

Smart Patients Get Smart Care™

Preventing COVID-19 and Other Respiratory Infections in Those with CLL / SLL During Peak Winter Months

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Speakers



Moderator
Brian Koffman, MDCM (retired), MS Ed
Co-Founder, Executive Vice President, and Chief Medical Officer
CLL Society





Speaker M. Veronica Dioverti, MDAssistant Professor, Transplant and Oncology, Division of Infectious Diseases Johns Hopkins University



Speaker
Robyn Brumble, MSN, RN
Director of Scientific Affairs and Research
CLL Society



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Preventing COVID-19 and Other Respiratory Infections in Those with CLL/SLL During Peak Winter Months

M. Veronica Dioverti, MD
Oncology Infectious Diseases
Johns Hopkins University

12/5/2023

Learning Objectives:



- Reinforce the need for continued infection control precautions, early testing and treatment for COVID-19
- 2. Review the latest recommendations on vaccinations for COVID-19 and other respiratory infections, and their limitations in those who are immunocompromised
- 3. Review relevant clinical trials related to COVID-19 for immunocompromised individuals and new treatments down the pipeline

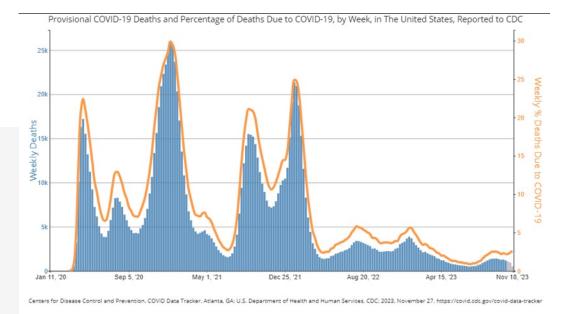
COVID-19: Where Are We Now?



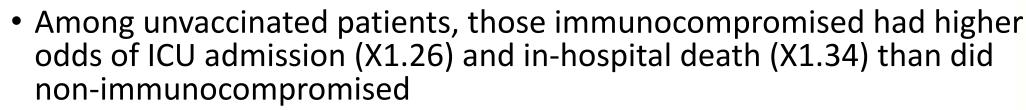
COVID-19 virus (SARS-CoV-2) is constantly changing and new variants emerge:

- Old variants may disappear or persist
- Symptoms are the same:
- Fever or chills
- Cough
- · Shortness of breath or difficulty breathing
- Fatigue
- · Muscle or body aches
- Headache

- New loss of taste or smell.
- Sore throat
- · Congestion or runny nose
- · Nausea or vomiting
- Diarrhea



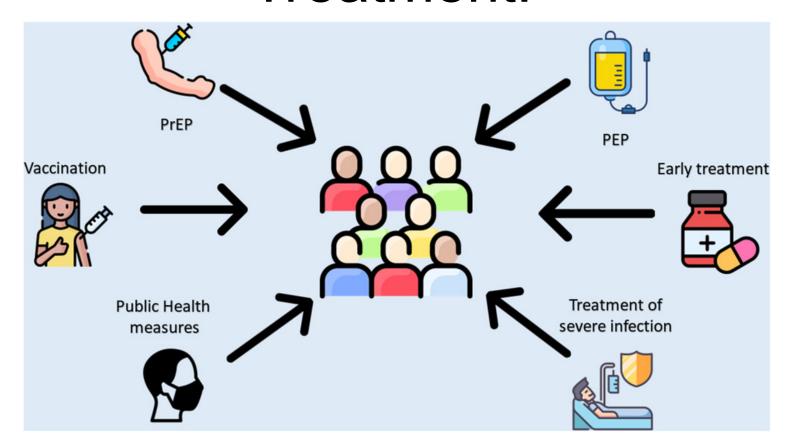
COVID-19: Immunocompromised





- Among vaccinated patients, those immunocompromised had higher odds of ICU admission (X1.40) and in-hospital death (X1.87) than did nonimmunocompromised
- Among immunocompromised patients, odds of death between vaccinated and unvaccinated patients did not differ:
 - Need additional protection from COVID-19
 - Monoclonal antibodies for prevention
 - Up-to-date vaccination of immunocompromised persons and their close contacts
 - Early testing
 - Early treatment
- All CLL patients are immunocompromised regardless of their treatment status, even those who have never been treated.

COVID-19: Prevention + Early Treatment!





Order free home testing kits through CDC website:

https://www.covid.gov/tests

Need help placing an order for your at-home tests? Call <u>1-800-232-0233</u> (TTY <u>1-888-720-7489</u>)

COVID-19 Vaccination



- Vaccines: Original (withdrawn 4/2023) / Bivalent (withdrawn 9/2023) / Updated
 - Everyone aged 6 months and older who is moderately or severely immunocompromised needs at least 1 dose of a 2023-2024 updated COVID-19 vaccine. Depending on the number of doses you've previously received, you may need more than 1 dose of updated vaccine:
 - If you have not gotten any COVID-19 vaccines (not vaccinated), you should get 2-3 doses of updated COVID-19 vaccine.
 - If you got 1 previous Pfizer-BioNTech or Moderna COVID-19 vaccine you should get 1-2 doses of updated
 COVID-19 vaccine.
 - If you got 2 or more previous COVID-19 vaccines, you should get 1 updated COVID-19 vaccine.
 - Talk to your healthcare provider about getting additional doses of updated COVID-19 vaccine.

COVID-19: No Previous Vaccine



1st Dose Pfizer-BioNTech

UPDATED VACCINE

2nd Dose

Pfizer-BioNTech

UPDATED VACCINE

3 weeks after 1st dose

3rd Dose

Pfizer-BioNTech

UPDATED VACCINE

At least 8 weeks after 2nd dose for children aged 6 months to 4 years. At least 4 weeks for people of all other ages.

1st Dose Moderna

UPDATED VACCINE

2nd Dose

Moderna

UPDATED VACCINE

4 weeks after 1st dose

3rd Dose

Moderna

UPDATED VACCINE

At least 4 weeks after 2nd dose

1st Dose Novavax

UPDATED VACCINE

2nd Dose

Novavax

UPDATED VACCINE

3 weeks after 1st dose

COVID-19: Previous Vaccine

One previous vaccine



Pfizer-BioNTech

UPDATED VACCINE

3 weeks after last dose

3rd Dose

Pfizer-BioNTech

UPDATED VACCINE

At least 4 weeks after last dose

Two previous vaccines

3rd Dose

Pfizer-BioNTech

UPDATED VACCINE

At least 4 weeks after last dose

Three or more previous vaccines

1 Dose

Pfizer-BioNTech

Moderna

or Novavax

UPDATED VACCINE

At least 8 weeks after last dose



COVID-19: Previous Vaccine



One previous vaccine

2nd Dose Moderna

UPDATED VACCINE

4 weeks after last dose

3rd Dose

Moderna

UPDATED VACCINE

At least 4 weeks after last dose

Two previous vaccines

3rd Dose

Moderna

UPDATED VACCINE

At least 4 weeks after last dose

Three or more previous vaccines

1 Dose

Pfizer-BioNTech

Moderna

or Novavax

UPDATED VACCINE

At least 8 weeks after last dose

COVID-19: Previous Vaccine

Novavax

People Aged 12 Years and Older

One or More Previous Doses

1 Dose

Pfizer-BioNTech

Moderna

or Novavax

UPDATED VACCINE

At least 8 weeks after last dose



COVID-19: Treatment

- Antivirals:
 - Remdesivir: approved in 10/2020
 - Intravenous only
 - Paxlovid (nirmatrelvir/ritonavir): approved in 5/2023
 - Oral only
 - Significant interactions with other medications!
 - Molnupiravir:
 - Oral only
 - Lower efficacy, last option
- "Passive immunotherapy":
 - Convalescent plasma
 - Intravenous immunoglobulin (or "IVIg")







COVID-19: Other



- Immunocompromised patients have prolonged intermittent symptoms: "Protracted COVID-19" please reach out to a provider as you may need further testing and treatment
- Clinical trials:
 - Monoclonal Antibodies for prevention:
 - AstraZeneca, Invivyd and Regeneron
- May not be recruiting. Check cllsociety.org

Other Viruses: Influenza

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Influenza

Vaccine	Approved Ages	Dose volume
Flublok Quadrivalent	≥18 years	0.5 mL
Fluzone High-Dose Quadrivalent	≥65 years	0.7 mL
Fluad Quadrivalent	≥65 years	0.5 mL

- Testing: with any new respiratory symptoms
- Treatment: oseltamivir (Tamiflu, as soon as possible!)

Other Viruses: RSV



Respiratory Syncytial Virus (RSV)

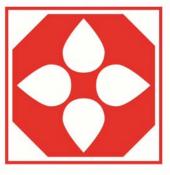
- Two vaccines available:
 - RSVPreF3 (Arexvy, GSK)
 - RSVpreF (Abrysvo, Pfizer)
- Single dose for adults aged 60 years and older
- Testing: along with COVID-19 and Influenza
- Treatment: oral ribavirin

Respiratory Viruses



- If any respiratory symptoms:
 - Test immediately!
 - Start with COVID-19 home Ag test
 - If negative, rapid COVID-19/Flu/RSV at urgent care or at your provider's office
 - Immediate treatment!
 - COVID-19: Paxlovid, remdesivir, monupiravir
 - Influenza: Tamiflu
 - RSV: ribavirin

Pneumococcal Vaccine



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Conjugate vaccine history	No prior PCV or PCV7		Received PCV10 or PCV13		Received PCV15		PCV20
PPSV23 vaccine history	No PPSV23	Received PPSV23	No PPSV23	Received PPSV23	No PPSV23	Received PPSV23	
	Give PCV20 [‡] Our authors also prefer to give PPSV23 ≥8 weeks following PCV20 to provide immunity against more serotypes [§]	Give PCV20 [†] ≥1 year after PPSV23 dose [§]	Give PCV20** ≥1 year after PCV10/13 dose Our authors also prefer to give PPSV23 ≥8 weeks following PCV20 to impart immunity against additional serotypes§	Give PCV20** ≥5 years after last pneumococcal vaccine dose§	Give PPSV23 ≥1 year after PCV15 dose [§]	Give PPSV23 ≥5 years after last PPSV23 dose [§]	Our authors also prefer to give PPSV23 ≥8 weeks following PCV20 to provide immunity against more serotypes§

All immunocompromised patients should receive pneumococcal (or "pneumonia") vaccine



Thank you!



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CLL Society's COVID-19 Action Plan

Robyn Brumble, RN, MSN Director of Scientific Affairs CLL Society

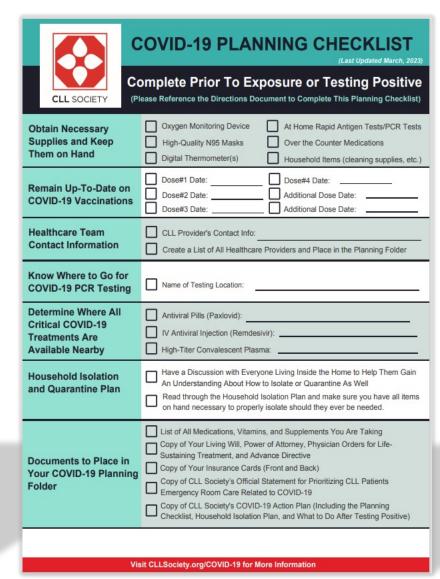
Complete Prior to COVID-19 Exposure



Directions for Completing the COVID-19 Planning Checklist

CLL Society highly encourages individuals living with CLL to prepare ahead of time and have a comprehensive COVID-19 Plan already in place just in case you have either a known exposure or receive a positive test result. The following are guidelines to assist you in completing your personalized COVID-19 Planning Checklist. Please keep all printed information in a designated COVID-19 Planning Folder that can be easily accessed if needed.

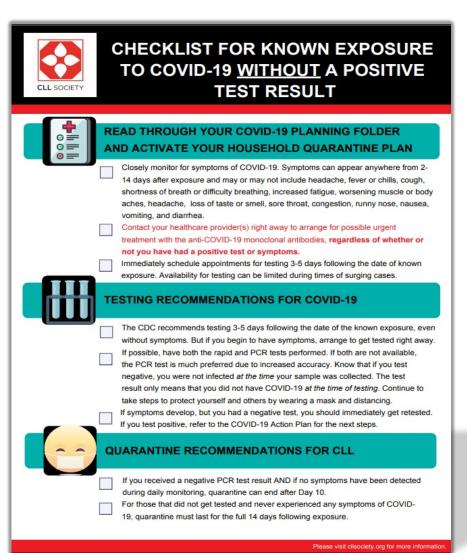
- 1) Obtain an oxygen (O2) pulse oximeter (O2 saturation monitoring device) and have it readily available in your home. Inexpensive O2 pulse oximeters can be purchased on Amazon or from your local drug store.
- 2) Have a reliable digital thermometer available. If you only have oral thermometers in your home, consider purchasing one for each member of the household to prevent spreading the virus to other family members.
- 3) Know ahead of time where you will go to get tested for COVID-19, and confirm they will perform the necessary testing:
 - . The location you choose should be willing to offer you BOTH the rapid test and the PCR test at the same time. Remember, the Rapid test can indicate evidence of COVID-19 infection, but the PCR is typically more accurate. (Please also note, some rapid tests will not detect variants).
 - · Always err on the side of caution and get tested right away should you experience any respiratory symptoms, or if you have known exposure to COVID-19. Do not dismiss allergy or cold symptoms!
 - . The earlier you know, the earlier you can receive treatment, which is of utmost
- 4) High titer convalescent plasma should be administered early after diagnosis and is authorized under the EUA (Emergency Use Authorization) for the treatment of hospitalized patients with COVID-19 and impaired immunity. That would include CLL patients. It is not used in severe COVID-19. Convalescent plasma may need to be administered more than once.
- 5) Monoclonal antibodies directed against the COVID-19 spike protein have proven to help high-risk patients and should be given within 10 days of diagnosis and can be given outpatient. The earlier the better! You must investigate ahead of time which hospitals in your area provide rapid access to this critical COVID-19 treatment! COVID-19 monoclonal antibody therapies are not available everywhere and are most likely not available at your local small community hospital. So please spend time finding out exactly where you can access them quickly should you need them. It is also important to understand the criteria that make you eligible for receiving this critical COVID-19 treatment should there be any pushback when you advocate for receiving it:
 - Search this map to find the hospitals in your area that have monoclonal antibody therapy available, and make it part of your plan to visit their emergency room if COVID-19 treatment becomes necessary.





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Known Exposure, Positive Result, and How to Quarantine





HOUSEHOLD QUARANTINE PLAN



Why Is it Important To Have a Quarantine Plan in Place Before You Become Infected with COVID-19?

Receiving a COVID-19 diagnosis can be stressful and confusing, especially if you are not prepared. Having a self-quarantine plan will help everyone in the household know exactly what to do should the virus infect someone within the home. In addition to this checklist, learn as much as you can in advance about standard infection control precautions that may help decrease the possibility of spread. Place this document within your COVID-19 planning folder to refer to if needed.

help decrease the possibility of spread. Place this documer within your COVID-19 planning folder to refer to if needed.
Have plenty of masks available. Everyone in the household should plan on wearing a tightly-fitted mask (preferably an N-95) over their nose and mouth as much as possible, especially when in direct contact with anyone else in the home.
Keep your distance from others. Stay in a designated room by yourself and use a bathroom separate from the one used by others in the household. Keep your bedroom and bathroom door closed when possible. Have someone else prepare meals and leave them outside your bedroom door.
Do not leave your home (unless necessary for medical care). Identify family, friends, or community groups to help deliver groceries, medications, and other supplies to your front door. Have their contact information readily available as part of your quarantine plan.
If living with others, increase ventilation within your home. Open windows and outside doors (when the weather permits), operate attic/window fans or run a window air conditioner with the vent control open to increase the indoor/outdoor airflow.
Have necessary supplies on hand. Consider creating a kit that includes items such as thermometers for each person in the home, electrolytes, teas, over-the-counter medications, cleaning supplies, hand sanitizer, disposable gloves. Kleenex, etc. Speak with your healthcare provider about what vitamins or

over-the-counter medications might be helpful to have readily available as well.

disinfect your designated sick room and bathroom if possible.

with soap and water after using them.

Wipe down high-touch areas every day with a disinfectant. This includes doorknobs, light

switches, phones, remote controls, appliances, sink, toilet, countertops, etc. Let someone else disinfect high-touch surfaces in the common areas of the home. But you should also clean and

Do not share any items with others in your home. This includes dishes, drinking glasses, eating

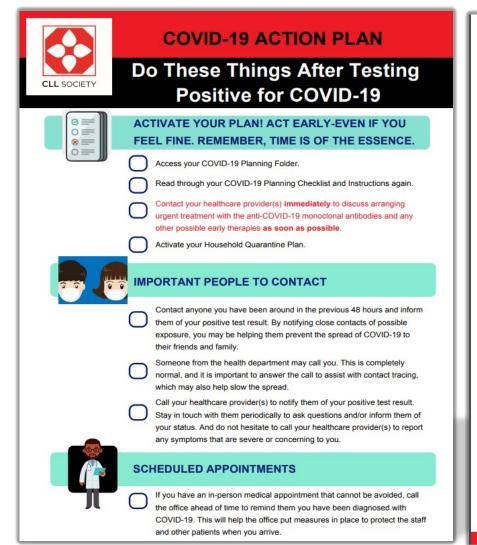
utensils, towels, or bedding. It is important to wash all items used by the infected person thoroughly



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For more information, please visit cllsociety.org

What Do I Do If I Do Get COVID-19?





COVID-19 and may remain contagious after symptoms resolve.



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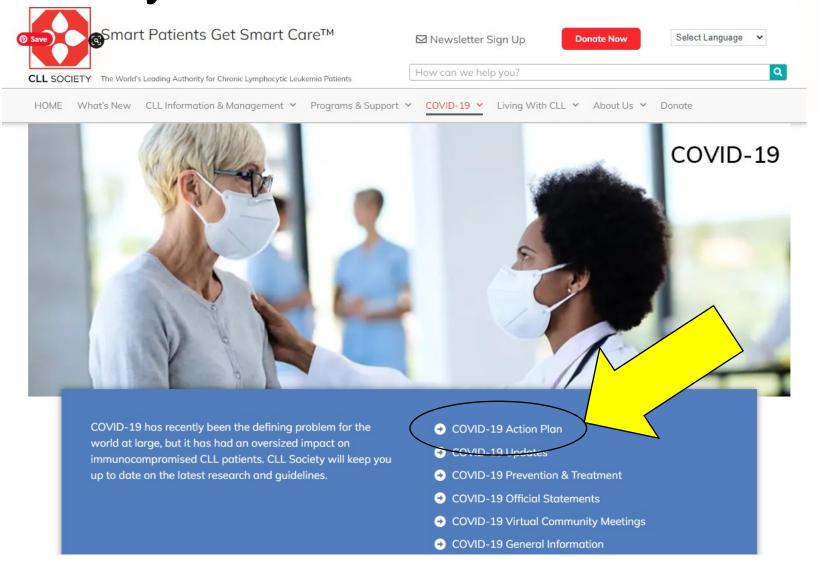
Where to Find the COVID-19 Action Plan On CLL Society's Website







Where to Find the COVID-19 Action Plan On CLL Society's Website





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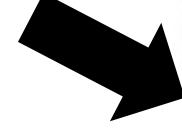




Checklists for Chronic Lymphocytic Leukemia (CLL)
Preparing for Pre- and Post-COVID-19 Exposure

Downloading and completing the CLL Society's COVID-19 Action Plan could save your life.

Complete and print this action plan, which will help you prepare in advance for possible exposure, testing positive, time sensitive therapies, and home management, including what you need for safe isolation, and much more. Preparing in advance can minimize the panic that many experience when exposed or diagnosed because you will have a written plan to guide you. If you do only one thing to protect yourself and your loved ones during the pandemic, please complete your family's COVID-19 Action Plan. The life you save might be your own.







COVID-19 Action Plan

COVID-19 Updates

COVID-19 Prevention & Treatment

COVID-19 Official Statements

COVID-19 Virtual Community

Meetings

COVID-19 General Information

RECENT NEWS

When appropriate, the CLL Society will be posting updates and background information on the present Coronavirus pandemic

Important Takeaways

- Complete the checklists ahead of time-BE PREPARED!
- Keep them in an easily accessible place, such as a folder
- Discuss your plan with others within the household
- If you have known exposure, symptoms, or a positive test result-pull out the plan and act fast! Time is of the essence.





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Thank You for Attending!



Please take a moment to complete our **post-event survey**, your feedback is important to us

If you're question was not answered, please feel free to email asktheexpert@cllsociety.org

Join us for our next webinar "ASH 2023 Comes To You!" early next year

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