Washington County EMS Alliance











Washington County EMS Alliance Governing Board Meeting Minutes February 25, 2021

Attendance:

Member/Delegate			Back-Up Delegate	
Present	Name	Jurisdiction	Present	Name
X	Chief Downey	City of Hillsboro		TBD
	TBD	City of Forest Grove		TBD
X	Sia Lindstrom (Chair)	Washington County		TBD
X	Rodney Linz	Banks Fire District		TBD
X	Deric Weiss	Tualatin Valley Fire & Rescue		Kenny Frentress

Other Interested Parties/Staff:

Adrienne Donner (WCEO), Jack Nuttall (WCEO), Tim Case (WCEO), JD Fuiten (MWA), Ritu Sahni (WCEO), Gaby Rodriguez (WCEO), Kristin Chaffee (TVFR), Shane Ryan (MWA), Steve Boughey (TVFR), Tom BeLusko (MWA), Jennifer Reese (WCCCA).

Summary of Actions and Decisions

- 1. Adoption of the Agenda
- 2. Review and approve October's and December's meeting minutes
- 3. Vice Chair Elections
- 4. Cardiac Monitor Discussion
- 5. Workgroup Updates
- 6. Strategic Direction
- 7. EMS Staff Update
- 8. Covid-19 Response and Vaccine Planning

Opening Comments

Sia Lindstrom opened the meeting at 1:11 p.m. and welcomed everyone.



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Adoption of the Agenda

Sia Lindstrom welcomed a motion for approval of the agenda. Chief Weiss made a motion to approve, Chief Linz second motion to approve, all in favor said aye. Agenda was approved.

Review and Approve Minutes

Sia Lindstrom asked for changes or approval of October **and December's** meeting minutes, Chief Linz made a motion to approve as presented, Chief Downey second the approval motion. All in favor said aye. Minutes were approved.

Vice Chair Elections

Sia Lindstrom mentioned she was surprised to be reelected as Chair and put forward a name for approval as Vice Chair, she proposed Chief Downey as Vice Chair. Chief Weiss made a motion to approved Chief Downey as Vice Chair. Chief Downey agreed to be Vice Chair. All were in favor.

Public Comment

Sia Lindstrom asked for those who wanted to comment to raise their virtual hand or hand on video. No public comment.

Cardiac Monitor Discussion



Monitor workgroup.pptx

Sia Lindstrom invited Dr Sahni to talk on this topic and Dr Sahni said Chief Boughey would help with the presentation. The PowerPoint cardiac monitor presentation was shared on the screen. Dr. Sahni discussed the problem statement of where they are at. They have to have a cardiac monitor, they have to be able to cardio vert, fibrillate, take 12 lead EKGs, and those are all standards of care, making it a mandatory piece of equipment. Regionally there has been conversation as to when they will be moving up to the next generation, and now there is a significant problem since the monitors they had elected in the early 2000s are now end of life. Most of the agencies in Washington County are needing to replace their monitors as early as this year. Clackamas, Canby and Molalla are on the same monitor that Washington County is on. Other agencies are not but have discussions about changing. He added the benefits on regional approach are patient safety, interchangeability during crisis, enhanced ability to share data for improved patient care, regional approach in service maintenance, and group pricing. Dr. Sahni said they see advantages in being more limbal if they are all using the same device. He welcomed Chief Boughey to present with him on next slide the process.

Chief Boughey said this process started before COVID, there was other circumstances that derail the process. Agencies participating set a timeline to accomplish this work, knowing they were in a time crunch as some agencies are in dire need to replace their cardiac monitors. They set up this group and came up with a survey to figure out what they wanted out of a heart monitor, what is important and what is important to the region. He expressed that they like to get the monitors and use them on the field with different crews so that they can get a better feel for these devices. But because of COVID they were not able to do things this way. Therefore, they came up with the

survey. They also did users hands on these monitors; they did road shows (rodeos), they put crews with vendors to simulate the needs and then they filled out the survey. They did the best they could with this "test" population to really figure out which monitor best fit their needs. They also had administrative/clinical level, EMS staff meet with the vendors to take a deeper look at what was offered clinically, what the data looked like, what was the data analytic capability of each vendor on the back side and then took a deeper look at warranty and services and overall company relations. That was conducted by medical directors and EMS staff from these agencies, then they put all the result together.

Chief Boughey continued to talk about the next slide, Consideration, crew usability, clinical features, data management and how can the county benefit from the data, service, warranty, and cost.

Dr. Sahni, mentioned the three options, Philips Tempus ALS this is the newest, developed in 2011 does not have a defib pacing capability which is a key component to the EMS care. Unit comes in two pieces; one is a monitor component and the other is therapy component. It has the most advanced features. It has ultrasound, video laryngoscope was pointed out which is part of the EMS system.

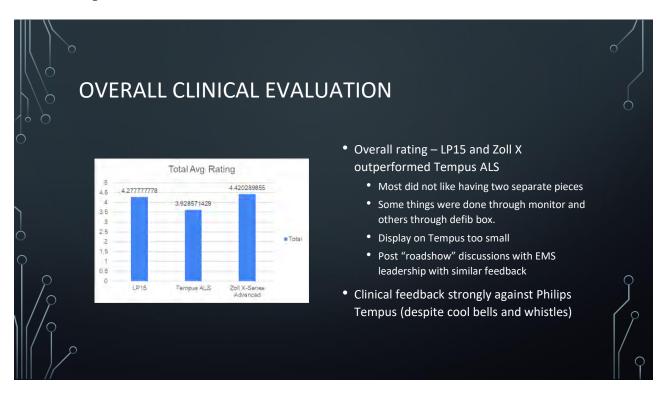
Next was ZOLL X- series, initial developed in 2012 this newest device developed 2020, similar to x-series. It has real time ventilation feedback.

Stryker Lifepack 15V.4, used by Multnomah County. This does not have real time CPR feedback. They are expecting the new generation to be ready in 2023. Dr. Sahni mentioned that he and a group of other have been involved in the market research for this new unit that will be available in 2023.

Chief Boughey showed the results of the End user evaluations. He explained that in the past they have experienced trouble on connecting cable to the Philip model because of the port design. They looked at how easy it is to collect data, as they are a data collection machines, they have AI capability devices, and collect a massive amount of data used for QI. The bar graph shows the scoring averages of the three monitors. The LifePack and ZOLL had higher results. The Philip had lower results, they think it was because of the two-piece component and it was more difficult to navigate the Philip features. They had an average of 30-70 providers do the surveys on each device.



These categories were CPR feedback.



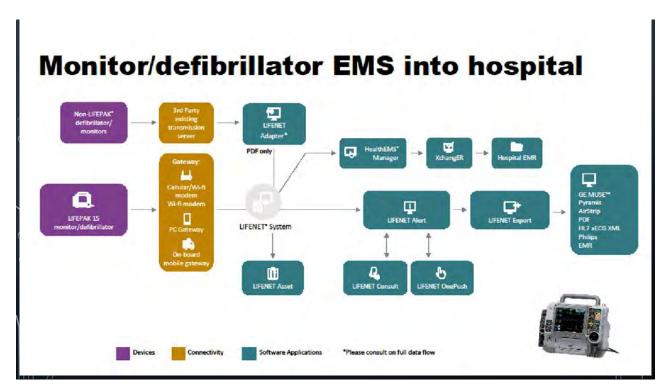
Chief Boughey share overall clinical evaluation, ZOLL and LifePack compared the most clinically. He spent time talking to crews and they received very similar feedback from the crews. Chief Boughey commented that this data shown is from the survey they conducted within all agencies.

Dr. Sahni mention **it's** important to understand mechanical CPR is not something they have widely in their system right now. Hillsboro, Forest Grove and TVF&R have a couple

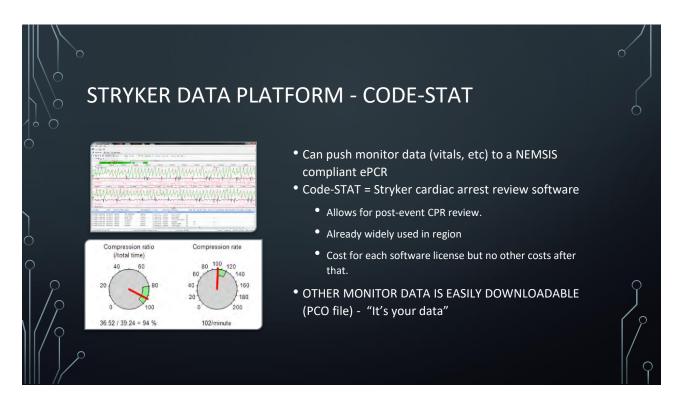
mechanical monitors. Most medical direction prefers the LUCAS device. Important for the patients who are being transported early on cardiac arrest, as once you start moving a patient your quality in CPR is terrible, mechanical is something the system needs to have implement. Multnomah County uses LUCAS devices and some Clackamas agencies also use LUCAS. ZOLL and Stryker seem to be ahead of the Philip device with the ability to analyze data. Electricity used to shock someone is significantly higher with the Stryker system. Based on all their research and feedback they felt the Philip is disqualified.

They looked at the other pieces and focused on ZOLL and Stryker. They wanted to look at other data components, integration of data into ePCR, how easily is the data transmitted to hospital, does the data integrate with other products, also being able to get the data out of the box and to review other clinical problems.

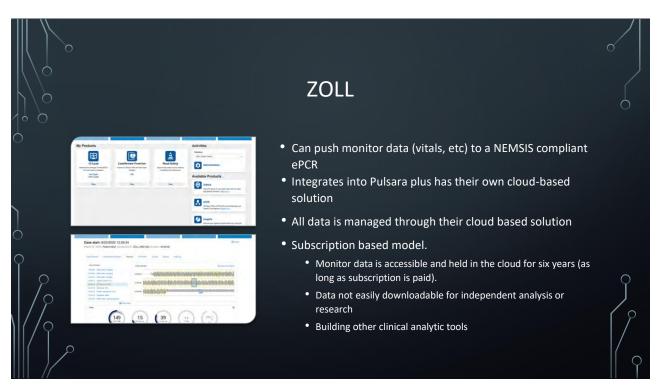
The LifePack's way of data being transported slide was shared.



He added that Stryker (LifePack) uses code stat, allows for post event CPR review. When asking about how to access the data, everyone they spoke to said it is your data and you should have access to your data and be able to use it as you want. They felt this was important.

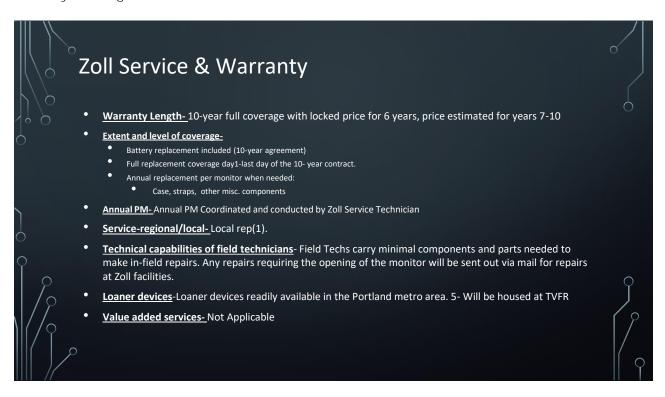


ZOLL is a subscriptions-based model, accessible for 6 years as long as you pay for the system. The system made it difficult to pull data.

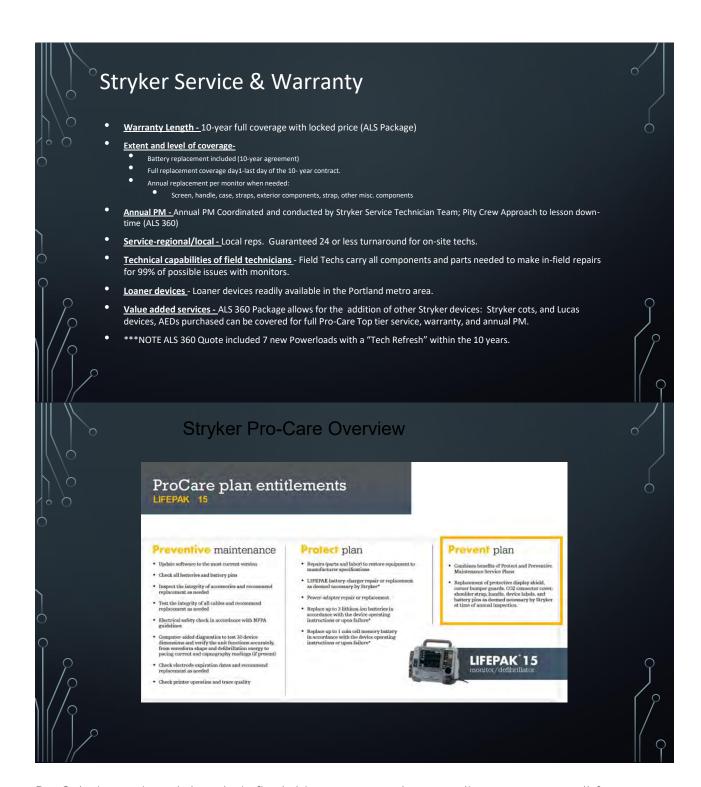


Chief Boughey mentioned he had IT look at these options, the summary is that there is a lot of hidden cost that are not on the bid. He added that IT said if they go toward ZOLL it will be most difficult and may need to hire a designer, it will take a lot more work and will be more costly to integrate with ZOLL.

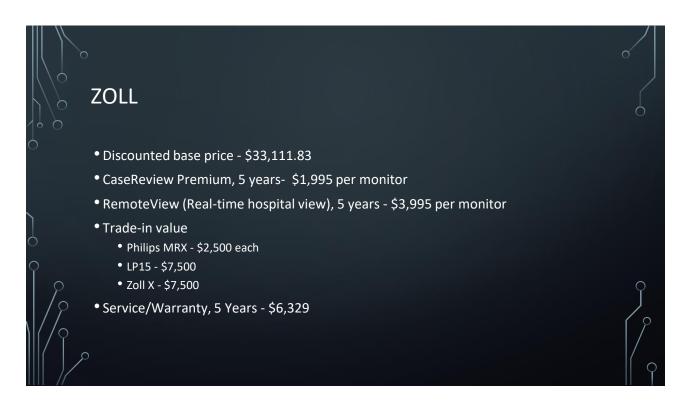
Service and warranty targeted 10-year warranty ZOLL did locked price for 6 years. You can pay extra to have batteries swapped in the warranty or you can choose to not pay for that. Full replace coverage from day one to the last day of the 10 years. They will annually replace some items when they service your unit, like case, straps, and other miscellaneous items. He added that the PM they do annually, and they have one ZOLL practitioner in Canby. To have major repairs done you would have to send it to headquarters in Boston. The Field technical capabilities are they can do exterior work but if they need to get into the monitor it will then need to be mailed in and they will provide a loaner device. They did offer to house 5 extra loaner devices at TVF&R to be used by the region.



Stryker offers 10-year full coverage with lock price for the 10 years. Full replacement from the first day to last day in the 10 years. During the annual inspection they replace the monitor protection, handle, case, straps. Annual PM is conducted by Stryker Service Technician Team, they bring a whole crew. The out of service time is short as they have a lot of local reps, they have 24 hours turnaround time and loaner devices are available in the area. Field technicians do all work on site. They say that 99% that could be wrong with device they could repair on site. You can add other Stryker devices into the 10-year maintenance agreement for a cost, but they do offer a discount.



Dr. Sahni mentioned that their final thing was cost, he sent direct quotes to all for review. Dr. Sahni asked for quotes and made the companies aware of the presentation today. The two options being ZOLL base price \$33,000 per monitor + 1,995 to access your data thru their web-based portal in their 5-year plan. Remote review is not something they would not need.



Stryker price is cheaper, no fee for data, if you need to access the data you need to pay \$1800 for the Code-Stat per computer that you want you to have it on. Warranty roughly the same, trade in value is higher than the Phillips model. New model coming in 2023 and they are guaranteed 70% trade in value to use on new monitors. ASL 360 program with Stryker allows bundling and can be purchased by the agency or collectively, in cases the county has purchased this. It locks in your 10-year price, your cost is \$68,000 over 10 years and you can pay it all or monthly. With this plan when the new model comes out, you call them, and they send the new one, but you have to have more than one device. If you do it as a region there will be multiple devices.

Based on all of this, the group met and recommended the Stryker LifePack and since they have a tight time line, they recommend to go with current model and look into going to the newer model once it comes out in 2023, since they are locked on that option. He mentioned that maybe not all agencies will choose to go with the ASL 360 program but no matter what they decided to go with, Dr. Sahni said that they should choose as a group on the monitor they get.

Sia Lindstrom thanked them and opened it up for discussion and how they frame this decision. Chief Weiss thanked everyone who was a part of the group and said he appreciated the presentation. He had questions for them; can you lock in prices for agencies who currently do not need new monitors?. He added that there is a few that have to replace and some that do not need to replace like Hillsboro. Second question, is the lock in rate 70% within the two years? What if they bring out the new monitor after the 2 years, does the scale shift?. Chief Boughey answered that he never had direct conversations with either reps about delayed price lock situation but based on all that the vendor was able to agree on he believes they would agree on the price lock for them. They agreed on lock in percentage off on other devices. He asked them, can you quarantee that the LUCAS device would cost x in x amount of time, they said they

cannot do that but they guaranteed a lock in percentage 25 %, not exact on the percent off but it is off the AEDs, LUCAS, and stretchers **it's** off the retail price prices for the ten years. Answer to the depreciation question, that depreciation schedule goes back to longer then 3 years and that is guaranteed. He added that with the ASL 360 agreement from purchasing perspective you buy in, if the device does not come out with in the year expected or you decide you do not what to trade in yet, you are locked into that trade in choice with in the 10 years. If you decide to get it on your 9th year you can get it then and then you are set with another new device for another 10 years. You can choose when to get the refresh, you can get it whenever you want within the 10 years and same with any of their devices. Dr Sahni mention they verified that this is not consider a lease program, you own the device you obtained thru the 360 program.

Chief Weiss reverted back to Sia Lindstrom's comment as to where do they feel they are and he said he discussed this with other members and they all agreed that they don't want to impose on those agencies they are not ready to change. But he is all for standardization for all agencies. He is wondering what other's opinion are on doing them all right now. He suggested the EMS Alliance should come up with a standard for the county. Sia Lindstrom said in someway they might endorse this as a recommendation.

Dr. Sahni parted early, Sia Lindstrom thanked them both for all their work.

Chief Downey also thanked them. He mentions that he is not opposed to the county wide standardization and he would be looking into what a buy back would be on current devices. He mentioned they had spent \$30,000 on the monitors they had and going back and only getting 25% buy back would not be easy for him to sale to his peers. He does believe in standardizing and does not want to hold anyone back. Chief Boughey said they did bring this up to Stryker, and they were not opposed to looking into a better trade in value for them. Stryker is also looking at it as being a regional approached, right now it's Washington County but Canby, Multnomah, and Clackamas are looking at the potential of doing it all as a region. He thinks this is a reasonable conversation for Hillsboro to have with Stryker.

Chief Linz agrees with the standardization but brought up that money could be an issue for them. He asked if the county could kick in some of that money? Sia Lindstrom agreed this was a good question and she directed this to the EMS staff and asked what kind of funding would be available for this? Adriene Donner said this go back to how they can allocate funds, she would like to build a system for how to spend these funds for things like system enhancement, so that they can have more of a process. She thinks they could utilize fuds for this. Sia Lindstrom agrees and says this conversation is to be continued and noted this needs to happen. Chief Linz mentioned that if they can figure this out and lessen the money aspect on all the agencies then they could more likely get everyone on at the same time. Chief Boughey added Stryker offered TVF&R pricing whether you have one monitor or multiple, same bulk pricing for all agencies. They also have different tier pricings and honoring to all agencies in county. Any agency can package that package that fits their needs and budget. The also offer 10 year no interest finances, you know what **you're** paying, you can pay monthly, or yearly, they are very flexible.

Chief Weiss wants to see what Chief Wineman thinks. Sia Lindstrom welcomed him to speak on what he thought. Chief Wineman said he agrees on this standardization and fully supports and stressed that they should decide on a timely manner.

JD Fuiten said they made statements they need to make a decision by the end of March, but they have found a way around that and timeline is not as pressed as it was. He was confused on the pricing of the new monitors. Chief Boughey said he could speak to that, ASL 360 price targeting estimated \$40,000- \$45,000. The way he has been calculation in \$42,000 x number of monitors will give that amount that the new monitors would cost. The 360-plan using depreciation schedule you are locking it in. JD Fuiten believes in the unification and using the same equipment. When the decision is made, they will begin the process of contacting Stryker. They may take a different approach on maintenance and they will do the best they can to get everyone there and will purchase what is decided.

Sia Lindstrom said she has heard consensus to move with Stryker and County standardization and recognized she still needs to come back with funding, and timing. She asked how everyone felt about moving forward with this recommendation concept? Adrienne Donner added that the EMS had cost saving, since they allocated staff doing COVID related worked and it was paid for by CARES funding. She did say they will have another conversation about this but knows it is a priority. Chief Weiss made a motion that as an EMS Alliance, that any agency that operates in Washington county, selects the decided monitor (Stryker) if they are to purchase new monitors until there is another group that brings back another recommendation to this group to decide on. Sia added that in that motion they are endorsing, and they don't have the ability to bind anyone. So, this is a recommendation that they all move on this together, as a strong recommendation. JD Fuiten said he wanted to go back to comment of recommending the concept of purchasing these monitors. Endorse it in concept which gives everyone a chance to look it over and make Stryker build the consensus as well. He has intentionally stayed out of the concept. He mentioned that they have spent a lot of time and energy, now he would like to hear **Stryker's** pitch. Sia Lindstrom asked Chief Weiss how he feels to accept that as a friendly amendment to accept this recommendation concept. Chief Weiss said the way he views it is he can use the words that the EMS Alliance recommends as he doesn't know what the authority is to require standardization. Is what they all want, he said that he suggests they somehow make the recommendation **as** "this is recommendation from the EMS Alliance". Chief Downey says he support the motion and the key for him is the concept. He thinks Hillsboro will be last to get standardized, but he will get there. Sia Lindstrom clarified the motion is the to recommend the concept.

Chief Linz asked what is the time frame we are looking at? Chief Boughey asked to speak to that, he said that those that have Philips currently and have had 9 board failures with current monitor, this is an urgent matter to move forward for TVF&R. Stryker said from purchase date, to implementation, delivery and training could be 6-8 weeks. TVF&R looking to move quicker then slower. They are looking at 2-4 months to implement. Chief Linz said that was helpful. Chief Weiss added that he thinks it will affect different agencies depending on the urgency or needs. He added they have been

pushing this committee so they could present it to the Alliance and then they can go buy.

Sia Lindstrom reiterated that they are not binging anyone, but they are stating the intention of moving forward as quickly as it makes sense. But she is also hearing there is important consideration they still need to work. She again states that they should endorse with concept to do it as fast as possible, given the constrains they are all facing. Sia said she is very happy with all the work and asked if there was any other conversation on this before they move on or if they should act on the motion. Kristin Chaffee asked for the motion to be clarified. Sia Lindstrom restated the motion and asked Chief Weiss to chime in if he thought it was needed. The Ems Alliance is endorsing recommendation to move to county wide standardization of the cardiac heart monitors with Stryker LifePack system and they are moving forward in concept with that. She asked Chief Weiss if that adequately captured his motion. Chief Weiss said yes.

Chief Linz asked Chief Boughey how long until he gets firm pricing on the units? He said he already has the pricing, but he would be reaching out to the Stryker reps in the next few days to inquiry about the outstanding questions and to break down pricing for services. He will send Chief Linz what he currently has but will get Stryker to customize a quote for him.

Sia Lindstrom asked who could second this motion? Chief Linz second the motion. All in favor said aye. Motion was approved.

Sia Lindstrom made a note that her an Adrienne Donner need to have a conversation about funding.

Chief Wineman asked them to share the PowerPoint via email. Adrienne Donner asked Tim Case to send it out to the members right away.

EMS Alliance Workgroup Updates

<u>Centralized Dispatch</u>- Chief Weiss said they had no meeting the past month, he received an email from Shane Ryan with Metro West, they are going thru the finalization of the function document, within the next week or so. ZOLL works with in a sprints business model. They work real hard for several weeks and stop. 6 week is the project time. Tim Case had nothing to add. Sia Lindstrom added they will probably not see an update on the next meeting, but hopefully will see an update on the meeting after that.

<u>Data-</u> Chief Downey said hospital data exchange has made progress. Hillsboro has been working with MWA and image trend along with OHSU's Hillsboro Medical Center on hospital data exchange. They are making slow but steady progress. They tried to partner with Providence but they never hear back from them. They are now in the initial stage talks on making data exchange with Tuality hospital and Hillsboro Medical Center. There will be a formal collaborate presentation that is called Epic Users to provide consensus of having regional flow between the system and hospital data share.

<u>Regulatory Documents Review-</u> Tim Case said they are still churning along, they are still making some Admin Rule updates, they are waiting on some Code language from the legal team to review and waiting for them to send recommendations back to the group.

<u>QI-</u> Sia Lindstrom said Chief Kinkade suggested to pause this work group. It will stay on hold and Chief Downey agreed.

Strategic Direction

Sia Lindstrom brought back the prior conversation on funding and system enhancements and how they can structure a strategic process. She proposed that they need the help of a consultant as the EMS staff was stretched so thin with COVID related work. She added that they have good foundation documents to pull from and she thinks they could do so in a matter of 6 months. She does not think it needs to be a long process. She opened it up and asked how everyone felt about them bringing a Strategic Consultant to help them put together a 5-year strategic plan? Chief Downey agrees they are busy and stretched and believes this would be very beneficial to be able to move forward. Chief Weiss is in favor of strategic planning and having someone help. He added that they are very clear on the mission and thinks they could insert some time in training sessions for the Alliance, he added that some of them came in late to this group and he recommends training so that they all understand the system and are all on the same page in term of the Alliance. JD Fuiten agrees, but mentioned that strategic planning need to be in person not over virtual meeting. Sia is hopeful that in a couple more month this may be feasible. She did not ask for a vote but mentioned she heard general consensus amongst the group and she will work with Adrienne Donner to bring that strategic consultant in and will make sure to follow up with this group as to who that consultant will be.

EMS Staff Update

Adrienne Donner said they now have regular workgroups up again on EMS stuff and she has been able to allocate staff to regular stats and numbers

COVID-19 Response and Vaccine Planning

<u>EOC/Public Health-</u> Adrienne Donner mentioned for the vaccine update, they are working on getting capacity update for vaccine to start flowing. Allocation came in during this meeting, we should see more local clinic in Washington County. She added that some of them have talked to Tim Case as they are trying to get EMS support at local clinics, they are trying to get a paramedic on site that can help until response comes if there is a bad reaction. This weekend there is a big event at Nike, a drive thru clinic, TVF&R is the operation of that, 1000 doses, the site could handle more. She is excited about that partnership. Next week Public Health starts with Community Based Organization clinic targeting the BIPOC communities. Will work with CBOs to get that messaging out.

<u>Hillsboro-</u> Chief Downey mentioned they were able to get all police officers thru the vaccination clinic they set up and finished on Sunday. 80% of their fire department

participated, which was different from the survey they conducted. He had a question for Metro West, OHSU/Hillsboro Medical Center asked that they provide paramedic coverage for the weekend event. Asked if Metro west is sending 2 paramedic and transport unit every time?. As there is no way they can do that. He thought it was 1 paramedic with equipment and call 911. Metro West sends transport unit, paramedic and EMT. That is only because if there is a transport it will be them anyways. Metro West said they are happy to cover as well, and Chief Downey said they are asking for coverage all of March and April events, but he has not guaranteed the coverage just yet. They will continue to discuss offline. Adrienne Donner added, that if you have a transport unit there it could come to a halt. They see more benefit in the transport unit arriving after, while the paramedic assists. Chief Boughey added that they also have a transport unit on site, but they will not leave in it. That is what Hillsboro is thinking on proposing to OHSU

<u>Tualatin Valley Fire and Rescue-</u> Chief Weiss said he is moving Chief Boughey to his second and asked if there was paperwork needed? Adrienne said she would send him the paperwork. He also mentioned Chief Winemann represent the agencies out there and did not know what everyone else thought about the idea of Chief Winneman coming on to this group as a member and as a replacement for Chief Kinkade. Sia Lindstrom said procedurally **it's** up to the agency to decide, the question is to go back to the city signatory agency. City of Forest Grove would make that determination. They **think it is the city manager's decisions.**

<u>Banks-</u> Chief Linz said he is good with Chief Winneman being added. He **thinks it's good** to have some recommendations.

<u>WCCCA-</u> Jennifer Reese said they have 80 % compete vaccination and thanked Adriene Donner and Metro West Ambulance. She added she is retiring at the end of month and Mark Buckles is replacing her and comes on board March 11th. Jennifer Reese will be filling the form mentioned by Adrienne. Sia Lindstrom thanked her for being on this group.

Forest Grove, Gaston and Cornelius – no update

<u>Metro West Ambulance-</u> Tom BeLusko thanked Adriene Donner, Tim Case and the County for in trusting them with the vaccine

Sia Lindstrom welcomed any agenda items for the next meeting to be sent to her.

Public Comment No public comment.

Next meeting: March 25, 2021 at 1-3 p.m., via Zoom

Good of the Order There was no good of the order. Meeting was adjourned at 2:56 p.m. With the next meeting scheduled for March 25 at 1-3 p.m., via Zoom.

Minutes compiled by Gaby Rodriguez