

Wisconsin Nurses Association – Continuing Nursing Education Program  
**2020 APRN Pharmacology & Clinical Update**  
 COMPILED EVALUATION RESULTS  
 Virtual ZOOM platform

**Tuesday, August 18**

**Plenary Session 2**

**TITLE: COVID19 Pharmacotherapy: Lessons Learned through Wave 1, Preparing for Wave 2, and Keys to Emerging from the Pandemic**

**PRESENTERS:** Tom Dilworth, PharmD  
 Lucas Schulz, PharmD, BCIDP

# Registered (8/11/20): 211 # Completed Evaluation: 219

		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The presenter(s) demonstrated expertise in this content area.		192	25	2		
The information presented was relevant to my learning needs/practice situation.		177	34	8		
					<b>YES</b>	<b>NO</b>
Do you intend to make a change in practice based on what you learned in this session? Please explain:					108	111
<b>YES</b>	<p><i>Already talking to colleagues about information learned during this lecture.</i></p> <p><i>Although I don't treat or directly care for patients with COVID, hearing the most current information regarding COVID treatment and vaccine information is helpful as a HCW in general.</i></p> <p><i>Appreciate review of current data</i></p> <p><i>Appreciated in particular the covid update with medications.</i></p> <p><i>As an outpatient provider I feel better able to educate patients on progress of COVID research, validity, use of hydroxychloroquine, etc.</i></p> <p><i>As the presenters mentioned there is so much information it is like drinking from a firehose. The presentation was wonderful in how they distilled down the most up to date information on COVID19 and provided pearls to look for what is coming at this time every changing and will need to monitor for the most current information and treatments as they become available.</i></p> <p><i>Awareness of all that is being worked on and coming down the pike</i></p> <p><i>Be leary if studies done too fast for vaccine production without safety components in place</i></p> <p><i>Better ability to explain the "vaccine" to my patients and their families.</i></p> <p><i>Better explanation to patients about drug treatments available and the vaccine process</i></p> <p><i>Better informed about COVID 19 treatments and vaccines</i></p> <p><i>Better understand the pharmacological solutions to COVID19</i></p> <p><i>Better understanding</i></p> <p><i>Better understanding of emerging meds to treat covid.</i></p> <p><i>Better understanding of the drugs and their efficacy.</i></p> <p><i>better understanding of what treatments do and do not work</i></p> <p><i>Broader perspective</i></p> <p><i>Can explain current CoVid situation to my patients.</i></p> <p><i>continue EBP and helping to educate patients/peers/family/friends r/t EBP of COVID19, and how we all need to work together to get thru this evolving pandemic.</i></p> <p><i>continue to share with patients when asked about medications/ immunizations being developed but not yet safe/ approved - need to keep informed</i></p> <p><i>Continue with treatment updates</i></p> <p><i>Educate my colleagues as some still believe there is a place for Hydroxychloroquine</i></p> <p><i>Educate my patients regarding different therapies that have been suggested as treatment therapies for COVID, especially those proven ineffective</i></p> <p><i>Encourage continuation of prevention methods and promote vaccine use when available</i></p> <p><i>everything is new with COVID</i></p> <p><i>Excellent presentation on the COVID virus and what to expect for the future. While the future of COVID is not fluid, I am more aware of what to expect.</i></p> <p><i>excellent science</i></p> <p><i>Good COVID summary on current data and good information to pass onto others. More for inpatient use, I work outpatient.</i></p> <p><i>good overview of the latest treatment plans and what to watch for in the coming months</i></p> <p><i>Good review and important info presented that applies to my everyday practice</i></p> <p><i>good review of the possible medication options for COVID-19. Discussed the lengthy time for vaccine development.</i></p> <p><i>Great tools</i></p> <p><i>Great update on where we are currently at with Covid-19.</i></p> <p><i>HCQ RCT studies on use in Covid showing less efficacy than case studies earlier. New and emerging treatments helpful. Vaccine progress helpful information to share with patients.</i></p>					

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	<p><i>Helpful data driven info.</i></p> <p><i>I am more aware of where we are at with the COVID-19 vaccine development so I can inform my patients.</i></p> <p><i>I don't work with hospitalized patients, so I'm not sure how much I will be using medication to treat, but I have definitely learned more information about this virus that I can disseminate to my family, friends, patients and coworkers.</i></p> <p><i>I feel more able to answer questions from patients on what has been tried and what is being worked on for Covid19. Thank you!</i></p> <p><i>I learned a lot about COVID treatment</i></p> <p><i>I now have relevant scientific information to discuss, teach and make decisions regarding the current pandemic of Covid.</i></p> <p><i>I think a review of all of the current information was helpful. There is so much information out there and it is difficult to keep on top of it. I think it will be most helpful in talking with patients, family, and friends who ask me questions daily about COVID and what I think.</i></p> <p><i>I will be eagerly watching for vaccine developments.</i></p> <p><i>I work in long term care - if patients require any of the therapies, they would be treated in the hospital. This information will help me with goals of care discussions and when families/patients ask about Covid infections and different medications they've heard about.</i></p> <p><i>I work in sub specialty care, but believe I can reinforce the proper information around COVID with patients as they ask questions.</i></p> <p><i>Increased awareness of current therapies will expand my depth of understanding of my patients who have had inpatient treatment and sequelae.</i></p> <p><i>increased awareness of the process, plan to keep up on this more now too</i></p> <p><i>It's helpful knowing where the vaccine stands with development and current possible treatments for the condition. I look forward to the vaccine and how to incorporate it into my practice and patients by having research behind it.</i></p> <p><i>Keeping up to date with medications used for Covid</i></p> <p><i>monitor daily changes on covid and to continue to maintain universal precautions</i></p> <p><i>More confidence in responding to patient questions, demands and concerns.</i></p> <p><i>More information to educate patients and dispel myths.</i></p> <p><i>more knowledgeable about COVID medications/treatment</i></p> <p><i>Now I am more aware of current inpatient treatments.</i></p> <p><i>Offer more insight to patients and co workers about vaccines</i></p> <p><i>Practices update</i></p> <p><i>Provide information on the developments emerging from the pandemic to my team.</i></p> <p><i>The lecture increased my knowledge base for patient questions, excellent presentation, thank you.</i></p> <p><i>This information will be helpful for me in my practice location once I am aware of the incidence of covid 19 in the setting. I am going to be new to the area and new to the practice setting so this information was informative for now, but once I have a better understanding of how it will affect my current practice I think this will be useful.</i></p> <p><i>This was great given our current situation. I have not had much direct interaction with COVID19 patients so this was a good review.</i></p> <p><i>This was incredibly informative and helpful! Many of my patients bring up questions about the material we reviewed; I appreciate having a stronger scientific position to address their questions from.</i></p> <p><i>This was my favorite session so far. Really good and topical update from incredibly knowledgeable colleagues, straight to the point. Loved it!</i></p> <p><i>Understanding and educating our patients in this issue of vaccine readiness.</i></p> <p><i>Update on medication and vaccine information will be good for further discussion with my patients.</i></p> <p><i>use of dexamethasone</i></p> <p><i>Very educational. try to read and be up to date on treatment and recommendation for covid-19.</i></p> <p><i>Will continue to evaluate the evidence for vaccine and treatment of COVID-19 prior to recommending treatment to patients, especially as there is increased pressure to roll out a vaccine by January 2021.</i></p> <p><i>Will continue to use the guidelines.</i></p> <p><i>Will help me better explain treatment options for Covid-19. Will also be able to provide better information regarding the safety/efficacy of a Covid-19 vaccine when it is developed.</i></p>
<p><b>NO</b></p>	<p><i>already doing</i></p> <p><i>Already practice with COVID awareness.</i></p> <p><i>But it is great to have accurate, up to date, reliable resources/references and language to share with patients, colleagues, and community members if the topic of COVID arises.</i></p> <p><i>But will be alert to future developments within treatment and especially immunizations for COVID-19</i></p> <p><i>Continue my current practice</i></p> <p><i>Do not work with COVID patients.</i></p> <p><i>Don't take care of covid hospitalized patients</i></p> <p><i>great information</i></p> <p><i>Great information</i></p> <p><i>Great information on where we are with Tx and vaccinations. Thanks</i></p> <p><i>Have a better understanding of current in hospital treatments. This will not change my practice.</i></p> <p><i>I am not in an acute care setting, thus will not be applying these recommendations.</i></p> <p><i>I appreciated the good overview of current knowledge/research provided, but I will not be making a change in my practice because I do not currently manage COVID-19 patients.</i></p>

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*I continue to follow studies and science.  
 I discovered I'm pretty well versed in Covid. Include the time frames for testing to help ensure that they are accurate. For the active disease, it is 3 - 8 days after symptoms. For the antibody, I think it is 18 - 35 days.  
 I don't know what I could change, it is already changing nearly every week right now  
 I don't practice in this area - I'm currently teaching, but this information will help me to share with students and those in my circle who have questions about what is going on and what's in the mainstream media.  
 i will not see these patients but fascinating and thoughtful presentation. useful to me as a person  
 I work in outpatient - but great info  
 I work in rural clinic with the elderly. not a lot of direct contact with COVID treatment but good to have knowledge base to share with patients.  
 I'm not testing for or treating COVID in my clinic  
 Information was great but no plans for medications, vaccinations, etc for my patient population.  
 It was very interesting to hear updates on potential future vaccinations and current treatments. I work with gyn/onc cancer patients, so not directly something that I will be implementing, but helpful information to provide to patients.  
 Knowledge based.  
 Lots of evolving studies, practices. Appreciate the summary and update.  
 Mostly informational as I am not routinely caring for COVID 19 patients currently.  
 Not currently practicing, but relevant to anyone these days  
 Retired. However, every morsel of this presentation was very helpful.  
 Thankfully I don't treat covid in psychiatry, lol!  
 The information was very interesting and relevant, but I do not care for COVID patients directly  
 The speakers gave me great information about where things are with COVID but nothing that I need to change in my day to day  
 The updated information was great, and much appreciated.  
 This presentation verified that my place of employment has done a wonderful job implementing safety measures in regard to COVID-19.  
 Waiting to see what happens with COVID and policies before making any practice changes  
 We aren't quite ready yet for some of these things, but great overview of the information that is out there. I do not currently care for any COVID positive patients.*

	<b>YES</b>	<b>NO</b>
Did you notice any bias or promotion of commercial products in this presentation? If YES – please explain:		219

YES

Do you have feedback for the presenter(s)?

*Appreciated this presentation. There are many questions with COVID19 and this helped me understand where the research stands at times hard to follow, but I think it was just the virtual aspect  
 Awesome job explaining vaccine trials vey interesting  
 Be great to have your knowledge at the ready!  
 Both were excellent speakers.  
 Bottom of slides were obscured by Zoom task bar--some lines of text were hidden. The scientific explanation, at the cellular level, to explain the inefficacy of HCQ was really helpful. Both speakers were clearly knowledgeable and were able to readily distill (without dumbing down) clinically relevant information for NPs.  
 Enjoyed this talk!  
 Excellent  
 Excellent overview of the current state of knowledge.  
 Excellent presentation.  
 Excellent presentation. So relevant and an amazing amount of information.  
 Excellent presenter.  
 Excellent speakers  
 excellent summary information of where the US is with covid treatments and vaccinations  
 Excellent team of presenters.  
 Excellent unbiased presentation of current Covid treatment. This is a challenging topic in this political climate and you handled it very well.  
 Excellent up to date info - thank you for summarizing so much information in a short amount of time  
 Fantastic presentation, I loved the straightforward approach and transparency in how complex this is going to be to manage now and in the future  
 Good presentation and timely.  
 good slides  
 Good summary of current data. Both speakers very knowledgeable.  
 Great info. Good summarization of ongoing literature and I liked the information regarding the vaccinations and where they are at.  
 Great information. Awesome job!  
 Great input, and review. Thank you for laying it all out there for us!  
 Great Job!*

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*Great presentation*

*Great presentation - really appreciated the review of science based evidence in effective treatment strategies and those that are not.*

*GREAT PRESENTATION!*

*Great presentation!*

*Great presentation. It was nice to have a comprehensive but concise update on COVID. There is so much information out there, it can be difficult to keep up, this was a much appreciated presentation.*

*Great presentation. I would love to hear more presentations by this group of presenters on updates with covid, treatments, trials, and vaccine.*

*Great state of the research update on COVID pharmacotherapeutics and vaccines. It is great to see some of the literature out there. I really enjoyed this presentation.*

*great summary of treatments so far*

*Great!*

*I have heard these speakers before. They are very good.*

*I thought this was an excellent review of the literature and a great summary of the trajectory of the pandemic overall.*

*i will not see these patients but fascinating and thoughtful presentation. useful to me as a person*

*Important presentation appreciate the review and updates.*

*Interesting and relevant topic.*

*It's always fantastic to listen to pharmacists share their wealth of information regarding various treatments and the safety/efficacy of vaccines.*

*Keep doing what you're doing and do it often for all levels of care. We have got to override the insanity of misinformation by being really armed with good scientific information at our fingertips to combat the stupidity and also the fear*

*Nice job! Thanks for the overview on where we are at with COVID-19!*

*Please consider outpatient recommendations for treatment of covid.*

*Really enjoyed this session...very engaging!*

*such valuable information and such current info. especially liked discussion on vaccine development, I get asked about this a lot.*

*Thank you both! Excellent and succinct presentation of this ongoing challenge. Also really appreciated your slides!*

*Thank you for displaying and sharing your breath of knowledge in this area!*

*Thank you for the most up-to-date information!*

*Thank you for what you are doing for health care and helping to inform us today; realize takes significant time to put together a presentation - which took time away from work and personal life - so thank you; wish I would have had time to print hand-outs prior to listening to the session; but not available until started - printed off after presentation*

*Thank you for your time and expertise, gentlemen.*

*Thank you!*

*Thank you! Excellent presentation!*

*Thank you, appreciate you sharing your expertise.*

*Thank you, so relevant.*

*Thank you. Awesome presentation*

*They were very informative*

*This presentation was very well done! I felt at ease by the end of it because it verified everything I have learned and have been actively doing regarding best practices to reduce transmission of COVID-19.*

*This was a great presentation with the most up to date information that you had at your disposal.*

*Thought this was very well done and provided us with the most current information on a virus that is constantly changing our world and practice. Thank you so much!*

*Up to date information.*

*very good*

*very good presentation on a very hard topic*

*very nice update, though sounds like outlook is quite somber*

*Very nicely organized presentation full of relevant and up to date information.*

*Very relevant and up to date.*

*very up to date. good presentation*

*well done*

*Well done. I wish the moderator would have let you answer all the questions and keep the screen on so we could have read all the question answers.*

*Well presented*

*Would like to hear at future conference - on – 'Where did we go wrong?'*

*You do good work!*