**MINUTES**

**CPIC CONFERENCE CALL**

DATE: January 5, 2023

| TOPIC | DISCUSSION/ACTION | FOLLOW-UP |
| --- | --- | --- |
| Housekeeping announcements | Attendance will be taken by poll after each conference call. Members will receive an email with a poll link after each call. Please enter your first and last name and check the box indicating you were in attendance. No action required if you were unable to make the conference call. | Kelly will send the poll link. |
| CPIC guideline updates  | Kelly provided updates on the following in-process CPIC guidelines:* SSRI/SNRI guideline update – submitted for review
* *CYP3A5*/tacrolimus update – in evidence review
* *CYP2D6*/antipsychotics – will be starting soon, working on the authorship plan
* Beta blockers – writing manuscript
* *CYP2B6*/methadone – in evidence review
* *UGT1A1*/irinotecan – preliminary evidence review being conducted by the St. Jude Children’s Research Hospital Clinical Pharmacogenomics resident
* *NAT2/*hydralazine – hoping to start this year
 | Email Kelly (Kelly.caudle@stjude.org) with suggestions for new guidelines or guidelines that need updating |
| Presentation – Deepak Voora  | Deepak Voora, MD, presented “VA National Pharmacogenomics Program” to provide an update on the pharmacogenomics implementation within the VA healthcare system. Slides included with the minutes.  |  |

**Chat from call:**

January 5, 2023 10:20 AM from Kristine Ashcraft to everyone: How many patients have been tested as part of this program so far?

January 5, 2023 10:22 AM from Josiah Allen to everyone: Are your patient education materials available publicly as well, videos and handouts?

January 5, 2023 10:23 AM from Kristine Crews to everyone: Agree that local provider education is essential for success of the program!

January 5, 2023 10:25 AM from Smith, Max to everyone: For your extensive provider education efforts, is there a specific education modality or tool that you think was the best use of your team's time?

January 5, 2023 10:25 AM from Isa Houwink to everyone: Blended learning however is most effective and should be evaluated for effectiveness through educational studies.

January 5, 2023 10:25 AM from Isa Houwink to everyone: https://pubmed.ncbi.nlm.nih.gov/25837634/

January 5, 2023 10:26 AM from Jennifer Chapman to everyone: More than 17,000 veterans tested to date under VA PHASER Program.

January 5, 2023 10:27 AM from Jennifer Chapman to everyone: Patient-facing ed materials are publicly available at https://www.cancer.va.gov/phaser.asp

January 5, 2023 10:27 AM from Megan Kane to everyone: You mentioned the VA educational videos were available on youTube free to anyone. Would VA consider adding these to the list of resources for other providers at the GenomeEd site ? https://www.genome.gov/GenomeEd/resources and the link to submit is https://forms.office.com/g/WMn2dVUBZk

January 5, 2023 10:29 AM from Jennifer Chapman to everyone: Re modality of the PHASER Provider education efforts, we do it all. We offer small-scale in-service opportunities; Grand Rounds presentations; Case review/dydactic education opportunities; regularly distributed email newsletter; group/Team chat groups; self-directed ed via a SharePoint site; structured ed opportunities; provider ed videos, etc.

January 5, 2023 10:29 AM from Yee Ming Lee to everyone: Keeps getting cut off

January 5, 2023 10:31 AM from Sam Socco to everyone: has there been any surveying of the providers? How they feel about the program, things they like/dislike?

January 5, 2023 10:31 AM from Megan Kane to everyone: Thanks!

January 5, 2023 10:33 AM from Cyrine Haidar to everyone: are patients educated about pharmacogenomics before pharmacogenomic testing is ordered? Do patients consent to testing?

January 5, 2023 10:33 AM from jesse swen to everyone: How well are clinical recommendations accepted/adhered?

January 5, 2023 10:34 AM from Caroline Wyrosdick-webb to everyone: Yes, there have been evalutations (both qualitative and quantitative) through the QUERI team. They have a grant to focus on PHASER. In addition, our Titan Alpha contracting team also has collected data on providers thoughts regarding a PGx program.

January 5, 2023 10:34 AM from Jennifer Chapman to everyone: Megan Kane, great idea re sharing the videos. We have both patient-facing and provider-focused videos. Do you think either or both would be appropriate for sharing? Not all our provider-facing videos would be applicable outside the VA environment as there are logistics covered in one or two of them.

January 5, 2023 10:35 AM from Martin Dawes to everyone: In the VA is there a system of education/QI to provide information to prescribers on potential inapproprpriate prescribing rates and opportunities for deprescribing??

January 5, 2023 10:35 AM from Caroline Wyrosdick-webb to everyone: We use the data collected to inform our patient and provider ed, as well as a provider outreach campaign and program goals

January 5, 2023 10:36 AM from Jennifer Chapman to everyone: Yes, we have conducted provider surveys and interview to evaluate their perceptions. I'll see if Dr. Voora covers this in his presentation. If he doesn't, I'll ask him your question when he pauses for questions.

January 5, 2023 10:38 AM from Caroline Wyrosdick-webb to everyone: Yes, we do have Clinical Reminder Order Checks (CROCs) installed within the EHR.

January 5, 2023 10:38 AM from Caroline Wyrosdick-webb to everyone: Thanks, Dr. Dawes, for the Q.

January 5, 2023 10:39 AM from Jennifer Chapman to everyone: Martin Dawes, I'll see if Dr. Voora covers your question in his presentation. It is a very good question and I want to ensure we respond to it..

January 5, 2023 10:39 AM from Caroline Wyrosdick-webb to everyone: Dr. Voora is describing the CROCs now.

January 5, 2023 10:40 AM from Caroline Wyrosdick-webb to everyone: I am the Deployment & Operations Manager for PHASER, please reach out with any Qs: VHA 11SPEC9 Pharmacogenomics Tech Support <PHASERTechSupport@va.gov>

January 5, 2023 10:41 AM from selma to everyone: do you keep an eye out for drug-drug -gene interactions and phenoconversion?

January 5, 2023 10:42 AM from jesse swen to everyone: 2 out of 3 is strikingly similar to what we observed in the prepare study

January 5, 2023 10:43 AM from Jennifer Chapman to everyone: Selma and Martin, we will address population health surveillance tool development in a bit. We are working on that. Stay tuned. We'll make sure the question is discussed.

January 5, 2023 10:44 AM from thomas to everyone: I am seeing the same slide. It sounded like he moved on to the next sldie.

January 5, 2023 10:44 AM from Yee Ming Lee to everyone: Yes, the slide has not moved.

January 5, 2023 10:45 AM from Andria to everyone: Will these slides be available after the meeting? I am not seeing the discordance slide.

January 5, 2023 10:45 AM from Jennifer Chapman to everyone: Hang tight, I'll mention it.

January 5, 2023 10:46 AM from Sharmeen Roy to everyone: Is the alert being fired for the pharmacist if provider overrides the alert? Are you capturing how often it is getting to the pharmacist after being overriden by providers? and what are the outcomes of the pharmacist intervention?

January 5, 2023 10:48 AM from Jennifer Chapman to everyone: RE our alert firing, it does also fire for the pharmacists filling the orders. They have specific instructions on how to handle the alerts. Not sure if the pharmacist sees the provider's override reason but the reason is logged to the patient record. Keep in mind, we only ask for an override reason for our most serious alerts.

January 5, 2023 10:49 AM from Jennifer Chapman to everyone: Eval of alert effectiveness will be coming as we generate additional data and research projects are reviewed/approved.

January 5, 2023 10:49 AM from Jill Bates to everyone: @Roy the pharmacist can see the provider override reason

January 5, 2023 10:53 AM from Josiah Allen to everyone: Re: pop health, have you considered strategies to identify patients most likely to benefit from PGx testing and proactively reach out, e.g. patients taking multiple PGx-affected meds?

January 5, 2023 10:55 AM from Mary Relling to everyone: Maybe those 120 pharmacists can get informed consent too, to increase enrollement!

January 5, 2023 10:55 AM from Serena Mitaly to everyone: What is the job title for this position for prospective pharmacists who are interested?

January 5, 2023 10:56 AM from Jennifer Chapman to everyone: @Josiah, Dr. Voora will be discussing as that is part of our Pop Health work. Up to this point, we've focused primarily on building out the safety net created by the automated point-of-prescription alerts. Next we'll move to highlight beneficience.

January 5, 2023 10:56 AM from Jill Bates to everyone: @serena, please share this link with anyone interested. The positions are being posted by the hiring facility and so the names will vary accordingly but all positions available will be accessible at this link: https://www.usajobs.gov/

January 5, 2023 10:58 AM from John Kriak to everyone: Great Presentation!

January 5, 2023 10:59 AM from Rongling Li, NHGRI (privately): Can I get the slides and recording? I would like to share this with our division directors and AoU PDs.

January 5, 2023 10:59 AM from Alexa Ruse to everyone: If current pharmacy students/PharmD candidates are interested in one of those 120 pharmacist positions in the next 1-2 years, who should they reach out to for more information?

January 5, 2023 11:01 AM from Jill Bates to everyone: @Mary, pharmacists can consent for testing and this will be included in their onboarding training :)

January 5, 2023 11:02 AM from Jill Bates to everyone: @Alexa, please refer them to this link: https://www.usajobs.gov/

January 5, 2023 11:02 AM from Alexa Ruse to everyone: Thank you!

January 5, 2023 11:02 AM from Sam Socco to everyone: thanks for the presentation! yay for PGx job opportunities!

January 5, 2023 11:02 AM from Bronwyn to everyone: Thanks!

January 5, 2023 11:02 AM from Sharmeen Roy to everyone: Thank YOu!

January 5, 2023 11:03 AM from Meghan Arwood to everyone: Great presentation, Deepak. Thank you very much!