your LCD if it is touch-sensitive. Pressing this lets you cycle through the options.

## **Freeze the action with fast shutter speeds**

The goal of a sports photographer is to freeze the action in dramatic moments, and the only way you'll do that is to shoot in fast shutter speeds.

Ideally, shoot at 1/1000sec, but not slower than 1/500sec.

A good way of achieving these shutter speeds is to refer to your mode dial and change the exposure mode to Shutter Priority (Tv). allowing you to set your desired shutter speed, and the camera will then set the aperture and ISO accordingly to guarantee that speed.

## **Sports Photography Settings**

Sports photography settings are all about capturing the action. This isn't always easy. Everything moves fast, the athletes don't slow down so you can take a picture.

A lot of the skill comes from knowing the sport and clicking your shutter at the right moment. But your camera settings are just as important when photographing sports. You must know the exposure triangle (shutter speed, aperture ISO and burst mode

## **Use a Fast Shutter Speed to Freeze the Action**

A fast shutter speed is vital for sports photography. There's always a risk of motion blur when you have fast-moving subjects. if you're photos are blurry, the viewers won't be able to see the action.

Using a fast shutter speed reduces the risk of motion blur. You should think of 1/500 s as your minimum speed. You need to go to 1/1000 s or faster for cycling and motorsports. If your subjects move faster, you need a faster shutter speed.

Shutter priority mode is a good option for sports photography. It's a semi-automatic mode that lets you control the shutter speed. Keep your shutter speed as fast as you need it to be while the camera takes care of the aperture and ISO.

## **Ch 9 Post-Processing Sports Photography**

A lot of the hard work is done on site with sports photography. You capture the action with your camera as it happens. But the process doesn't stop there. You can add to and adjust your sports photography by editing your photos.

All you need is photo editing software. You'll be able to enhance your work from the comfort of your own home. Post-processing can boost your work, making it stand out to employers and publications. That's important if you're a freelance photographer.

### **Light room Pre-sets for Sports Photography**

Adobe Light room is the premier software for photo editing. And the pre-set functions are some of the stand-out features. There are pre-sets for portrait and landscape photography. And you can develop your own personal pre-sets for a unique look. They are designed to enhance sports and action images, giving your photography even more energy.

Adobe Photoshop is another excellent software choice for photo editing and manipulation.

### **Do some post-processing**

A bit of cropping and a few lighting adjustments can do wonders to your images. It is not recommend to do "Photo shopping" your images to perfection, but take a few minutes to touch up your best shots for a good presentation.

## **Ch 10 Salary expectations**

### **What Is the Average Salary for a Sports Photographer?**

The range of an average salary for a sports photographer changes depending on the size and scale of the sports you are covering.

There are some photographers who are working freelance to cover sport, while others have been hired by a team or league with a more extensive workload that can include travel to road games.

On average, the salary of a sports photographer can range from \$102,000 to as low as \$19,500, but the average salary range around \$49,047. For freelance work, sports photographers should make somewhere between \$50-\$300 as an hourly rate

The range is extensive the bigger or better your online portfolio is, the more opportunities you will have to land more photography jobs and negotiate the fees.

## **Ch 11 Conclusion**

As long as the world loves sports, the world needs sports photographers. It's an attractive route for a freelance photographer. But sports photography isn't easy. You need to know the sport you're shooting. And you need to master your camera settings.

Different sports require different settings and techniques. Shooting a tennis match is different from shooting a mountain biking event. You need different skills and different equipment to get the best results.

But you don't need to box yourself in. You can pursue one type of sports photography. Or you can travel the world shooting any sport you can find. As long as you have a passion for sport and photography, your sports photography will continue to improve. Now's the time to start your sports photography business.

Sports can be fast and ferocious. And a sports photographer needs to be ready to capture the action. That comes down to knowledge of the game and knowledge of your camera. So sports photography settings are crucial!

### **Closing Words**

Photographing sports is both exciting and challenging. Sometimes it can be downright frustrating, but it's always worthwhile in the end. As you gain more experience your skills will improve

- having have a fast shutter speed and a wide aperture
- perfecting your camera settings
- shooting in JPEG.
- mastering autofocus
- mastering burst mode
- The most important thing is to have fun and capture moments that matter to you.

These sports photography tips will help you capture the action. And you won't miss any of the action.

Different sports require different settings and techniques. Shooting a tennis match is different from shooting a mountain biking event. You need different skills and different equipment to get the best results.

But you don't need to box yourself in. You can pursue one type of sports photography. Or you can travel the world shooting any sport you can find. As long as you have a passion for sport and photography, your sports photography will continue to improve. Now's the time to start your sports photography business.



## **CH 12 Building your website**

### **Ready to build your online sports photography portfolio website?**

Showcase your sports photography with a stunning online portfolio website.

Put your best work in the spotlight with Format's award-winning design templates and start growing your sports photography business.

Here is a link to get started for free [Webstarts](http://www.webstarts.com/?aff=caphoto7)

<http://www.webstarts.com/?aff=caphoto7>

## **CH 13 Legal Notice**

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## **CH 14 Bio**

My name is David Wright.

I have many years experience writing procedures on how to test high tech electronic equipment. Re wrote technical manuals so that the average person could understand them.

Set up numerous training programs to train Junior techs.

My documenting skills are excellent paying attention to details satisfying the toughest ISO auditors.

I have enhanced my writing skills by successfully completing a course in Writing for Children's literature.

Completed course from AWAI in Copy writing service ,B2B copy writing, Seo management , Email marketing and web design

This has helped me write how to articles and Information Books that you will find on my website Discount E Books <http://www.discount-ebook-s.com/>

I have had a Camera in my Hand since 1965 Gone pro In 1999

Took the course from ICS in Photography

I am now at a point in life I would like to share my knowledge with the world and the best way I know how is by Print either electronically or Hard copy paper.

David Wright

Electronic service technician

Professional Photographer

Experience writer