Supplementary Data

Survey Questions Screening Questions What is your age? _____ <If less than 21 years old: "Thank you for your interest in our survey. However, you do not currently meet</p> the criteria for this study."> What is your relationship to the person with schizophrenia? (select all that apply) I am a parent of an individual with schizophrenia ☐ I am a family (non-parent) caregiver of an individual with schizophrenia I am a spouse/partner of an individual with schizophrenia I am a paid caregiver of an individual with schizophrenia ☐ I have no relationship to an individual with schizophrenia <If no relationship: "Thank you for your interest in our survey. However, you do not currently meet the</p> criteria for this study."> How old is the person with schizophrenia? _____ years Approximately how many years ago did the person with schizophrenia first start having symptoms you now associate with the disease? (If within the last year, please enter "0" years) Approximately how many years ago was the person formally diagnosed with schizophrenia? (If within the last year, please enter "0" years) _____

1.	What type of caregiving support do you provide to the individual with schizophrenia? (select								
	all t	hat apply)							
	☐ Household tasks (cooking, cleaning, etc.)								
		Shopping							
	☐ Managing finances								
	☐ Driving for errands								
	☐ Participating in recreational activities								
	☐ Taking to medical appointments								
		Medication supervision							
		Coordinating medical ca	re						
		Other:							
2.	On	a typical week, how ma	ny hours	do you spend doing c	aretaking activ	ities for this			
	ind	ividual? hours							
3.	Ho	w would you describe th	ne capabil	ity of the individual w	th schizophrer	nia related to caring			
	for	their own activities of d	aily living	(such as eating, bath	ing, dressing, e	etc.)?			
		1	2	3	4	5			
	1	lot at all capable		Somewhat capable		Extremely capable			

4.	The	e individual with schizophrenia for whom I provide care has experienced: (select all
	that	t apply)
		Hallucinations (usually involve seeing or hearing things that don't exist, although can be in any of the
		senses)
		Delusions (beliefs not based in reality and usually involve misinterpretation of perception or experience)
		Disorganized behavior (could range from childlike behavior to unpredictable agitation)
		Thought disorder (difficulty speaking or organizing thoughts, stopping speech midsentence)
		Agitated body movements
		Verbal aggression
		Physical aggression
		Dull/monotonous voice
		Lack of emotion
		Lack of pleasure/interest in everyday life
		Lack of ability to begin and sustain planned activities
		Neglect of personal hygiene
		Social withdrawal
		Loss of motivation
		Problems with making sense of information
		Difficulty paying attention
		Memory problems
		Other symptoms:

5.	Wh	When the individual needs to be admitted to the hospital, which schizophrenia symptoms are					
	most worrisome? (choose TOP 3)						
		Hallucinations (usually involve seeing or hearing things that don't exist, although can be in any of the					
		senses)					
		Delusions (beliefs not based in reality and usually involve misinterpretation of perception or experience)					
		Disorganized behavior (could range from childlike behavior to unpredictable agitation)					
		Thought disorder (difficulty speaking or organizing thoughts, stopping speech midsentence)					
		Agitated body movements					
		Verbal aggression					
		Physical aggression					
		Dull/monotonous voice					
		Lack of emotion					
		Lack of pleasure/interest in everyday life					
		Lack of ability to begin and sustain planned activities					
		Neglect of personal hygiene					
		Social withdrawal					
		Loss of motivation					
		Problems with making sense of information					
		Difficulty paying attention					
		Memory problems					
		Other symptoms:					
		N/A, the individual has never been admitted to a hospital.					

6.	When the individual is not in the hospital, which schizophrenia symptoms are most					
	woı	rrisome? (choose TOP 3)				
		Hallucinations (usually involve seeing or hearing things that don't exist, although can be in any of the				
		senses)				
		Delusions (beliefs not based in reality and usually involve misinterpretation of perception or experience)				
		Disorganized behavior (could range from childlike behavior to unpredictable agitation)				
		Thought disorder (difficulty speaking or organizing thoughts, stopping speech midsentence)				
		Agitated body movements				
		Verbal aggression				
		Physical aggression				
		Dull/monotonous voice				
		Lack of emotion				
		Lack of pleasure/interest in everyday life				
		Lack of ability to begin and sustain planned activities				
		Neglect of personal hygiene				
		Social withdrawal				
		Loss of motivation				
		Problems with making sense of information				
		Difficulty paying attention				
		Memory problems				
		Other symptoms:				

	wnat type of treatment is the person with schizophrenia <u>currently taking now?</u> (select a
	that apply)
	Oral antipsychotic (pills taken by mouth on daily basis)
	Long-acting injectable (shot/injections given on longer-term schedule, such as every month)
	Electroconvulsive therapy (ECT)
	Psychotherapy (talk therapy)
	Other: (please describe)
	None of the above [exclusive option]
8.	What type of treatment has the person with schizophrenia taken in the past? (select all
	What type of treatment has the person with schizophrenia taken in the past? (select all that apply)
	that apply)
<u> </u>	that apply) Oral antipsychotic (pills taken by mouth on daily basis)
<u> </u>	that apply) Oral antipsychotic (pills taken by mouth on daily basis) Long-acting injectable (shot/injections given on longer-term schedule, such as every month)
	that apply) Oral antipsychotic (pills taken by mouth on daily basis) Long-acting injectable (shot/injections given on longer-term schedule, such as every month) Electroconvulsive therapy (ECT)
	that apply) Oral antipsychotic (pills taken by mouth on daily basis) Long-acting injectable (shot/injections given on longer-term schedule, such as every month) Electroconvulsive therapy (ECT) Psychotherapy (talk therapy)

9. Please rate your agreement with the following statements:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I am confident that if the individual with schizophrenia takes their medication correctly that it will be effective	1	2	3	4	5
I am confident that the individual with schizophrenia takes their medication exactly like the doctors and nurses tell them to	1	2	3	4	5
The individual with schizophrenia is capable of taking their medication exactly like the doctors and nurses tell them to	1	2	3	4	5
I feel that I have to act as a mediator between the medical team and the individual with schizophrenia	1	2	3	4	5
I feel like I am responsible for the individual with schizophrenia's adherence to the treatment	1	2	3	4	5

10. Please rate the significance of the following issues when caring for the individual with schizophrenia, where 1 represents an issue that is not significant at all and 5 represents an issue that is very significant to you.

	Not at all significant	Slightly significant	Somewhat significant	Significant	Very significant
Disruption of your family life	1	2	3	4	5
Disruption or distraction to your job/career	1	2	3	4	5
Reduction in your ability to have a satisfying personal life	1	2	3	4	5
People with schizophrenia are judged or not approved of by members of the community	1	2	3	4	5
Strain on your physical health	1	2	3	4	5
Strain on your emotional health	1	2	3	4	5
Increased financial burden on you	1	2	3	4	5

QUESTIONS FOR CAREGIVERS NOT YET EXPOSED TO LAI MEDICATIONS <if not currently or previously on LAI in Q7-8>

For the next few questions, we will be referring to <u>long-acting injectable antipsychotic medications</u>. These treatments use the same medicine as oral antipsychotics but are given with a shot/injection so that the patient doesn't have to take a daily oral medication. The goal is to alleviate symptoms of schizophrenia and prevent relapse without the need for a daily oral medication.

11.	Have you ever had a conversation with a doctor or other healthcare provider about an injectable medication to help the individual with schizophrenia with their symptoms and prevent relapse without having to take an oral medication every day?
	Yes
	No
	<pre><if yes=""> Who initiated this conversation?</if></pre>
	Me, the caregiver
	The individual with schizophrenia
	The doctor/other healthcare provider

12. Please rate your agreement with the following statements:

☐ I can't remember

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
A long-acting injectable medication will increase my satisfaction or confidence in the care of the individual with schizophrenia	1	2	3	4	5
In my opinion, the individual with schizophrenia will be open to receiving a long-acting injectable medication rather than oral medication	1	2	3	4	5

13	3. As the caregiver, please indicate how significant the following potential problems or issues
	would be to you and to the individual with schizophrenia regarding the use of a long-acting
	injectable instead of oral medication.

	Not a problem	Slight problem	May be a problem	Probably a problem	Extreme problem
Fear of needles					
Higher cost of injectable medication compared to oral medication					
Lack of control over the medication					
Lack of information about what the medication does					

QUESTIONS FOR CAREGIVERS PREVIOUSLY EXPOSED TO LAI MEDICATIONS <if currently or previously on LAI in Q7-8>

For the next few questions, we will be referring to <u>long-acting injectable antipsychotic medications</u>. These treatments use the same medicine as oral antipsychotics but are given with a shot/injection so that the patient doesn't have to take a daily oral medication. The goal is to alleviate symptoms of schizophrenia and prevent relapse without the need for a daily oral medication.

14. Who initiated a conversation regarding using a long-acting injectable medication instead of oral medication?

_	N / _	41			
	IV/IE	INE	Care	eaive	ŧ.

- ☐ The individual with schizophrenia
- ☐ The doctor/other healthcare provider
- ☐ I can't remember

15. Please rate your agreement with the following statements:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
A long-acting injectable medication increases my satisfaction or confidence in the care of the individual with schizophrenia	1	2	3	4	5
In my opinion, the individual with schizophrenia sees benefits in receiving a longacting injectable medication rather than oral medication	1	2	3	4	5

16. As the caregiver, please indicate how significant the following potential problems or issues are to you and to the individual with schizophrenia regarding the use of a long-acting injectable instead of oral medication.

	Not a problem	Slight problem	May be a problem	Probably a problem	Extreme problem
Fear of needles					
Higher cost of injectable medication compared to oral medication					
Lack of control over the medication					
Lack of information about what the medication does					

ALL RESPOND TO THESE QUESTIONS:

17. Please rate your agreement with the following statements:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Long-acting injectable antipsychotics are as safe as other medications for schizophrenia management	1	2	3	4	5
Long-acting injectable antipsychotics are only used for patients with more severe symptoms	1	2	3	4	5
Society stigmatizes people with schizophrenia	1	2	3	4	5
The societal stigma is worse for people who receive injections for schizophrenia than those on oral medication	1	2	3	4	5
Injectable medications are only for patients who aren't taking their medication as directed	1	2	3	4	5

18. Please rate your agreement with the following statements:

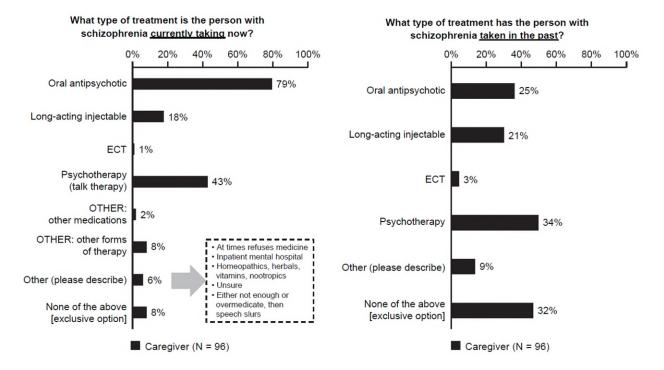
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I would benefit from more information about schizophrenia symptoms	1	2	3	4	5
I would benefit from more information about treatment options for schizophrenia	1	2	3	4	5
I would benefit from more information on how to provide quality supportive care for an individual with schizophrenia	1	2	3	4	5
I regularly use local community caregiver support resources	1	2	3	4	5
I regularly use online caregiver support resources	1	2	3	4	5
Local community caregiver support resources are inadequate sources of help or encouragement for me	1	2	3	4	5
Online caregiver support resources are inadequate sources of help or encouragement for me	1	2	3	4	5

19. W	nat types of resources do	you curre	ently use to learn more al	out schizo	phrenia? (select all		
tha	t apply)						
	Online, or Internet-based	I					
	☐ Printed materials received from healthcare professional						
	Printed materials not rec	eived from	healthcare professional				
	Information from healthca	are profess	ional provided during office	e visit			
	Local community-based	resources					
	Other (please specify): _						
	None, I do not use any re	esources to	learn more about schizop	hrenia			
20. <lf< th=""><th>selected online in Q16></th><th>Which wel</th><th>osites do you most often</th><th>visit to find</th><th>d information</th></lf<>	selected online in Q16>	Which wel	osites do you most often	visit to find	d information		
reç	garding schizophrenia? _						
21. Ple	ease rate your interest in	learning n	nore about schizophrenia	and its tre	atment.		
	1	2	3	4	5		
J	Not interested at all		Somewhat interested		Extremely interested		
22. Wł	nat informational or educ	ational top	oic(s) related to schizoph	renia and it	s treatment would be		
mo	ost valuable to you?						
23. Ple	ease rate your interest in	learning n	nore about providing car	e for individ	duals with		
sc	hizophrenia.						
	1	2	3	4	5		
١	Not interested at all		Somewhat interested		Extremely interested		
24. Wł	nat informational or educ	ational top	pic(s) related to providing	g care for in	dividuals with		
sc	hizophrenia would be mo	st valuabl	e to you?				

Demographic Questions

25.	How would you describe the location of your main residence? (select only one)
	Urban
	Suburban
	Rural

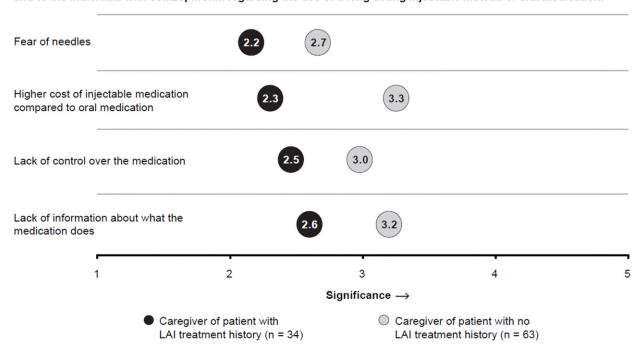
Supplemental Figure 1 Current treatment options.



Abbreviation: ECT, electroconvulsive therapy.

Supplemental Figure 2 Issues and barriers with LAI antipsychotic medications.

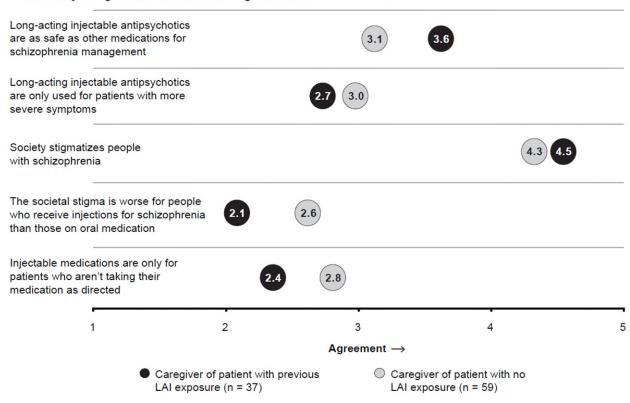
As the caregiver, please indicate how significant the following potential problems or issues would be (are) to you and to the individual with schizophrenia regarding the use of a long-acting injectable instead of oral medication.



Abbreviation: LAI, long-acting injectable.

Supplemental Figure 3 Perceptions with LAI antipsychotic medications.

Please rate your agreement with the following statements:



Abbreviation: LAI, long-acting injectable.