



## HELPFUL TIPS

At Bike MS® events, our route support team works to make the ride safe. With that in mind, here are a few additional tips and suggestions to help keep everyone safe on the ride:

- **Thumbs down for help:** Safety and Gear (SAG) vehicles and motorcycle escorts will stop for you if you are off the road, off your bike and giving a “thumbs down” sign or holding your helmet in the air.
- **Ride marshal support:** A special team of cyclists called Ride Marshals provide support on the rides. They offer minor mechanical help along the route and monitor cycling safety and etiquette.
- **Rest stop etiquette:** All cyclists who enter a rest area must pull over, dismount and move completely away from the road and rest-stop entrance. When exiting, move beyond the rest area and proceed with caution on the right side of the road before merging with faster cyclists.
- **Passing:** Passing others and being passed occurs continuously during the ride. Call out “passing on your left” and allow time for the cyclist being overtaken to move to the right — then pass safely.
- **Mechanical problems:** Move off of the road to examine mechanical issues. Flag down a SAG vehicle if you need transportation to the next rest stop.
- **Be courteous:** Bike MS cyclists are privileged to ride on many trails as well as public roads. Be courteous and use no more than half the trail so as not to block the flow of other users.



## KNOW THE LINGO

Group cycling has its own form of communication. The presence of road hazards, directions and need-to-know information is relayed through the pack of riders by gestures and words. Remember to pass all communication on to the next cyclist behind you in the group. Speak loudly and clearly.

- **“On your left”:** This means a rider is approaching your left side. Allow room to pass.
- **“Car back”:** This means a car is approaching from the rear. All riders make an effort to move to the right of the road in a single file until the car passes. In most states, the law requires cyclists to ride no more than two abreast. This ensures that traffic will not be impeded, and will make passing easier and safer for the cyclists.
- **Gravel, pothole, sand, tracks:** Each of these messages is to alert the riders behind you of hazardous road conditions. The words are combined with the gesture of pointing to the hazard well in advance.
- **Flat:** This indicates that a rider has suffered a flat tire. Allow enough room for the rider to slow down and move to the right side of the road or trail for repair. Offer assistance if needed.
- **Slowing:** The cyclist in front of you is slowing down. Use caution and prepare to stop. Many cyclists use the palm of their hand toward riders behind them to indicate slowing and stopping.
- **Stopping:** This indicates that a rider ahead is stopping. Do not forget to unclip from your pedals.

## CYCLING FOR MINORS 101



The National MS Society wants you to cycle safely. It is important to understand that there are risks associated with cycling and road rides. It is critical that parents, guardians and their children understand these risks and are comfortable that a young cyclist has both the skills and the judgment to ride safely. This is especially important while participating in group cycling activities like Bike MS. Our focus is to provide a high quality, safe and fun cycling experience.

- **All cyclists must be at least 12 years of age**
- Minors (under 18 years old) **MUST** be accompanied by a parent, guardian or responsible adult over 21 years of age at all times — on and off the route.
- All cyclists, including minors, need to possess basic bike handling skills and safety knowledge to keep themselves and others around them safe.
- Parents must review the rules of the road with their children in advance of the ride to make sure they understand and can follow them.
- Each cyclist must carry identification, emergency contact information and insurance cards while riding and participating in a Bike MS event.
- Headphones, cell phones, radios and similar devices are not permitted while riding.
- The route is not closed to traffic, so cyclists need to exercise caution at all times and obey all rules of the road.
- There will be many cyclists on the course, so young cyclists should fully understand rider etiquette and how to ride in large groups.

- This is a ride and not a race. All cyclists should ride at a comfortable pace and take full advantage of route support whenever needed.
- Alcohol may be served at Bike MS and identification will be checked. Please remind young riders that they must be 21 or older to consume alcohol during the event.
- In partnership with the League of American Bicyclists, the Society has developed materials and coursework that provide good, basic information about bicycle safety and riding in a group such as the “Bicycling Safety Tips for Adults” video from the League of American Bicyclists. Watch the video on YouTube, review this entire brochure, participate in a Group Riding Skills class and review the Group Riding Student Manual. You can also ask your local Society office for more information.



# SAFETY IN GROUP CYCLING

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## SAFETY STARTS WITH YOU!

Cyclists need to possess basic bike-handling skills and safety knowledge in order to keep themselves and others around them safe, especially while participating in group cycling activities like Bike MS®. Our focus is to provide a high-quality, safe and fun cycling experience. For this reason, the National MS Society has partnered with the League of American Bicyclists to provide our cyclists with the knowledge and resources to cycle safely.

### Remember to always carry:

- Identification
- Emergency contact information
- Insurance card
- Any important health information

## "ABC QUICK CHECK"



All cyclists are responsible for keeping their riding equipment in good working order, so get into the habit of checking your equipment before every ride. Small adjustments can make a significant difference in your experience. The "ABC Quick Check" is an overall, yet brief bicycle safety check.

### A IS FOR AIR

- Check your wheels for worn tires, loose spokes, warped rims and tires for proper inflation.
- Check your handlebar for looseness at the headset and stem.

### B IS FOR BRAKES

- Check brakes for function, cable tightness, worn pads, frayed cables, and alignment of the pads with the rims.

### C IS FOR CRANKS, CHAIN AND CASSETTE

- Check your pedals and cranks for tightness.
- Check for chain looseness and bad links; clean regularly. Lubricate with bicycle chain lube.
- Check the derailleur for worn cogs and adjustment. Check that your gears change smoothly.

### QUICK IS FOR QUICK RELEASES

- Check to ensure that the wheels are clamped securely in the drop-outs before each ride.

### CHECK IS FOR LOOKING THINGS OVER

- Check your helmet for cracks and make sure it fits properly.
- Check your shoes for tight cleats and straps and buckles in good repair.
- Make sure your bicycle saddle is the right height and the bolt is tight.



## THE BASICS OF RIDING IN A GROUP

Group riding takes practice. Riding with other cyclists all around you may cause you to feel trapped. Relax. It is most important to create your own safety zone. This may vary depending on the speed and ability level of the people you are with, so be flexible. Let others know of your anxiety — they may also be new at this.

### Your responsibility in a pack includes:

- Be aware of others around you.
- Communicate well in advance. Use gestures in combination with verbal commands.
- Ride with your head up. Look down the road, not at the person in front of you.

- Maintain control and speed of your bike, even going downhill.
- Know your limits. Crashes can occur when inexperienced riders do not have bike-handling skills to make quick decisions in a pack.
- Safety starts with you. Group mentality is not always safe. Expect to stop at all red lights and stop signs — **it's the law!**
- Each cyclist is responsible for verifying that the intersection is clear.
- Adjust your safety zone to fit the conditions of the road, weather and traffic. Always plan an escape route.
- Never overlap your wheels with another cyclist.
- Do not use aerobars in a pack.
- Be aware of how weather will affect your bike. Riding in wet conditions requires slower speeds and greater breaking distances.
- Be respectful of other riders. Help others when needed.

## HYDRATION

Knowing how to optimize your fluid intake is critical to successfully completing a Bike MS ride.



- **One bottle per hour:** The rule of thumb is to drink one bottle per hour and supplement with sports drinks at least every third or fourth hour. If you find that you experience extreme fatigue, the inability to recover your energy or frequent muscle cramps, seek assistance from first aid — you may have the early signs of dehydration.
- **Seeking medical assistance:** If you find that you experience weight gain/bloating with progressive symptoms such as swollen hands and feet, confusion, throbbing headache, dizziness or nausea, please seek assistance from first aid.



## HELMET SMART

Head injuries are a special concern for cyclists. Even falling at a slow rate of speed can cause a serious head injury. Helmets must be on your head and strapped while riding in a Bike MS event — **no exceptions.**

## SPECIAL SITUATIONS



Many cyclists find that situations occur when quick thinking and heightened bike-handling skills are required.

### Suggestions for managing potential obstacles:

- Drivers do not know your skill level, and will often not leave room when they pass. Give them the room. In a group, call out "car back" or "car up" and move to the far right in a single file. Be predictable.
- Beware of animals. Knowing how to handle animals, specifically dogs, on a bike varies depending on the situation. You may want to slow down, outsprint the dog, or yell "stop", "no" or "go home." Distracting a dog with a water bottle should only be used when you are not in a pack. Try to keep to one side of the dog. Let others know of your intentions.
- Pedestrians, joggers and animals have the right-of-way. Signal to the pack that someone is being overtaken and move to allow room for safe passing.

## BICYCLE LAWS



All states consider cyclists vehicle operators, and give them the same rights and duties as other drivers.

- **Know and obey all traffic laws:** The golden rule of cycling in a group is **be predictable!**
- **Stay right:** Ride in the right portion of the rightmost lane in the direction you are traveling and leave at least four feet between your handlebars and parked cars or other hazards such as other lane users. You may move left when passing slower vehicles or preparing for a left turn.
- **Obey all traffic signs and signals:** Avoid "following the leader" through traffic signs and signals; you are required to obey all traffic signs and signals, including stopping at red lights and stop signs.
- **Look and signal before you move:** Always scan behind you before changing lanes or making turns. A continuous arm signal is required prior to a turn or lane change (unless arm is needed to control the bike) and while stopped waiting to turn.
- **Two at a time:** Ride no more than two abreast and do not impede traffic. If a part of the road has been closed and dedicated to "bicycle travel only" you may ride more than two abreast.
- **Hands on the handlebars:** Do not carry anything that prevents keeping one hand on the handlebars.
- **Pass with care:** Do not pass at intersections.