How to Stay Healthy at the Gym: **Your Guide**

TABLE OF CONTENTS

Unit 1: Communicable Diseases

The Most Common Communicable Diseases at the Gym- Signs and Symptoms

How Communicable Diseases Spread

Unit 2: Keeping it Clean- Protocols and Rules

For Gym Owners, Managers, and Trainers

Cleaning, Disinfecting, Sanitizing, Oh My!

Social Distancing

Updated Procedures

Getting Customer Feedback

Unit 3: DIY Disinfectants

Safe and Effective DIY Disinfectants

Policies Shape Cleanliness

Commercial Cleaners versus DIY Cleaners

Easy DIY Disinfectants to Try

The New Normal

UNIT 1: COMMUNICABLE DISEASES

On a daily basis, fitness studios and gyms are assaulted by germs, fungus, and disease simply due to the high volume of people that move through them. Even without considering the disease pandemic of 2020, common pathogens like the flu make the rounds all year long with seasonal increases typically in the fall and winter months. The average American adult catches a cold 2 to 4 times per year!

Whether you work in a fitness facility or gym, own one, or just visit one for your workouts or exercise classes, staying clean and healthy is a top priority. In wake of recent events, workout facilities are taking extra precautions to ensure high contact areas and equipment stays clean and prevent the spread of illness.

THE MOST COMMON COMMUNICABLE DISEASES AT THE GYM - SIGNS AND SYMPTOMS

The types of diseases most often found in gyms and that can easily spread from one person to another may be caused by a fungus, bacteria, or viruses. Some are skin conditions, while others are respiratory infections. Know the basics about these diseases so you can prevent them and recognize the symptoms.

ATHLETE'S FOOT

This is a fungal infection that also causes jock itch. A group of fungi cause these conditions and trigger a red, itchy rash. The skin may also become blistered or scaly and peel. The feet and groin are the most common areas for these infections, but it can also occur in the armpits and under the breasts.

COLD

The common cold is a group of viruses that cause an upper respiratory infection. While annoying, this is not a serious infection. It causes congestion, runny nose, coughing, sneezing, sore throat, headache, and a general feeling of being unwell or fatigued.

CORONAVIRUS

COVID-19 is caused by a novel, or new, coronavirus. Because this is a new disease, symptoms are still being discovered. It most often causes coughing, shortness of breath, and a fever. You may also lose your sense of smell or taste, feel fatigued, get chills and muscle aches, and have a sore throat.

FLU

The flu is caused by the influenza virus. A new vaccine is required every year because the virus mutates and changes seasonally. Symptoms of the flu include fever, chills and sweating, muscle aches, cough, congestion, sore throat, headache, fatigue, and weakness. It is often confused with the cold, but the major differences are that the flu causes a fever and that it generally feels much worse. For most people, the flu will run its course, but for those with chronic illnesses or a compromised immune system, it can be serious and even fatal.

HOT TUB RASH

Also known as folliculitis, this rash is caused by bacteria that grow in pools and hot tubs that don't have the right levels of chlorine. An early sign of infection is a red, itchy rash around the edges of the swimsuit. As it develops, the infection can cause blisters around hair follicles. It should go away on its own, but see your doctor if it does not.

HPV

Human papillomavirus can cause infections through skin-to-skin or skin-to-surface contact. Most common in gyms are plantar warts. These are small growths on the bottom of the feet that may develop calluses. They are not serious and can be treated easily.

PINK EYE

Also called conjunctivitis, a number of things can cause this condition. In gyms, bacteria or a virus may trigger it. The symptoms are redness and itchiness in the eyes, a gritty feeling in the eyes, eye discharge, and tearing. This is highly contagious through touching affected surfaces and then the eyes. Treatment isn't usually necessary.

RINGWORM

Ringworm is not caused by a worm, thankfully. This is a fungal skin infection. Unfortunately, though, it is highly contagious and can spread before an individual has any symptoms. The name of the infection comes from the main sign: a ring-shaped area of skin that is scaly and red. It may also be itchy, raised, and have red bumps in the middle.

STAPH/IMPETIGO/MRSA

Staphylococcus bacteria cause staph infections, which can take many forms. In gyms, it is most likely to cause a skin infection with symptoms that include boils, a swollen, red area of skin that contains pus. It can also cause impetigo, a painful rash with blistering, or cellulitis, a deeper infection that causes swelling, redness, and discharge.

MRSA is an infection caused by a type of staph that has developed resistance to most antibiotics. It is more common in healthcare settings, but MRSA can be in gyms. It has similar signs to other staph skin infections but may also include a fever. A life-threatening MRSA infection is rare but possible, so it is important to monitor signs of skin infections and to see your doctor if they persist.

STOMACH FLU

Known more accurately as viral gastroenteritis, this infection has nothing to do with influenza. It is caused by rotavirus and noroviruses. Stomach flu causes diarrhea, stomach cramping, nausea, vomiting, and in some cases a low fever, muscle aches, and headache. The biggest danger of stomach flu is dehydration. Some people need to be hospitalized to rehydrate with intravenous fluids, but most recover on their own in a few days.

HOW COMMUNICABLE DISEASES SPREAD

Fungi thrive in warmth and moisture. Wet towels and sweaty gym clothes harbor the fungal spores that cause athlete's foot and ringworm, for instance. Wet floors can also contain fungi. Touch any of these things that are contaminated, and you could get the infection. Skin-to-skin contact can also spread the disease.

Bacteria, fungus, and viruses can all survive on surfaces for varying periods of time. When you touch a surface, such as a barbell, and then touch your face or body, you can become infected. Skin infections spread by getting into cracks, small cuts, or even hair follicles on the skin.

Respiratory infections can spread by touching surfaces or infected people, but also through the air. When someone with a virus coughs or sneezes, they spread respiratory droplets that others may inhale, causing illness.

WHAT CLIENTS LOOK FOR IN A CLEAN GYM

Not all gyms are the same. All should take cleanliness seriously, but some do better than others. Before joining a gym or signing with a trainer, clients will want to tour the facilities and look for signs of adherence to hygiene practices: clean bathrooms and locker rooms, signs that clearly list rules and regulations, plenty of clean towels, hand sanitizer, and cleaning supplies readily available for wiping down equipment.

TAKE SMART PRECAUTIONS—CLIENTS AND TRAINERS

Knowing how communicable diseases spread, you can take steps to lower your risk of contracting one. Even in clean gyms with solid hygiene policies, it is possible to spread disease, so always take these steps seriously:

- · Avoid touching other people.
- Wear loose-fitting gym clothes that breathe and wick away moisture.
- · Bring your own mat.
- · Wipe down and disinfect gym equipment before you use it.
- Be aware of other gym users and give space to anyone who seems sick.
- · If you have cuts or minor wounds, keep them covered.
- · Avoid touching your face while working out.
- · Wash your hands after working out.
- · Wear flip-flops in the locker room and never go barefoot anywhere in the gym.

- $\boldsymbol{\cdot}$ Shower as soon after a workout as possible and get into clean clothes.
- $\boldsymbol{\cdot}$ Get a flu shot every year if you can.
- Talk to the gym manager if you have concerns about cleanliness or another gym-goer.

UNIT 2: KEEPING IT CLEAN- PROTOCOLS AND RULES

FOR GYM OWNERS, MANAGERS, AND TRAINERS

Gym members and clients must take responsibility for their own safety and health when working out. They should follow guidelines and rules and protect themselves and others through responsible practices. However, a big part of the responsibility also lies with the owners of gyms and employees. Take these steps to maintain a safe, clean gym:

- Have a set of policies and rules in place for cleaning the gym regularly.
- · Set rules for clients, such as wiping down equipment after use or wearing shoes at all times.
- · Display the rules prominently throughout the gym.
- · Provide soap and hand sanitizer.
- · Provide clean towels and disinfectants for cleaning equipment after each use.
- · Disinfect high-contact surfaces several times a day.
- Clean the locker room and bathroom once a day.
- · Set a schedule for staff to assign cleaning responsibilities.
- Keep a log for recording when everything has been cleaned.
- · Cleaning, Disinfecting, Sanitizing, Oh My!

There are many ways to clean a fitness facility whether by staff or gym goers as they move through the space. However, just cleaning is not enough! The use of disinfectants and sanitizers to eliminate and kill germs and virus is a necessary second step. For clarity, each are defined by the U.S. Center for Disease Control and Prevention (CDC):

Keyword definitions:

Cleaning- Removing dirt and impurities from surfaces or objects with a detergent (like soap) and water. Cleaning does NOT kill germs, but it removes them and lowers the risk of spreading infection.

Disinfecting- Killing germs and virus on surfaces or objects with the use of chemicals. Disinfecting does not necessarily remove the germs from the surface when it kills them, but it lowers the risk of infection.

Sanitizing- Cleaning and killing germs on surfaces or objects enough to bring the microbe level to an acceptable range.

SOCIAL DISTANCING

Outside of cleaning, disinfecting, and sanitizing, health professionals have recommended social distancing. This practice of creating space between individuals with the aim of preventing the spread of disease is nothing new. It originated in the Middle Ages to slow the spread of the plague and has only really been employed a few times

since. The more populous an area, the more challenging social distancing becomes. However, it has been found to be effective in conjunction with cleaning and disinfecting protocols.

Heavy breathing, coughing, and sweating are all things that can accelerate the spread of disease and they happen constantly in a fitness environment. People who remain socially distant reduce their risk of either sharing or encountering infectious bodily fluids.

FACE COVERINGS AND GLOVES

Along the lines of social distancing are the introduction of face coverings. Referred to as PPE, or personal protective equipment, these have been used in Asian countries to prevent illness related to smog and air pollution, but the 2020 pandemic has made them more applicable than ever. From face shields to cloth or disposable masks, face coverings are more readily available to the public and generally protect the public more than the user. This is because the mask wearer is unable to spread aerosol particles through coughing, sneezing, or heavy breathing.

Personal trainers, exercise class instructors, and group exercise leaders are often seen wearing masks while teaching or instructing and have the responsibility of wiping down all equipment and their space before the subsequent class or before leaving for the day.

Gloves are worn by health care professionals regularly but are now a staple in most fitness facilities. Whether scanning members in, accepting money, cleaning, or where there is a possibility of physical contact, many employers are supplying all employees with gloves to protect themselves during their work shift.

UPDATED PRECAUTIONS

Gyms have begun to implement updated precautions regarding the cleaning of high contact spaces and equipment. While there is no right or wrong way to go about cleaning, there are general guidelines that most facilities and trainers are taking.

EMPLOYEE HEALTH AND HYGIENE

The employees that have chosen to return to work after the pandemic shutdowns of fitness facilities are taking a great risk. They are near and in contact with many people over the course of their workday. Employers have begun to provide the PPE necessary to protect employees, but they are also required to:

· Wash hands upon arrival to work, after working closely with others, after touching their

PPE, after using the restroom, and before leaving work

- · Wear PPE and physically distance when possible
- · Carry a towel and cleaning solution with them at all times

STREAMLINING FACILITY PROTOCOLS

Fitness facilities have instituted some best practices to ensure they are doing their part to protect their employees and the public. Many fitness facilities and gyms have done the following:

- · Created audits and checklists for cleaning duties
- · Hired staff specifically for cleaning and disinfecting
- · Implemented the use of tags to establish equipment that is clean and ready for use
- · Increased the number of wipe or sanitation stations
- Increased the frequency of cleaning for locker rooms and bathrooms
- · Begun to clean air conditioning vents daily
- · Limited payments to contactless options (like credit card, PayPal, online, etc.)
- Provided staff trainings on disease control and cleaning protocols

STAFF CLEANING

Staff tasked with cleaning gyms and studios often arrived and cleaned after hours in the past. Now, more staff are being hired expressly for the purpose of cleaning and sanitizing facilities at all hours of the day. The fact is that guests and gym goers will never do as thorough of a cleaning job as is required to be effective. Staff are paid to do so. It starts in the space where the cleaning supplies are kept. Many facilities have tidied up the maintenance closets and cleaned them from top to bottom to remove and prevent bacterial growth or virus harboring.

BATHROOMS AND LOCKER ROOMS

Outside of the usual hand washing after bathroom use, there is not much more being requested of customers in bathrooms and locker rooms. Staff at many fitness facilities are tasked with wiping and disinfecting bathroom counters, sinks, and stalls much more frequently than the old standard of ounce per hour (maximum). In some smaller facilities, the bathrooms may be available for customers, but showers, locker room areas, saunas, and steam rooms are closed to public use. The cleaning procedures for these spaces are extensive and difficult to complete in a timely manner.

CUSTOMER CLEANING

Spray bottles of commercial grade disinfectants and paper or cloth towels have always been a staple at most gyms. They were usually accompanied with a polite sign requesting that members wipe down equipment after use. Despite being a great idea, most people did not adhere to the cleaning rules and it was seldom enforced in the past.

Now, gyms have added more cleaning stations throughout their facilities as well as hand sanitizing stations. The presence of signage regarding hand washing protocols and sanitation requirements has increased and some gyms even have staff monitoring the exercise areas to ensure cleaning takes place.

It is not a widespread practice to chastise or remove customers not following the rules, but the new expectations have been set. Most gyms will let it slide as to prevent losing a membership from an embarrassing confrontation and have, instead, introduced more staff to assist with the constant cleaning similar to the way self-serve kiosks are wiped after each use in grocery stores.

RESERVATIONS

Some gyms, CrossFit boxes, and studios have adopted a system of reservations. This includes some facilities that do not operate under a group fitness model. Members must reserve a workout time via the company's app or website and may only be admitted during that time. Often while inside, customers must remain socially distant from other patrons.

SPECIAL HOURS FOR SPECIAL POPULATIONS

Much like the precautions taken by grocery stores amid the COVID-19 outbreak, some gyms are offering specific hours or class times only for the elderly or pregnant customers. Those who are immunosuppressed or have severe respiratory issues are not recommended by the CDC to be attending fitness facilities at this time as the risk of infections are still too high. During these hours, the eligible customers are still requested to remain socially distant.

LIMITED OCCUPANCY

Group fitness studios, yoga studios, and even large gyms are limiting the number of customers allowed inside the building. Group training studios like Orangetheory that can hold a full class of 35 to 45 people have cut back to classes of 12 to 15 to minimize the amount of equipment individuals have to share during class. Large gyms simply set a capacity (often including staff members to keep them safe) and will have patrons remain in a socially distanced line outside of the facility. Once full, for each person who leaves, one is allowed in.

TEMPERATURE CHECKS

Some gyms have begun to perform temperature checks before admitting exercisers into their facilities. Fever or an elevated temperature is a hallmark of most disease as it is an uncontrollable immune response. It must be noted, however, that not all who are ill will have

an elevated body temperature.

Current CDC recommendations suggest that any individual with a temperature over 100 degrees is a risk. Fitness facilities and employers using temperature checks to monitor customers and staff will often allow a recheck of temperature after a 5-minute waiting period with a high reading. This helps to negate a false positive reading due to elevated skin temperature or any other cause.

Another common protocol for temperature checks is to send a customer away after two high readings for a period of 24 to 48 hours. They can come back for a recheck after that time and, if they still have an elevated temperature, they must wait for an extended period before returning. As a courtesy, most fitness facilities will pause a customer's membership until they return to avoid charging for a service they are unable to use.

EQUIPMENT SPACING

The space allowed between equipment becomes paramount when individuals are breathing heavily, sweating, and, potentially, releasing water vapor and aerosol particles. Some facilities with extra space have begun to rearrange and allow for 4 to 6 feet between pieces of equipment. In some cases, equipment must be completely removed to allow for the extra spacing meaning the overall occupancy of a large gym, for example, will be greatly reduced.

When equipment cannot be removed, facilities are unplugging or covering equipment that is too close together. For example, turning off every other treadmill or covering every other weight bench to force social distancing protocol.

REMOVING FANS

While it seems counterintuitive to remove fans that circulate air and keep you cool during a workout, they also circulate aerosol particles from other people! Some gyms have resorted to turning off all fans (not inclusive of air conditioning units) or, when possible, removing small fans from studio spaces. Smaller locations with windows or garage door can open them to allow for more adequate air circulation when the weather is appropriate.

GETTING CUSTOMER FEEDBACK

Regardless of the precautions and cleaning standards a facility is utilizing, it is important that they ask for customer feedback. It is virtually impossible to ensure that every customer is following every rule regarding cleanliness in a fitness facility and this may make some patrons uncomfortable.

Many gyms are sending automated emails that trigger when the customer scans their key tag for gym admittance for the first time since reopening. Some have comment cards or in-house tablets for feedback and surveys and others have staff and managers speaking with customers while they are in the facility.

The feedback they receive is critical. While no facility will be perfect, understanding the fears or concerns of the customers will allow fitness facilities to appropriately respond and take action to make people feel safe. After all, a customer that does not feel safe is likely to cancel their membership. Fitness is a membership and relationship business.

UNIT 3: DIY DISINFECTANTS

SAFE AND EFFECTIVE DIY DISINFECTANTS

Whether you run or work at a large gym, a small boutique studio, or out of your own home, keeping equipment and other services clean is essential for preventing illness and disease. Gym equipment gets touched, a lot. And, we all know that not all fitness enthusiasts stay home when they feel unwell.

Keeping clients safe is about more than just preventing injuries. You also have a responsibility as a trainer to protect clients from each other's germs. Reasonable measures to clean and disinfect will protect them and you.

But do you have to rely on commercial products, like bleach and other harsh chemicals? Not necessarily. Try some of these DIY disinfectants, both for gym equipment and at home.

What do these have in common?

- · Common cold
- Flu
- · Stomach flu
- · Pink eye
- · Athlete's foot
- · MRSA

These are all infections and illnesses caused by germs that are probably on your gym equipment right now. And these are just a few. Studies have found all kinds of germs on equipment, mats, handrails, and other surfaces in fitness facilities.

This doesn't mean people should avoid the gym. It just means owners, employees, and patrons of gyms need to be aware of the issue and take proper precautions. For the fitness professional, that means cleaning regularly.

The Centers for Disease Control and Prevention (CDC) recommends cleaning equipment and allowing it to dry after every use. Any equipment that is torn or damaged should be replaced, as it can harbor more germs. (2)

HOW TO CLEAN AND DISINFECT

There is a right way and wrong way to clean and disinfect any part of your gym. If you are not relying on a professional gym cleaning service, know the steps to take to protect yourself and to clean effectively:

- · Wash your hands thoroughly before cleaning. Use soap and warm water and lather for at least 20 seconds.
- Wear personal protective equipment. At a minimum, use disposable gloves to clean but also consider eye protection and masks, depending on the situation.
- · If using a disinfectant wipe, use a wiping motion in the same direction every time. Let the surface air dry.

- If using spray cleaners, let it sit on the surface for the recommended amount of time before wiping.
- · When cleaning is finished, remove and dispose of gloves and wash your hands again.

POLICIES SHAPE CLEANLINESS

A gym that runs smoothly and keeps clients happy and safe is one that is organized and has policies in place. You use schedules and training to ensure employees are in place to help clients, to run classes safely and on time, and to keep clients coming back. You also need policies for cleaning and hygiene. Make cleanliness a priority by using the same strategies:

- Train employees. Before expecting workers to clean and disinfect regularly, you must show them how to do it. Hold a mandatory staff training session to ensure everyone knows the best procedures for safely and effectively cleaning the gym and everything in it.
- Create a cleaning schedule. You can't just assume employees will clean regularly; you
 must be specific. Create a schedule for regular cleaning of fitness equipment, the gym
 floor, locker rooms and bathrooms, and all other surfaces. Assign staff to each task and
 time slot and keep the schedule somewhere everyone can easily access it.
- Keep a cleaning log. Each part of the gym that gets cleaned regularly should have a
 visible log for recording cleanings. Use wipe boards with dates, times, and tasks. Ask
 employees to initial the appropriate part of the log each time they finish an assigned
 cleaning task.
- **Organize inventory and ordering.** Keep track of each type of cleaner and cleaning equipment with regular and updated orders to make sure you never run out.
- **Consider hiring a professional service.** Larger gyms can benefit from having a regular and dedicated cleaning staff. Whether they work for you or are employees of a cleaning service, use all the above tips to make sure the facilities are cleaned regularly and to your specifications.

ENCOURAGING USERS TO CLEAN AND DISINFECT YOUR GYM EQUIPMENT

Just one use of gym equipment leaves behind sweat and plenty of germs. It's important to wipe down machinery after every use in a commercial gym where so many people come through the doors every day. Your staff may not be able to keep up with it, so to maintain sanitary conditions put strategies in place to encourage users to wipe down after every use of a piece of equipment:

- · Make regular wipe downs a part of membership policy.
- Also include a policy for consequences, such as warnings or even revoked membership, after repeated offenses.

- Leave disinfectant wipes or a disinfectant spray cleaner and fresh towels within easy reach of exercise equipment so there is no excuse not to do it.
- · Station hand sanitizer throughout the gym to encourage good hygiene.

COMMERCIAL CLEANERS VERSUS DIY CLEANERS

When cleaning gym equipment and surfaces, it is important to strike a balance between effective disinfecting and additional health hazards posed by cleaners.

Risks of Commercial Cleaners

The CDC, while recommending regular cleaning with products that can kill bacteria and viruses, also acknowledges that these cleaners can cause health problems. Bleach, for instance, can irritate the skin and eyes, and even asthma.

Commercial cleaners, like those containing bleach, are effective at reducing the concentration of germs. If you are going to use them, follow instructions and use protective equipment, like gloves, a mask, and safety glasses.

Risks of DIY Disinfectants

If you do choose to make your own homemade cleaner, avoid mixing things together without following a recipe. There are some risks of doing so. For example, these cleaner combinations can be problematic:

- Bleach and vinegar mixed together create a gas that is irritating and harmful.
- Bleach and ammonia also combine chemically to make a harsh, harmful gas.
- · Bleach with rubbing alcohol produces chloroform and hydrochloric acid, dangerous, corrosive chemicals.
- · Vinegar mixed with hydrogen peroxide creates a severe irritant, peracetic acid.

Easy DIY Disinfectants to Try

There are many reasons to choose alternatives to the harsh chemicals commonly used to clean and disinfect gyms. Sometimes supplies are hard to find. And commercial cleaners can cause irritation to skin, lungs, and eyes.

Here are a few recipes for DIY cleaners that have disinfecting capabilities. In some cases, the risks of using an inadequate cleaner, such as during the coronavirus outbreak, may outweigh the benefits of a DIY product. Use caution and if in doubt about effectiveness, use a proven sanitizing cleaner.

The only DIY ingredients that truly disinfect are 70 percent (or higher) alcohol and 3-to-6 percent hydrogen peroxide. Your regular household bleach will also disinfect, but it is much more irritating and is already the base cleaner in many commercial products.

RUBBING ALCOHOL

That bottle of rubbing alcohol in your first aid kit can disinfect surfaces as long as it is at least 70 percent. Make reusable disinfecting wipes you can use once and wash to avoid waste. Cut rags or old t-shirts into wipe-sized pieces for your disinfectant wipe. Soak them in rubbing alcohol and store in a sealed container. Use these to wipe down any hard surface. There is no need to wipe excess moisture off the surface, as the alcohol will evaporate. When it's time to wash the wipes, use the hot water setting.

You can also make a DIY disinfectant spray cleaner by mixing rubbing alcohol with some antibacterial dish soap and water. Fill a spray bottle with one-third of each. Use it as you would any other disinfectant spray cleaner: wet the surface to be cleaned and wipe off with a rag or paper towel. This won't be as effective as the wipes, but it does make a good DIY cleaner for some services.

HYDROGEN PEROXIDE

Alcohol is safe but can still be harsh on the eyes, skin, and airways. Less irritating is hydrogen peroxide, another first aid staple. It's an effective disinfectant too, just be sure to look for formulas concentrated between three and six percent. To make a DIY disinfecting spray, simply put it in a spray bottle. Spray surfaces and let it sit for about five minutes before wiping clean. Be aware that hydrogen peroxide can break down finishes on surfaces with prolonged use.

WHITE VINEGAR

Vinegar is a great natural cleaner that is much less irritating than commercial cleaners. It disinfects to some degree, but don't rely on it to eliminate all bacteria or any viruses. Use basic white vinegar full strength to wipe down surfaces. You can also dilute it with water for a less potent cleaner. Just add to a spray bottle and use as you would any cleaner. Be aware that, as an acid, vinegar may damage some surfaces. Test it out on a small, out-of-the-way spot first.

ESSENTIAL OIL DISINFECTING SPRAY

Many essential oils have disinfecting properties, such as tea tree oil, but don't rely on these for heavy-duty antiviral cleaning programs. There is some evidence they have anti-viral properties, but don't rely on these to protect you from stomach flu or coronavirus. Here's a good recipe for a cleaning product that may disinfect to some degree:

- · One quarter cup white vinegar
- · Three quarters cup water
- · Seven drops of lavender essential oil
- · Seven drops of tea tree essential oil
- The recipe can be scaled up for bigger batches. Other essential oils to try include peppermint, any type of citrus, geranium, and rosemary.

MAKE YOUR OWN HAND SANITIZER

Cleaning the equipment regularly is essential, but also important is good hygiene and hand washing. Keep hand sanitizer in strategic locations to encourage regular use in the gym. And, if you can't find any hand sanitizer in the stores, consider making your own. The following homemade hand sanitizer recipe is approved by the World Health Organization. (3) You need:

- Ethanol (96 percent) or isopropyl alcohol (99.8 percent)
- · Hydrogen peroxide (3 percent)
- · Glycerol
- Sterile or boiled water

To a ten-liter container, add 8,333 mL of ethanol or 7,515 mL of isopropyl alcohol, 417 mL of hydrogen peroxide, and 145 mL of glycerol. Fill to the 10-liter mark. Close and shake the container to mix. You can then dispense it into smaller containers.

DIY disinfectants are easy to make, and you probably have the ingredients you need in your kitchen, cleaning cabinet, and first aid kit. These are great for when you're in a bind trying to find cleaners or you just want an alternative way to clean gym equipment. When protecting clients from germs, be sure you are using a cleaner that will truly disinfect a surface. Some natural cleaners aren't effective enough, but they do clean surfaces and make disinfecting easier.

THE NEW NORMAL

The response to COVID-19 specifically was relatively swift and absolute. The way businesses and individuals proceed over the coming months will have a big effect on how communicable disease is treated and prevented around the world. The protocols and restrictions in place because of rapid disease spread are unlikely to

disappear any time soon.

Fitness is an outlet for many people, and it allows us to remain healthy and active. Certified personal trainers and group fitness instructors are in high demand as staying healthy becomes a priority for a large part of the population. The industry remains in a growth state regardless of the world health events and it is up to those who run and work in the industry to keep customers and gym goers safe and protected. However, it is everyone's responsibility to adhere to the new normal as we proceed.

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