Alabama Medicaid DUR Board Meeting Minutes Summary October 26, 2022

Members Present: Kelli Littlejohn Newman, Crystal Deas, Dan McConaghy, Marilyn Bulloch, Rachel Seaman, Mary Stallworth, Bernie Olin, Kelly Tate, Melinda Rowe

Also Present: Lori Thomas, Clemice Hurst, Julie Jordan, Heather Vega, LaQwanda Eddings-Haygood, ACHN Pharmacists

Members Absent: Nina Ford Johnson, Amber Clark, Danielle Powell

Call to Order: The DUR meeting was called to order by C. Deas at approximately 1:04 p.m.

Review and Adoption of Minutes: The minutes of the July 20, 2022 meeting were presented, and M. Bulloch made a motion to approve the minutes. K. Tate seconded the motion, and the motion was approved unanimously.

Prior Authorization and Overrides Update: L. Thomas began the Prior Authorization and Overrides Update with the Monthly Manual Prior Authorizations and Overrides Report for the month of April 2022. She reported 13,389. There were 16,241 total electronic requests for the month of April 2022. From the Prior Authorization and Override Response Time Ratio report for April 2022, L. Thomas reported that approximately 22% of all manual PAs and 20% of all overrides were completed in less than two hours. Fifty-seven percent of all manual PAs and 53% of all overrides were completed in less than four hours. Eighty-nine percent of all manual PAs and 88% of all overrides were completed in less than eight hours. For the month of May 2022, L. Thomas reported 13,563 manual PA requests and 15,254 electronic PA requests were received. She reported that 16% of all manual PAs and all overrides were completed in less than two hours. Fifty-one percent of all manual PAs and 56% of all overrides were completed in less than four hours. Seventy percent of all manual PAs and 75% of all overrides were completed in less than eight hours. For the month of June 2022, L. Thomas reported 14,013 manual PA requests and 15,386 electronic PA requests. L. Thomas reported that approximately 24% of all manual PAs and 23% of all overrides were completed in less than two hours. Sixty-three percent of all manual PA requests and 61% of all overrides were completed in less than four hours. Eighty-nine percent of all manual PA and all overrides were completed in less than eight hours.

Program Summary Review: L. Thomas briefly reviewed the Alabama Medicaid Program Summary for the months of October 2021 through March 31, 2022. She reported 3,795,091 total prescriptions, 230,082 average recipients per month using pharmacy benefits, and an average paid per prescription of \$145.11.

Cost Management Analysis: L. Thomas reported an average cost per claim of \$146.35 for June 2022 and compared previous months contained in the table. From the 2nd Quarter Drug Analysis, L. Thomas reported 82.8% generic utilization, 7.7% brand single-source, 5.5% brand multi-source (those requests which required a DAW override), and 3.9% OTC and "other". From the Top 25 Drugs Based on Number of Claims from 04/01/2022-06/30/2022, L. Thomas reported the top five drugs: cetirizine, amoxicillin, albuterol sulfate HFA, fluticasone propionate, and montelukast sodium. She reported that this report was similar to the 1st Quarter 2022 utilization report. L. Thomas then reported the top five drugs from the Top 25 Drugs Based on Claims Cost from 04/01/2022-06/30/2022: Humira Citrate-free, Vyvanse, Trikafta, Invega Sustenna, and Trulicity. From the Top 15 Therapeutic Classes by Total Cost of Claims for the same time frame, L. Thomas reported the top five classes: Antipsychotic Agents, Disease-modifying Antirheumatic Agents, Respiratory and CNS Stimulants, Skin and Mucous Membrane Agents, and Miscellaneous Anticonvulsants.

Review of Palivizumab Utilization for the 2021 - 2022 Season: Due to the atypical nature of the 2021 -2022 RSV season with statistically significant virus positivity rates into the summer of 2022, the COVID-19 pandemic, and after discussion with pediatric and pulmonary experts throughout the state, Alabama Medicaid allowed Synagis® dosing beyond the typical October through March timeframe. For this utilization report, the 2021-2022 Synagis° season was defined as October 2021 through August 2022. L. Thomas explained that during a typical RSV season, RSV activity in Alabama becomes significant in September or October. The season usually peaks in December and becomes statistically non-significant in January or February. According to the National Respiratory and Enteric Virus Surveillance System (NREVSS) website, RSV activity in Alabama became significant in the week ending 10/02/2021. After a level of significance was reached, the number of positive antigen detection tests dropped significantly until week ending 06/11/2022. A drastic increase was then seen week ending 08/20/2022 and a level of statistical significance remained at the time of the report. L. Thomas reminded the Board that each recipient could receive a maximum of 5 doses per season and that all policies relating to Synagis® were based on clinical literature and recommendations. For the 2021-22 season, there were 2,970 claims for 592 recipients. The average cost per claim was \$2,759 while the average cost per recipient was \$13,843. L. Thomas pointed out that there were 1,763 prior authorizations requested over the course of the season, with an approval rate of 68%. L. Thomas briefly reviewed the top dispensing pharmacies and the top PA denial reasons. L. Thomas also reviewed the graphs comparing the total spend of all drugs compared to the total spend of Synagis® per RSV season.

RDUR Intervention Report: L. Thomas presented the RDUR Activity Report for July 2021. She reported 500 profiles reviewed and 692 letters sent with 56 responses received as of the date of the report. She reported 26 of 53 physicians indicated that they found the RDUR letters "useful" or "extremely useful". The criteria for the cycle of intervention letters included Drug-Drug Interaction (Support Act criteria – pure opioid agonists and benzodiazepines); Drug-Drug Interaction (Support Act criteria – pure opioid agonists and antipsychotics); Therapeutic Appropriateness (pregabalin and history of substance abuse/dependence); Appropriate Use (concurrent use of buprenorphine and pure opiate agonists). L. Thomas also presented the RDUR Activity Report for October 2021. She reported 500 profiles reviewed and 635 letters sent with 43 responses received as of the date of the report. She reported 20 of 35 physicians indicated that they found the RDUR letters "useful" or "extremely useful". The criteria for the cycle of intervention letters included Drug-Drug Interaction (Support Act criteria – pure opioid agonists and benzodiazepines); Drug-Drug Interaction (Support Act criteria – pure opioid agonists and antipsychotics); Therapeutic Appropriateness (diabetes and hypertension); Appropriate Use (concurrent use of buprenorphine and pure opiate agonists).

Proposed Criteria: L. Thomas presented the proposed set of 48 criteria to the Board and instructed the Board members to mark their ballots. Of the 48 proposed criteria, results from the criteria vote returned 47 approved and 1 approved as amended.

Medicaid Update: K. Newman reminded the Board members that all updated Medicaid drug lists and ALERTs were provided to them electronically and are also available online. K. Newman reminded the Board members that the Agency is still preparing for the unwinding of the national COVID-19 PHE. K. Newman reviewed changes to the Hepatitis C medication criteria and the ALERT regarding Paxlovid prescribing by pharmacists.

P & T Committee Update: C. Hurst began the P & T Update by informing the Board that the last P & T meeting was held on August 10, 2022, and covered the respiratory agents; eye, ear, nose, and throat preparations; complement inhibitors for hereditary angioedema; and growth hormone agents. The next meeting is scheduled for November 9, 2022 and will cover the calcitonin gene-related peptide antagonists; proton-pump inhibitors; skeletal muscle relaxants; opiate agonists and partial agonists; selective serotonin agonists; antiemetics; and anxiolytics, sedatives, and hypnotics.

Next Meeting Date: C. Deas reminded the Board that the next DUR meeting will be held on January 25, 2023. A motion to adjourn the meeting was made by D. McConaghy and M. Bulloch seconded the motion. The meeting was adjourned at 1:55 p.m.

Respectfully submitted,

Lori Thomas, Pharmo.

ALABAMA MEDICAID

Accepted Approved Rejected

RETROSPECTIVE DRUG UTILIZATION REVIEW
CRITERIA RECOMMENDATIONS

Criteria Recommendations

			As Amended			
			ed. The recommended	V		
Drugs/Diseases <u>Util A</u> Finerenone	<u>Util B</u>	Util C				
Max Dose: 20 m	g/day					
	cology, 2021 Elsevier/ bing Information, Jul		hCare Pharmaceuticals.			
Alert Message:	Therapeutic Approp The safety and effica atients below 18 year	cy of Kerendia (fine	renone) have not been	V		
Drugs/Diseases <u>Util A</u> Finerenone	<u>Util B</u>	<u>Util C</u>				
Age Range: 0 – 1	17 уоа					
	cology, 2021 Elsevier, ibing Information, Jul		thCare Pharmaceuticals.			
Alert Message: inhibitors is con	traindicated. Finerer g CYP3A4 inhibitor m	of Kerendia (fineren none is a CYP3A4 su	one) with strong CYP3A bstrate, and concomitant c of finerenone-related	V	- 8	
Drugs/Diseases Util A Finerenone	Util B Clarithromycin Cobicistat Darunavir Indinavir Itraconazole Ketoconazole Nefazodone	Nelfinavir Posaconazole Ritonavir Saquinavir Voriconazole	<u>Util C</u>			
References:						

Clinical Pharmacology, 2021 Elsevier/Gold Standard. Kerendia Prescribing Information, July 2021, Bayer HealthCare Pharmaceuticals.

insufficiency. Finer	rendia (finerenone) i enone is a nonstero eceptor (MR), which	idal, selective antag	onist of the		_V	
Drugs/Diseases <u>Util A</u> Finerenone	<u>Util B</u> Adrenal Insufficienc	<u>Util C</u>				
	ogy, 2021 Elsevier/G og Information, July 2		Care Pharmaceutica	ls.		
developing hyperka in patients with hig Measure serum po- finerenone and dos > 5.0 mEq/L. Meas and adjust dose acc at risk for hyperkald	perkalemia rendia (finerenone) dalemia increases wither baseline potassi tassium and eGFR in se accordingly. Do noure serum potassiur cordingly. More fredemia, including thos nor increase serum	n decreasing kidney um levels or other a all patients before ot initiate finerenoin periodically durin quent monitoring me on concomitant me	function and is gre risk factors for hype initiation of treatm ne if serum potassiu g treatment with fir ay be necessary for	rkalemia. ent with um is nerenone patients	_V	-
Drugs/Diseases <u>Util A</u> Finerenone	<u>Util B</u>	<u>Util C (Include)</u> Hyperkalemia				
	ogy, 2021 Elsevier/G		Care Pharmaceutica	ls.		
Alert Message: Ker finerenone with a r which may increase during drug initiation	oderate or Weak CY rendia (finerenone) moderate or weak C' e the risk of finerenc on or dosage adjustr nd adjust finerenone	is a CYP3A4 substra YP3A4 inhibitor incr one adverse reaction nent of either finer	eases finerenone e ns. Monitor serum enone or the mode	xposure, potassium	V	
Drugs/Diseases <u>Util A</u> Finerenone	Util B Atazanavir Aprepitant Cimetidine Ciprofloxacin Crizotinib	Diltiazem Dronedarone Erythromycin Fluconazole Fluvoxamine	Verapamil Chlorzoxazone Cilostazol Cimetidine Clotrimazole	Istradefylline Ivacaftor Lomitapide Ranitidine Ranolazine	<u>Util C</u> e	

References:

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Cyclosporine

Kerendia Prescribing Information, July 2021, Bayer HealthCare Pharmaceuticals.

Imatinib

Fosaprepitant

Ticagrelor

7. Finerenone / Strong and Moderate CYP3A4 Inducers

Alert Message: Avoid concomitant use of Kerendia (finerenone) with strong or moderate CYP3A4 inducers. Finerenone is a CYP3A4 substrate. Concomitant use of finerenone with a strong or moderate CYP3A4 inducer decreases finerenone exposure, which may reduce the efficacy of finerenone.

Drugs/Diseases

<u>Util A</u>

<u>Util B</u> Apalutamide

Mitotane

Util C

Finerenone

Bosentan Phenobarbital
Butalbital Phenytoin
Carbamazepine Primidone
Efavirenz Rifabutin
Enzalutamide Rifampin

Etravirine

Rifapentine

References:

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Kerendia Prescribing Information, July 2021, Bayer HealthCare Pharmaceuticals.

8. Finerenone / Pregnancy / Pregnancy Negating

Alert Message: There are no available data on Kerendia (finerenone) use in pregnancy to evaluate for a drug-associated risk of major birth defects, miscarriage, or adverse maternal or fetal outcomes. Animal studies have shown developmental toxicity at exposures about 4 times those expected in humans. The clinical significance of these findings is unclear.

Drugs/Diseases

<u>Util A</u> Finerenone Util B

Util C (Negate)

Pregnancy

Abortion

Delivery Miscarriage

Gender: Female Age Range: 11 – 50 yoa

References:

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Kerendia Prescribing Information, July 2021, Bayer HealthCare Pharmaceuticals.

metabolite in huma drug on milk produ rats, increased pup the AUCunbound e is present in rat mi will be present in h	ere are no data on the milk, the effects oction. In a pre- and own mortality and lower expected in humans lk. When a drug is puman milk. Becaus	on the breastfed inf postnatal developm er pup weight were on These findings sugporesent in animal mi e of the potential ris	endia (finerenone) or its fant, or the effects of the nental toxicity study in observed at about 4 times gest that finerenone lk, it is likely that the drug sk to breastfed infants from ment and for 1 day after		
Drugs/Diseases Util A Finerenone	Util B Lactation	<u>Util C</u>			
Gender: Female Age Range: 11 – 50) уоа				
References: Clinical Pharmacolo Kerendia Prescribir	• , .		Care Pharmaceuticals.		
Alert Message: Ke severe hepatic imp increased by 38%, moderate hepatic	airment. In clinical and the Cmax was impairment (Child-I ct of severe hepatic) use should be avoid studies, finerenone unchanged in cirrho Pugh B) compared to	mean AUC was tic patients with	V	
Drugs/Diseases Util A Finerenone References:	<u>Util B</u> Cirrhosis Hepatic Failure ogy, 2021 Elsevier/	Util C			
			Care Pharmaceuticals,		
Alert Message: Ke monitoring may be	rendia (finerenone necessary for pati	ents at risk for hype	um lemia. More frequent rkalemia, including those tion or increase serum	- V	
Drugs/Diseases <u>Util A</u> Finerenone	<u>Util B</u> ACE Inhibitors Aliskiren		<u>Util C</u>		

References:

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

ARBs Eplerenone

Kerendia Prescribing Information, July 2021, Bayer HealthCare Pharmaceuticals.

Potassium Sparing Diuretics Potassium Supplements

Criteria Recommendations

Accepted Approved Rejected As Amended

12. Finerenone / Non-adherence	the share share share	Validation Karandia	
Alert Message: Based on refill history (finerenone). Nonadherence to the pr sub-therapeutic effects, which may le healthcare costs.	escribed dosing regimen ma	y result in	
Drugs/Diseases Util A Util B Finerenone	<u>Util C</u>		
References: Osterberg L, Blaschke T. Adherence to Mechta Nielsen T, Frojk Juhl M, Feldt-Chronic Kidney Disease: A Systematic Burnier M, Pruijm M, Wuerzner G. et a Transplant 2015; 30: 39–44. Kleinsinger, Fred. The Unmet Challeng doi:10.7812/TPP/18-033.	Rasmussen B, Thomsen T. Ac Review of Qualitative Resear al. Drug Adherence in Chroni	Herence to Medication in Parch. Clin Kidney J. 2018. Aug; c Kidney Disease and Dialysi.	11(4):513-527. s. Nephrol Dial
13. Olanzapine/Samidorphan / Overu Alert Message: Lybalvi (olanzapine/sa maximum recommended dose of olar	amidorphan) may be over-uti		
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util C</u>		
Max Dose: 20mg/10mg per day			
References: Lybalvi Prescribing Information, June Clinical Pharmacology, 2021 Elsevier/			
14. Olanzapine/Samidorphan / Thera Alert Message: The safety and effecti		o/samidornhan)	
have not been established in pediatric	· · · · · ·	er samilidor priarry	
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util C</u>		
Age Range: 0 – 17 yoa			
References: Lybalvi Prescribing Information, June Clinical Pharmacology, 2021 Elsevier/			

Criteria Recommendations

Accepted Approved Rejected As Amended

4 5	- 01	/Samidorphan	/ Opinid V	Mitheraucal
15	i. Olanzabine	/Samidorphan	/ Opiola v	vitnorawai

Alert Message: The use of Lybalvi (olanzapine/samidorphan) is contraindicated in patients undergoing acute opioid withdrawal. The samidorphan component of the combination product is an opioid antagonist and can precipitate opioid withdrawal in patients who are dependent on opioids. If olanzapine/samidorphan use is being considered in a patient receiving opioids, the initiation of olanzapine/samidorphan must be delayed for a minimum of at least a 7-day opioid-free interval after the last use of short-acting opioids and a 14-day opioid-free interval after the last use of a long-acting opioid.

Drugs/Diseases

Util C Util A Util B

Opioid Dependence w/ Withdrawal Olanzapine/Samidorphan Opioid Use w/ Withdrawal

Opioid Related Disorders w/ Withdrawal

References:

Lybalvi Prescribing Information, June 2021, Alkermes. Clinical Pharmacology, 2021 Elsevier/Gold Standard.

16. Olanzapine/Samidorphan / Opioids

Alert Message: The use of Lybalvi (olanzapine/samidorphan) is contraindicated in patients using opioids. Olanzapine/samidorphan can precipitate opioid withdrawal. If olanzapine/samidorphan use is being considered in a patient receiving opioids, the initiation of olanzapine/samidorphan must be delayed for a minimum of at least a 7-day opioid-free interval after the last use of a short-acting opioid and a 14-day opioid-free interval after the last use of a long-acting opioid.

Drugs/Diseases

Util A Util B Benzhydrocodone Olanzapine/Samidorphan

Codeine

Fentanyl Dihydrocodeine Hydrocodone Hydromorphone Levorphanol Meperidine Morphine Oxycodone Oxymorphone Tapentadol Tramadol

Buprenorphine (pain)

References:

Lybalvi Prescribing Information, June 2021, Alkermes. Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Util C

drugs. Therefore, Lybalvi (ola that is most likely to reduce	inesia, a syndrome coments, may developents, may developents ancapine/samidorphathe risk of tardive dyel that it will become is tive dose. If signs an	onsisting in patier an) shoul skinesia. irreversib d sympto	nts treated with antipsychotic d be prescribed in a manner The risk of developing tardive ble increases with the duration oms of tardive dyskinesia	V	
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util B</u> Tardive Dyskinesia		<u>Util C</u>		
References: Lybalvi Prescribing Informati Clinical Pharmacology, 2021					
18. Olanzapine/Samidorpha Alert Message: Olanzapine, exhibits in vitro muscarinic re oral olanzapine, olanzapine v tachycardia, all adverse reac Such adverse reactions were olanzapine/samidorphan sho diagnosis or prior history of hypertrophy, constipation, o post-marketing experience, t fatalities) was increased with	a component of Lyba eceptor affinity. In pi was associated with of tions possibly related e not often the basis fo build be used with cal urinary retention, cli or a history of paralyt the risk for severe ad	alvi (olan: remarket constipat d to choli for discor ution in p nically sig ic ileus o dverse rea	zapine/samidorphan), sing clinical trials with sion, dry mouth, and sinergic antagonism. ntinuations, but patients with a current gnificant prostatic r related conditions. In actions (including	V	
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	Util B Urinary Retention Prostatic Hypertrop Constipation Paralytic Ileus	<u>Util C</u> ohy			
References: Lybalvi Prescribing Informati Clinical Pharmacology, 2021	ion, June 2021, Alker				
19. Olanzapine/Samidorpha Alert Message: Concomitan CYP1A2 inhibitor can increas risk of olanzapine/samidorpl of the olanzapine componer strong CYP1A2 inhibitors.	t use of Lybalvi (olan se olanzapine AUC ar han adverse reaction	zapine/sa nd Cmax, ns. Consid	amidorphan) with a strong which may increase the	- V	
Drugs/Diseases Util A Olanzapine/Samidorphan	<u>Util B</u> Ciprofloxacin Fluvoxamine	<u>Util C</u>			

Lybalvi Prescribing Information, June 2021, Alkermes. Clinical Pharmacology, 2021 Elsevier/Gold Standard.

CYP3A4 inducers is not recor with olanzapine/samidorpha samidorphan component of olanzapine is a CYP1A2 subst	t use of Lybalvi (olan mmended. Concurre in may reduce olanz the combination pro trate. In drug intera) with a strong CYP3	nducers Izapine/samidorphan) with st ent use of strong 3A4 inducer: apine/samidorphan efficacy. oduct is a CYP3A4 substrate an ction studies, coadministration A4 inducer significantly decre	s The nd on	_V	
Drugs/Diseases					
<u>Util A</u> Olanzapine/Samidorphan	Util B Apalutamide Carbamazepine Enzalutamide Mitotane Phenobarbital Phenytoin Primidone Rifampin		<u>Util C</u>		
References: Lybalvi Prescribing Informati Clinical Pharmacology, 2021	on, June 2021, Alkei				
CYP1A2 inducer decreases o olanzapine/samidorphan eff	t use of Lybalvi (olar lanzapine exposure, icacy. Consider incre	nzapine/samidorphan) with a which may reduce	with	_V	
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util B</u> Ritonavir	<u>Util C</u>			
References: Lybalvi Prescribing Informati Clinical Pharmacology, 2021					
depressants may potentiate	t use of Lybalvi (olar the orthostatic hypo	ss nzapine/samidorphan) with Clotension observed with olanz naution in patients receiving Cl	apine	_V	 ·
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util B</u> CNS Depressants	<u>Util C</u>			

References:

Lybalvi Prescribing Information, June 2021, Alkermes. Clinical Pharmacology, 2021 Elsevier/Gold Standard.

				Ame	nded nded	
23. Olanzapine/Samidorpha Alert Message: Lybalvi (olar patients receiving medicatio Concomitant treatment with with anticholinergic activity reactions related to hypomo	nzapine/samidorpha ns having anticholir n an olanzapine-con can increase the ris	n) should nergic (ant taining me	imuscarinic) effects. edication and other drugs			
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util B</u> Anticholinergic Ag	ents	<u>Util C</u>			
References: Lybalvi Prescribing Informat Clinical Pharmacology, 2021						
24. Olanzapine/Samidorpha Alert Message: Concomitan recommended with levodop in the combination agent is antagonize the effects of lev	t use of Lybalvi (ola pa and dopamine ag a dopamine antago	nzapine/s onists. The nist, and c	amidorphan) is not e olanzapine component oncurrent use can			
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	Util B Apomorphine Bromocriptine Cabergoline Levodopa Pramipexole Ropinirole Rotigotine	<u>Util C</u>				
References: Lybalvi Prescribing Informat Clinical Pharmacology, 2021	ion, June 2021, Alke					
25. Olanzapine/Samidorpha Alert Message: Neonates et component of Lybalvi (olanz risk for extrapyramidal and/ available data on the use of samidorphan in pregnant w defects, miscarriage, or adv mother associated with unt exposure to antipsychotics,	xposed to antipsych zapine/samidorphar or withdrawal symp samidorphan or the omen to determine erse maternal or fet reated schizophreni	otic drugs n), during ntoms follo combina a drug-as cal outcom a or bipol	i, including the olanzapine the third trimester, are at owing delivery. There are no tion of olanzapine and sociated risk of major birthnes. There are risks to the ar I disorder and with	V		
Drugs/Diseases <u>Util A</u> Olanzapine/Samidorphan	<u>Util B</u> Pregnar	ncy	Util C (Negate) Abortion Delivery Miscarriage	¥		

Gender: Female Age Range: 11 – 50 yoa

Lybalvi Prescribing Information, June 2021, Alkermes.

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

As
Amended

26.	Olanza	pine/	Samidor:	phan	/ Lactation
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Alert Message: Olanzapine, a component of Lybalvi (olanzapine/samidorphan) is present in human milk. There are reports of excess sedation, irritability, poor feeding, and extrapyramidal symptoms (tremors and abnormal muscle movements) in infants exposed to olanzapine through breast milk. There are no data on the presence of samidorphan or the combination of olanzapine and samidorphan in human milk, the effects on the breastfed infant, or the effects on milk production. The development and health benefits of breastfeeding should be considered along with the mother's clinical need for olanzapine/samidorphan and any potential adverse effects on the breastfed infant from olanzapine/samidorphan or the underlying maternal condition.

Drugs/Diseases

<u>Util A</u> <u>Util B</u> <u>Util C</u>

Olanzapine/Samidorphan Lactation

Gender: Female Age Range: 11 – 50 yoa

References:

Lybalvi Prescribing Information, June 2021, Alkermes. Clinical Pharmacology, 2021 Elsevier/Gold Standard.

27. Olanzapine/Samidorphan / Non-adherence

Alert Message: Based on refill history, your patient may be under-utilizing Lybalvi (olanzapine/samidorphan). Non-adherence to the prescribed dosing regimen may result in sub-therapeutic effects, which may lead to decreased patient outcomes and additional healthcare costs.

Drugs/Diseases

<u>Util A</u> <u>Util B</u> <u>Util C</u>

Olanzapine/Samidorphan

References:

Theida P, et.al., An Economic Review of Compliance with Medication Therapy in the Treatment of Schizophrenia, Psychiatric Services, 2003;54:508-516.

Acsher-Svanum H, Zhu B, Faries DE, et al., The Cost of Relapse and the Predictors of Relapse in the Treatment of Schizophrenia. BMC Psychiatry 2010, 10:2.

Berger A, Edelsbery J, Sanders KN, et al., Medication Adherence and Utilization in Patients with Schizophrenia or Bipolar Disorder Receiving Aripiprazole, Quetiapine, or Ziprasidone at Hospital Discharge: A Retrospective Cohort Study. BMC Psychiatry 2012,12:99.

Stephenson JJ, Tuncelli O, Gu T, et al., Adherence to Oral Second-Generation Antipsychotic Medications in Patients with Schizophrenia and Bipolar Disorder: Physicians' Perceptions of Adherence vs. Pharmacy Claims. Int J Clin Pract, June 2012, 66, 6, 565-573.

Morken G, Widen JH, Grawe RW. Non-adherence to Antipsychotic Medication, Relapse and Rehospitalization in Recent-Onset Schizophrenia. BMC Psychiatry. 2008, 8:32.

				-1	
	R tablets (ampheta	amine extended-release) may be osage of extended-release amphetamine		V	
Drugs/Diseases <u>Util A</u> Amphetamine XR Tabs	<u>Util B</u>	<u>Util C</u>			
Age Range: 6 – 12 yoa Max Dose: 20 mg/day					
References: Clinical Pharmacology, 2021 Dyanavel XR Prescribing Info					
	and efficacy of Dya pediatric patient	anavel XR tablets (amphetamine s younger than 6 years old with			
Drugs/Diseases <u>Util A</u> Amphetamine XR Tabs	<u>Util B</u>	<u>Util C</u>			
Age Range: 0 - 5 yoa					
References: Clinical Pharmacology, 2021 Dyanavel XR Prescribing Info					
relugolix with a loading dose	e of 360 mg on th	ver-utilized. Initiate treatment of e first day and continue treatment approximately the same time each	V	. — —	•
Drugs/Diseases Util A Util B Relugolix					
Max Dose: 120 mg/day	1	r			
References: Clinical Pharmacology, 2021	L Elsevier/Gold Sta	andard.			

Orgovyx Prescribing information, Dec. 2020, Myovant Sciences, Inc.

_	erapeutic Appropriat e safety and effectiv ablished.		elugolix) in pediatric	patients	s	
Drugs/Diseases <u>Util A</u> Relugolix	<u>Util B</u>	<u>Util C</u>				
Age Range: 0 – 17	yoa					
	ogy, 2021 Elsevier/G g information, Dec. 2		nces, Inc.			
Alert Message: Or whether the benefin patients with co	erapeutic Appropriat govyx (relugolix) ma its of androgen depr ngenital long QT syn nalities and in patien	y prolong the QT/QT ivation therapy out drome, congestive h	weigh the potential neart failure, or freq	risks Juent		
Drugs/Diseases <u>Util A</u> Relugolix References: Clinical Pharmacolo	Util B Long QT Syndrome Congestive Heart Fa					
Orgovyx Prescribin	g information, Dec. 2	2020, Myovant Scie	nces, Inc.			
should be avoided. separate dosing of adverse reactions. inhibitor may incre relugolix-related ac	p Inhibitors e concurrent use of a life co-administration the oral P-gp inhibit Relugolix is a P-gp surase the AUC and Cm dverse events. Treat ourse of treatment was as the AUC and course of treatment was as the AUC and Cm dverse of treatment was as the AUC and Cm dverse of treatment was as a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of treatment was a life and the AUC and Cm dverse of the AUC and Cm dve	is unavoidable, tak or by at least 6 houi ubstrate, and concol iax of relugolix incre ment with relugolix	e relugolix first and rs and monitor for r mitant use with a P- ases in the risk of may be interrupted	elugolix -gp		
Drugs/Diseases	LIEU D				LIHIL C	
<u>Util A</u> Relugolix	Util B Amiodarone Brigatinib Cabozantinib Carvedilol Clarithromycin Cobicistat Cyclosporine Daclatasvir Dronedarone Elagolix Erythromycin Etravirine	Flibanserin Fostamatinib Glecaprevir Ibrutinib Isavuconazonium Istradefylline Itraconazole Ivacaftor Ketoconazole Lapatinib Lasmiditan Ledipasvir	Lomitapide Mefloquine Mifepristone Nelfinavir Neratinib Osimertinib Pibrentasvir Ponatinib Posaconazole Propafenone Quinidine Ranolazine	Ritonavir Rolapitant Sapropterin Saquinavir Sarecycline Sorafenib Ticagrelor Tolvaptan Velpatasvir Vemurafenib Verapamil Voxilaprevir	<u>Util C</u>	
References:						

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Orgovyx Prescribing information, Dec. 2020, Myovant Sciences, Inc.

2/	Relugaliy	/ Drugs	Causing	Ot	Prolongation
54.	Relugolix	/ DIUKS	Causing	Qι	riololigation

1	/	

Alert Message: Orgovyx (relugolix) may prolong the QT/QTc interval. Consider whether the benefits of androgen deprivation therapy outweigh the potential risks in patients with congenital long QT syndrome, congestive heart failure or frequent electrolyte abnormalities and in patients taking drugs known to prolong the QT interval.

Drugs/Diseases

<u>Util A</u> Relugolix

Util C Util B Efavirenz Levofloxacin Abiraterone Eliglustat Lithium Alfuzosin Encorafenib Lofexidine Amiodarone Amitriptyline Entrectinib Loperamide Anagrelide Eribulin Maprotiline Methadone Aripiprazole Erythromycin Arsenic Trioxide Escitalopram Metoclopramide Asenapine Ezogabine Midostaurin Mifepristone Famotidine Atazanavir Mirabegron Atomoxetine Felbamate Fingolimod Mirtazapine Azithromycin Bedaquiline Flecainide Moexipril Fluconazole Moxifloxacin Bortezomib Fluoxetine Nelfinavir Bendamustine Nilotinib Bosutinib Fluvoxamine Nortriptyline Buprenorphine Foscarnet Galantamine Ofloxacin Ceritinib Chloroquine Ganciclovir Ondansetron Chlorpromazine Gemifloxacin Osimertinib Cilostazol Gilteritinib Oxaliplatin Ciprofloxacin Glasdegib Paliperidone Panobinostat Citalopram Granisetron Clarithromycin Haloperidol Paroxetine Clomipramine Hydroxychloroquine Pasireotide Clozapine Hydroxyzine Pazopanib Crizotinib Ibutilide Pentamidine Pimavanserin Dabrafenib lloperidone Dasatinib Imipramine Pimozide Desipramine Indapamide Pitolisant Posaconazole Deutetrabenazine Indinavir Diphenhydramine Ivabradine Procainamide Disopyramide Itraconazole Promethazine Dofetilide Ivosidenib Propafenone Ketoconazole Quetiapine Dolasetron Quinidine Donepezil Lapatinib Doxepin Lefamulin Quinine Dronedarone Lenvatinib Ranolazine Ribociclib Droperidol Leuprolide

Rilpivirine Risperidone Ritonavir Romidepsin Saquinavir Sertraline Siponimod Solifenacin Sotalol Sunitinib Tacrolimus Tamoxifen Telavancin Tetrabenazine Thioridazine Tizanidine Tolterodine Toremifene Tramadol Trazodone Trimipramine Valbenazine Vandetanib Vemurafenib Venlafaxine Voriconazole

References:

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Orgovyx Prescribing information, Dec. 2020, Myovant Sciences, Inc.

Alert Message: The and strong CYP3A substrate, and co- inducer can decre unavoidable, incre	ne concurrent use of a inducers should be administration with ase the AUC and Crease the relugolix do Pago and CYP3A4 ind	ong CYP3A4 Inducers f Orgovyx (relugolix) with a combined P-gp e avoided. Relugolix is a P-gp and CYP3A4 a combined inducer of P-gp and CYP3A4 hax of relugolix. If concomitant use is use to 240 mg once daily. After discontinuation ducer, resume the recommended relugolix	V	
	Util B Carbamazepine Phenytoin Rifampin logy, 2021 Elsevier/ ng information, Dec	<u>Util C</u> Gold Standard. . 2020, Myovant Sciences, Inc.		
Alert Message: B (relugolix) can cau patient. There are of drug-associated pregnant rabbits	use fetal harm and lo e no human data on d risk. In animal repi during organogenes	cy Negating ings and mechanism of action, Orgovyx coss of pregnancy when administered to a pregnant the use of relugolix in pregnant patients to inform roductive studies, administration of relugolix to is caused embryo-lethality at maternal exposures oure at the recommended relugolix dose.		2
Drugs/Diseases <u>Util A</u> Relugolix	<u>Util B</u> Pregnancy	Util C (Negate) Abortion Delivery Miscarriage		
Gender: Female Age Range: 11 – 5	i0 yoa	Miscarriage		
	ology, 2021 Elsevier/ ng information, Dec	Gold Standard. 2. 2020, Myovant Sciences, Inc.		
dose of 120 mg p on the presence of	ne safety and efficac er day have not bee of relugolix in humai	ry of Orgovyx (relugolix) at the recommended n established in females. There are no datan milk, the effects on the breastfed child, or the and its metabolites were present in the milk	V	

Drugs/Diseases <u>Util A</u>

Util B

<u>Util C</u>

Relugolix Lactation

Gender: Female Age Range: 11 – 50 yoa

References:

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

advise male patient	sed on findings in ar ts with partners of r	nimal studies and r eproductive poten	nechanism of action, tial to use effective e last dose of Orgovyx		
Drugs/Diseases <u>Util A</u> Relugolix	<u>Util B</u>	<u>Util C</u>			
Gender: Male					
References: Clinical Pharmacolo Orgovyx Prescribin			ences, Inc.		
(relugolix). Non-adl	sed on refill history, herence to the pres	cribed dosing regir	be under-utilizing Orgovyx men may result in tient outcomes and addition:	V	
Drugs/Diseases <u>Util A</u> Relugolix	<u>Util B</u>	<u>Util C</u>			
Ruddy K, Mayer E, 2009;59:56-66. Barillet M, Prevost 2015;80(6):1289–1	Partridge A. Patien V, Joly F, Clarisse B. 302. doi:10.1111/b	t Adherence and P . Oral Antineoplast cp.12734	ic Agents: How do We Care A	cer Treatment. CA Cancer J Clin About Adherence?. Br J Clin Pharm astic Therapies. The Oncologist.	acol.
Alert Message: Increcommended dos decitabine and 100) mg cedazuridine) of 4	dazuridine) may be edazuridine is 1 ta orally once daily or	blet (containing 35 mg Days 1 through 5 of		
Conflict Code: ER - Drugs/Disease		likil C			
<u>Util A</u> Decitabine/Cedazu	<u>Util B</u> Iridine	<u>Util C</u>			
Max Dose: 1 tablet	:/day				
Reference: Clinical Pharmacolo	ogy, 2021 Elsevier/G	Gold Standard.			

Inqovi Prescribing Information, July 2020, Taiho Oncology, Inc.

41. Decitabine/Cedazuridine Alert Message: The safety a have not been established in	nd effectiveness of	Inqovi (decitabine/cedazuridine)	V	
Drugs/Disease <u>Util A</u> Decitabine/Cedazuridine	<u>Util B</u>	<u>Util C</u>		
Age Range: 0 – 17 yoa				
Reference: Clinical Pharmacology, 2021 Inqovi Prescribing Information				
that are metabolized by CDA the combination product is Concurrent use of decitabin	nistration of Inqovi (A should be avoided an inhibitor of the c e/cedazuridine with emic exposure of th	decitabine/cedazuridine) with drugs . The cedazuridine component of ytidine deaminase (CDA) enzyme. I drugs that are metabolized by CDA e CDA substrate with the potential		
Drugs/Disease <u>Util A</u> Decitabine/Cedazuridine Reference: Clinical Pharmacology, 2021				
Inqovi Prescribing Informati	on, July 2020, Taiho	Oncology, Inc.		
capecitabine should be avoi product is an inhibitor of the a prodrug that depends on 0	nistration of Inqovi ded. The cedazuridi e cytidine deaminas CDA for conversion	(decitabine/cedazuridine) with ne component of the combination e (CDA) enzyme. Capecitabine is to the active metabolite 5-fluorouracil. ecreased effectiveness of capecitabine.		
Drugs/Disease <u>Util A</u> Decitabine/Cedazuridine	<u>Util B</u> Capecitabine	<u>Util C</u>		
Reference: Clinical Pharmacology, 2021	. Elsevier/Gold Stan	dard.		

Inqovi Prescribing Information, July 2020, Taiho Oncology, Inc.

44. Decitabine/Cedazuridin	e / Pregnancy / Pre	gnancy Negating	V	
Alert Message: Based on fin mechanism of action, Inqovi administered to a pregnant v and rats, decitabine was tera	dings from human d (decitabine/cedazui woman. In nonclinica atogenic, fetotoxic, a			
Drugs/Diseases <u>Util A</u> Decitabine/Cedazuridine	<u>Util B</u> Pregnancy	Util C (Negating) Abortion Delivery Miscarriage		
Gender: Female Age Range: 11 – 50 yoa				
References: Clinical Pharmacology, 2021 Inqovi Prescribing Information				
or their metabolites in huma production. Because of the p	o data on the presen an milk or on their ef potential for serious preastfeed during tre	ice of cedazuridine, decitabine, ffects on the breastfed child or milk adverse reactions in the breastfed eatment with Inqovi (decitabine/cedazur	V idine)	
Drugs/Diseases <u>Util A</u> Decitabine/Cedazuridine	<u>Util B</u> Lactation	<u>Util C</u>		
Gender: Female Age Range: 11 – 50 yoa				
References: Clinical Pharmacology, 2021 Inqovi Prescribing Information				
months after the last dose. E	les of reproductive pent with Inqovi (dec Based on findings fro , Inqovi (decitabine/	potential to use effective citabine/cedazuridine) and for 6 om human data, animal studies, cedazuridine) can cause fetal	V	-:
Drugs/Disease <u>Util A</u> Decitabine/Cedazuridine	<u>Util B</u>	<u>Util C</u>		
Gender: Female Age Range: 11 – 50 yoa				
Reference:				

Clinical Pharmacology, 2021 Elsevier/Gold Standard.

Inqovi Prescribing Information, July 2020, Taiho Oncology, Inc.

Criteria Recommendations

Accepted Approved Rejected As Amended

47. Decitabine/Cedazuridine / Tl Alert Message: Advise males wit use effective contraception durin and for 3 months after the last do	th female partner ng treatment witl	•			5
Drugs/Disease <u>Util A</u> Decitabine/Cedazuridine	il B	<u>Util C</u>			
Gender: Male					
Reference: Clinical Pharmacology, 2021 Else Inqovi Prescribing Information, Ju					
48. Decitabine/Cedazuridine / N Alert Message: Based on refill hi (decitabine/cedazuridine). Nonac result in sub-therapeutic effects, additional healthcare costs.	istory, your patie dherence to the I	prescribed dosing regimen may	V	' <u></u> ()	
Drugs/Diseases <u>Util A</u> Decitabine/Cedazuridine	il B	<u>Util C</u>			

References:

Osterberg L, Blaschke T. Adherence to Medication. N Engl J Med 2005; 353:487-497.

Ruddy K, Mayer E, Partridge A. Patient Adherence and Persistence With Oral Anticancer Treatment. CA Cancer J Clin 2009;59:56-66.

Barillet M, Prevost V, Joly F, Clarisse B. Oral Antineoplastic Agents: How do We Care About Adherence. Br J Clin Pharmacols 2015;80(6):1289–1302. doi:10.1111/bcp.12734

Greer JA, Amoyal N, Nisotel L, et al. Systemic Review of Adherence to Oral Antineoplastic Therapies. The Oncologist. 2016;21:354-376.

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October 26, 2022
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Stephanie McGee Azar, Commissioner

(VApprove () Deny
Date

Melinda Rowe, MD,
Assistant Medical Director

MAPProve () Deny
Date

11/18/22

MAPProve () Deny
Market Date

Ginger Wettingfeld, Deputy Commissioner