Hospital:_____ **Clinical Service:**_____

Utilization of Long Acting Injectable Antipsychotics (LAIs) and Clozapine: Practice and Obstacles

The questionnaire is **designed only for schizophrenia and related disorders**. When answering the questions, **your responses should only reflect your patients with schizophrenia and related disorders.**

I. Prescriber Information

1. What is your position? ☐Attending ☐Fellow ☐Nurse Practitioner ☐Resident
2. How many years have you worked in your specialty? [years]
3. Primary treatment facility: ☐Academic facility ☐Psychiatric hospital ☐General hospital ☐Clinic
4. Primary treatment setting: ☐Inpatient ☐Outpatient ☐Day Hospital ☐Research ☐Other: [ ]
5. Primary patient population: ☐Children/Adolescents ☐Adults ☐Elderly ☐Substance Abuse ☐Other: [ ]
6. How many patients are currently on your caseload? (Including all diagnoses) [Approximately (approx.)]
7. How many patients on your current caseload have schizophrenia and related diseases? [Approx.]

II. Non-Adherence and Treatment Resistance Among Patients with Schizophrenia and Related Disorders

1. With respect to taking prescribed medication, please estimate the proportion of your **outpatients** who are…	Adherent (take ≥75%:either 75% of the medication and/or 75% of the time)	%
	Partially adherent (take 50-75%)	%
	Poor/non-adherent (take <50%)	%
		Total 100%

2. Among your patients with a relapse/hospital admission in the past year, what % of them do you estimate were poorly/non-adherent?	[%]
3. What % of your patients continues to experience moderate or greater positive psychotic symptoms?	[%]
4. Of those continuing to experience moderate or greater positive symptoms, what % of them are true treatment resistant, i.e. having no sufficient response to ≥2 appropriate antipsychotic trials even though they are adherent to the medication?	[%]

III. Long Acting Injection (LAI)

1. If you decide to use LAI in your facility, who is going to give an injection? ☐ You ☐ Nurse/other ☐Don't know

2. How many of your current patients are receiving LAIs?	Approx. [ ]
3. How many of your current LAI patients did you start on LAIs?	Approx. [ ]
4. How many of your patients currently taking oral antipsychotics do you think may benefit from starting LAIs?	Approx. [ ]

5, 6. Please rate the strength of your belief or thought.	Not at all			Moderately			Extremely
Example:	1	(2)	3	4	5	6	7
5-1 How convinced are you that the long acting injectable formulation is equivalent in efficacy to the oral formulation of the same drug?	1	2	3	4	5	6	7
5-2 How much do you believe in the superiority of LAIs over oral medicine in preventing relapse?	1	2	3	4	5	6	7
5-3 Compared to oral medications, how much more difficult is it for you to prescribe LAIs?	1	2	3	4	5	6	7
6. Please rate the impact of the following factors which **might discourage you from starting** LAI.							
6-1 Lack of experience	1	2	3	4	5	6	7
6-2 Possibility of more extrapyramidal symptoms than with oral medication	1	2	3	4	5	6	7
6-3 Possible emergence of injection site side effects	1	2	3	4	5	6	7
6-4 Impossible to discontinue or reduce dosage immediately or quickly	1	2	3	4	5	6	7
6-5 Complexity of the dosing strategy (including starting dose, predicting the equivalent dosage compared to oral meds)	1	2	3	4	5	6	7
6-6 Hassle of the injection procedure (including injection procedure itself, ordering and the storage of the medication)	1	2	3	4	5	6	7
6-7 Possible patient refusal of injection	1	2	3	4	5	6	7
6-8 Possible interference with patient autonomy	1	2	3	4	5	6	7
6-9 Difficult linkage to next level of care (e.g. inpatient to outpatient clinic) if on LAI because outpatient program may not administer LAIs	1	2	3	4	5	6	7
6-10 Fewer choices of second generation antipsychotics available as LAI	1	2	3	4	5	6	7

(6, Continued) Please rate the impact of the following factors which **might discourage you from starting** LAI.	Not at all			Moderately			Extremely
Example:	(1)	2	3	4	5	6	7
6-11 Low maximum dose	1	2	3	4	5	6	7
6-12 Difficulty combining LAI and oral medication because of restrictions, due to cost or other concerns	1	2	3	4	5	6	7
6-13 Relatively short injection interval (e.g. for risperidone or fluphenazine LAI)	1	2	3	4	5	6	7
6-14 Cost (patient cannot afford depot/LAI)	1	2	3	4	5	6	7
6-15 Cost (hospital/clinic doesn't receive adequate reimbursement from 3rd party)	1	2	3	4	5	6	7

7. What *most* makes it difficult for you to prescribe LAI? Choose up to 3 items from above (or if it is not listed, please describe), and tell us how the hospital can help to make it easier, if you have any idea.

Item # listed above, or describe freely	How can hospital help you in order to facilitate the LAI prescription?

IV. Clozapine

1. Do you have anyone who can support you for the paper procedure, blood monitoring, etc., for patients on clozapine?	☐Yes ☐No
2. Do you have easy access to specialists who might be necessary to support the use of clozapine, e.g., hematologists?	☐Yes ☐No
3. How many of your current patients are taking clozapine?	Approx. [ ]
4. How many of your current clozapine patients did you start on clozapine?	Approx. [ ]
5. How many of your patients currently taking other antipsychotics do you think may benefit by switching to clozapine?	Approx. [ ]

6, 7. Please rate the strength of your belief or thought.	Not at all			Moderately			Extremely
Example:	1	2	3	4	(5)	6	7
6-1 How much do you believe that clozapine is superior to other oral medicines?	1	2	3	4	5	6	7
6-2 Compared to other oral medications, how much more difficult is it for you to prescribe clozapine?	1	2	3	4	5	6	7

7. Assume that your patient has an indication for clozapine, please rate the impact of the following factors which **might discourage you from starting** clozapine. (Assume also there is no clinical contraindication to taking clozapine)

7-1 Lack of experience	1	2	3	4	5	6	7
7-2 Possible emergence of agranulocytosis	1	2	3	4	5	6	7
7-3 Possible emergence of seizures	1	2	3	4	5	6	7
7-4 Possible emergence of myocarditis	1	2	3	4	5	6	7
7-5 Possible emergence of metabolic side effects	1	2	3	4	5	6	7
7-6 Possible non-adherence (missing the medication, blood draw etc.)	1	2	3	4	5	6	7
7-7 Possible refusal to try clozapine	1	2	3	4	5	6	7
7-8 Hassle of administrative procedures (e.g., paperwork)	1	2	3	4	5	6	7
7-9 Hassle of blood draw and monitoring	1	2	3	4	5	6	7
7-10 Difficult linkage to next level of care (e.g. outpatient clinic does not prescribe clozapine)	1	2	3	4	5	6	7
7-11 Cost (patient cannot afford clozapine)	1	2	3	4	5	6	7
7-12 Cost (hospital/clinic doesn't receive adequate reimbursed by 3rd party payers, e.g. for the extra time involved)	1	2	3	4	5	6	7

8. What *most* makes it difficult for you to prescribe clozapine? Choose up to 3 items from above (or if it is not listed, please describe), and tell us how the hospital can help to make it easier, if you have any idea.

Item # listed above, or describe freely	How can hospital help you in order to facilitate the clozapine prescription?