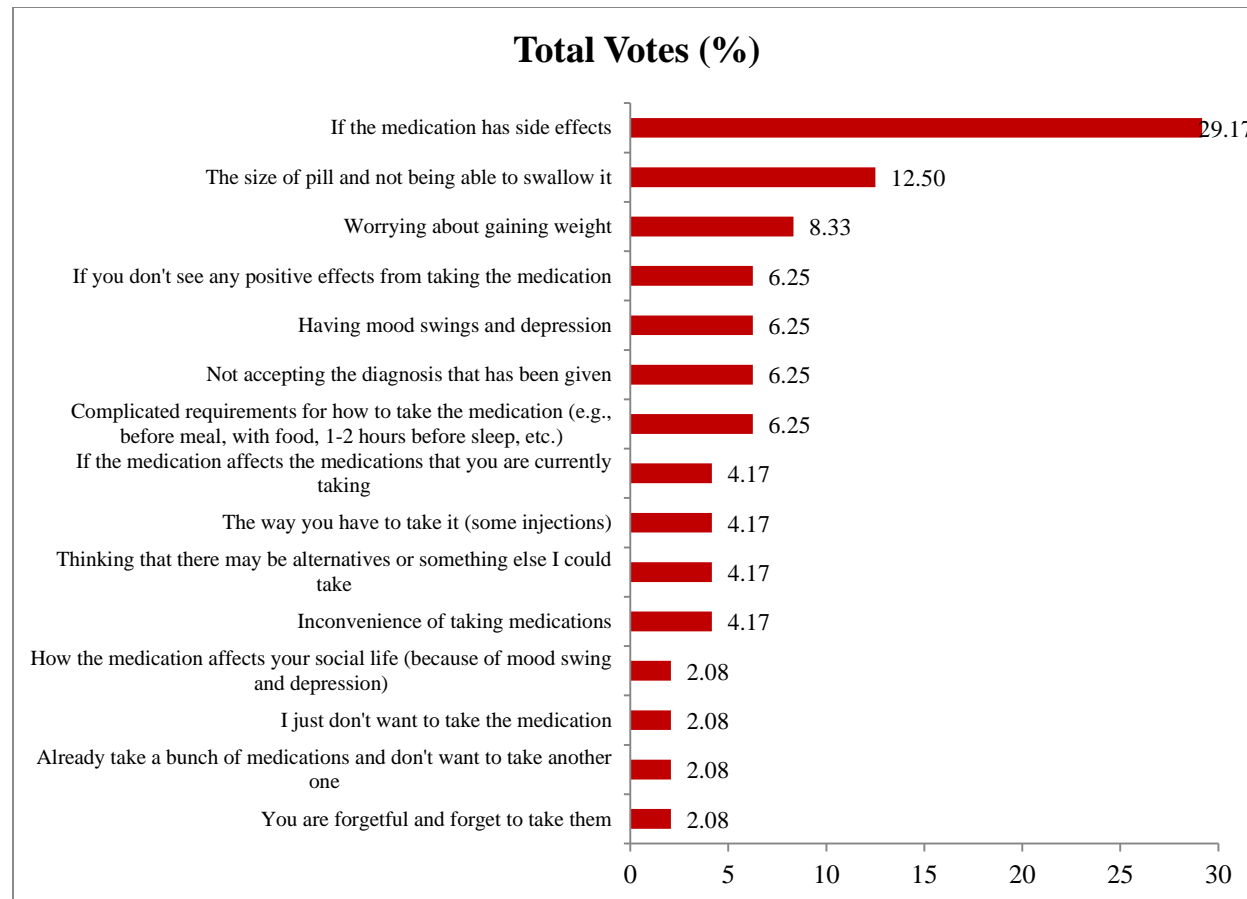
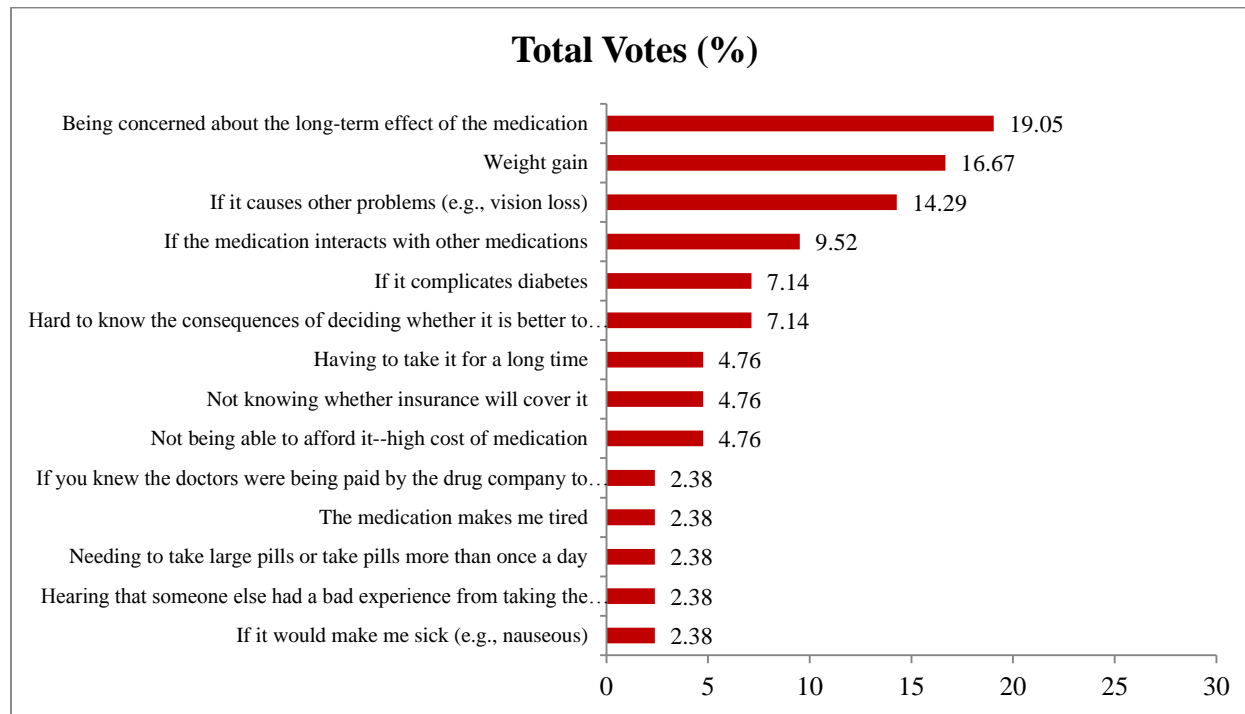


ONLINE SUPPLEMENTARY DATA

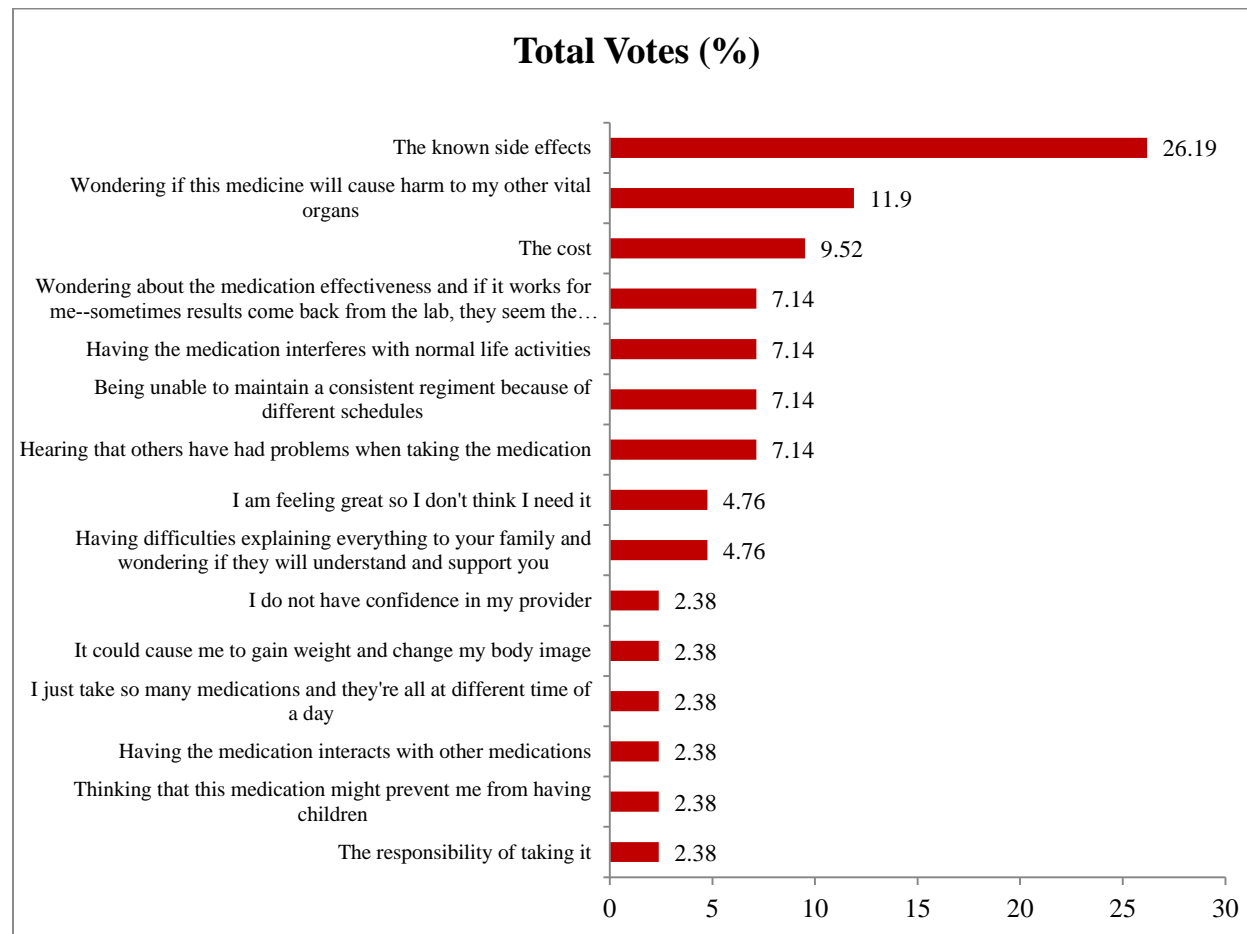
Supplementary Figure 1. NGT Panel AA1: Prioritized barriers to medication decision-making (n=8)



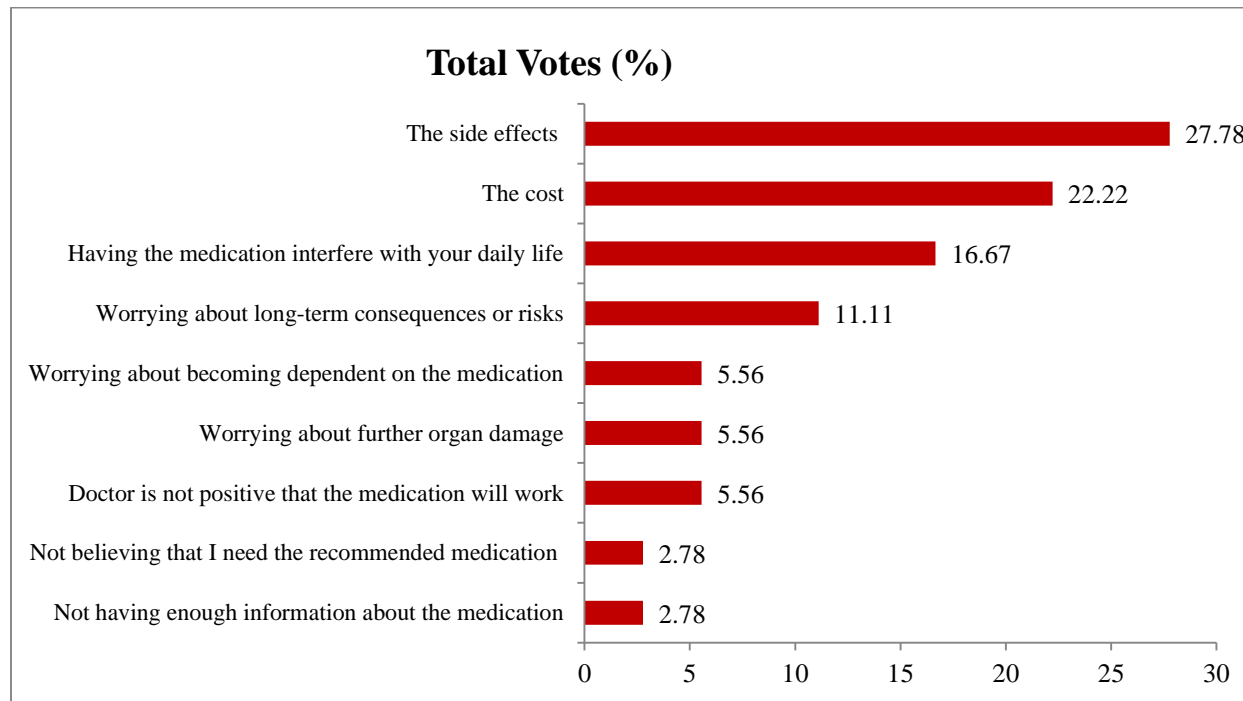
Supplementary Figure 2. NGT Panel AA2: Prioritized barriers to medication decision-making (n=7)



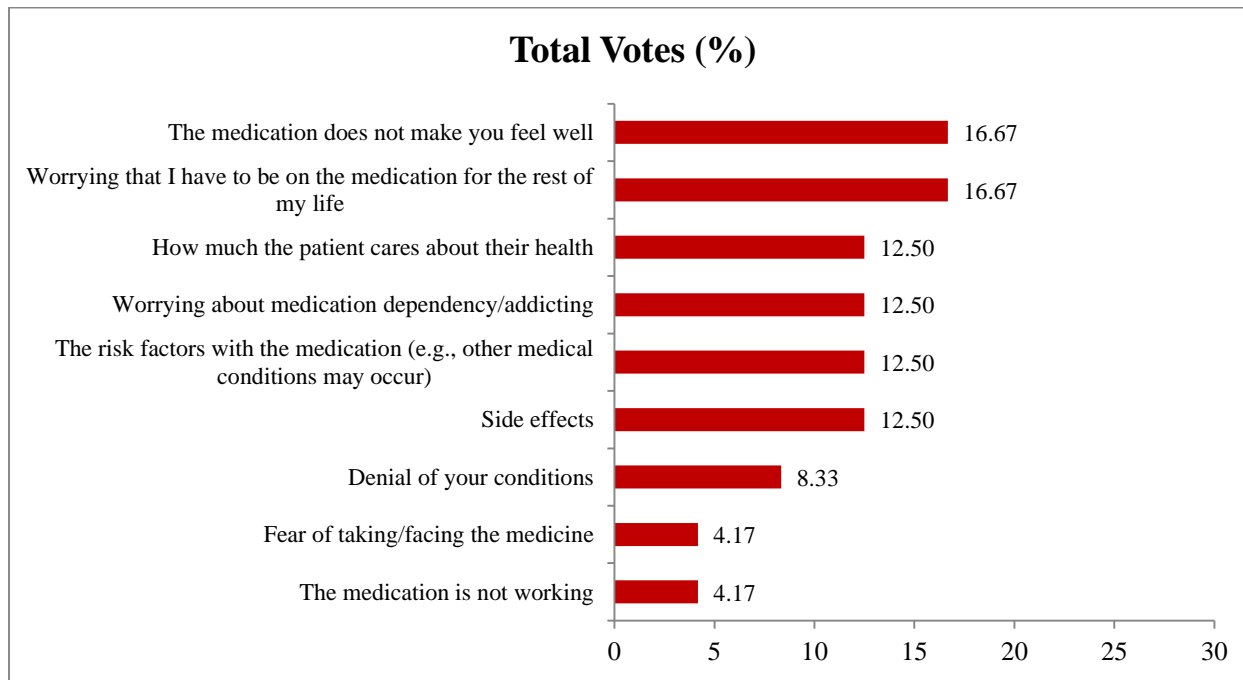
Supplementary Figure 3. NGT Panel AA3: Prioritized barriers to medication decision-making (n=7)



Supplementary Figure 4. NGT Panel AA4: Prioritized barriers to medication decision-making (n=6)

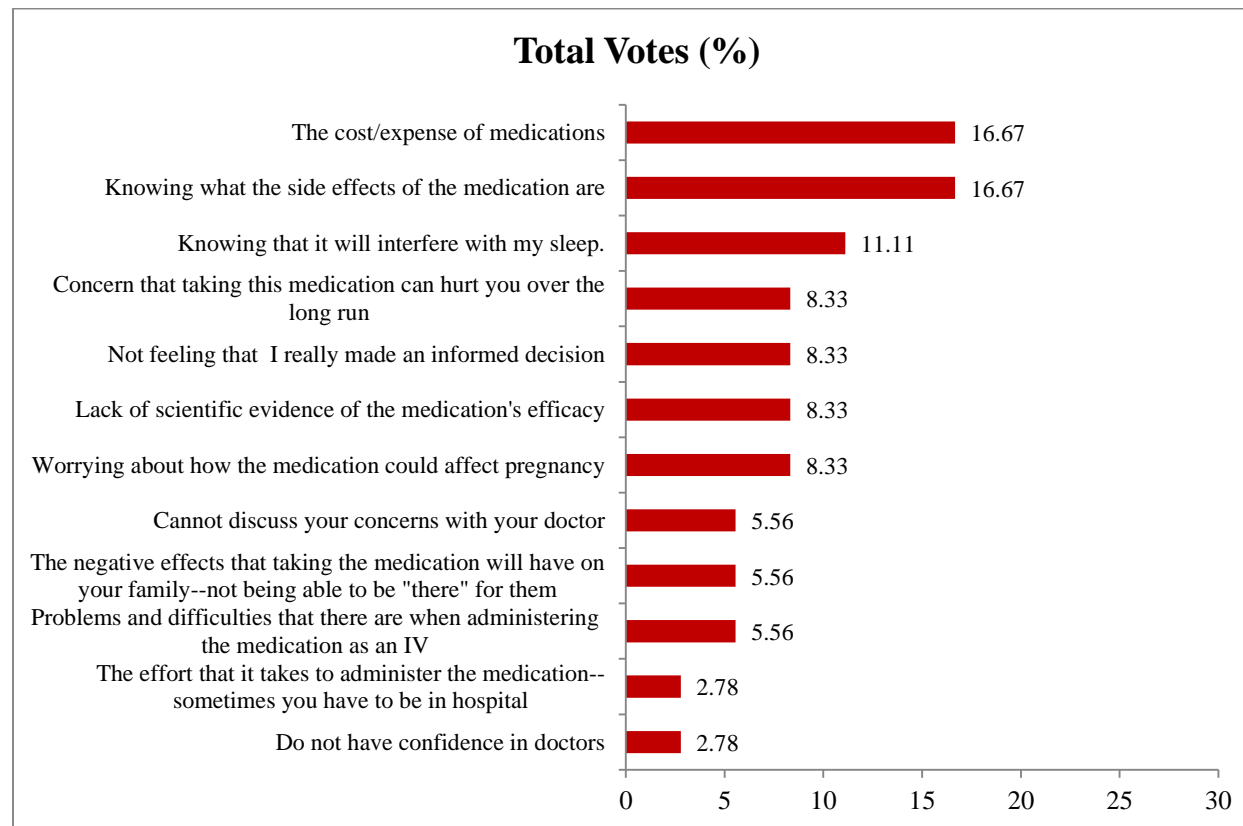


Supplementary Figure 5. NGT Panel CA5: Prioritized barriers to medication decision-making (n=4)^a

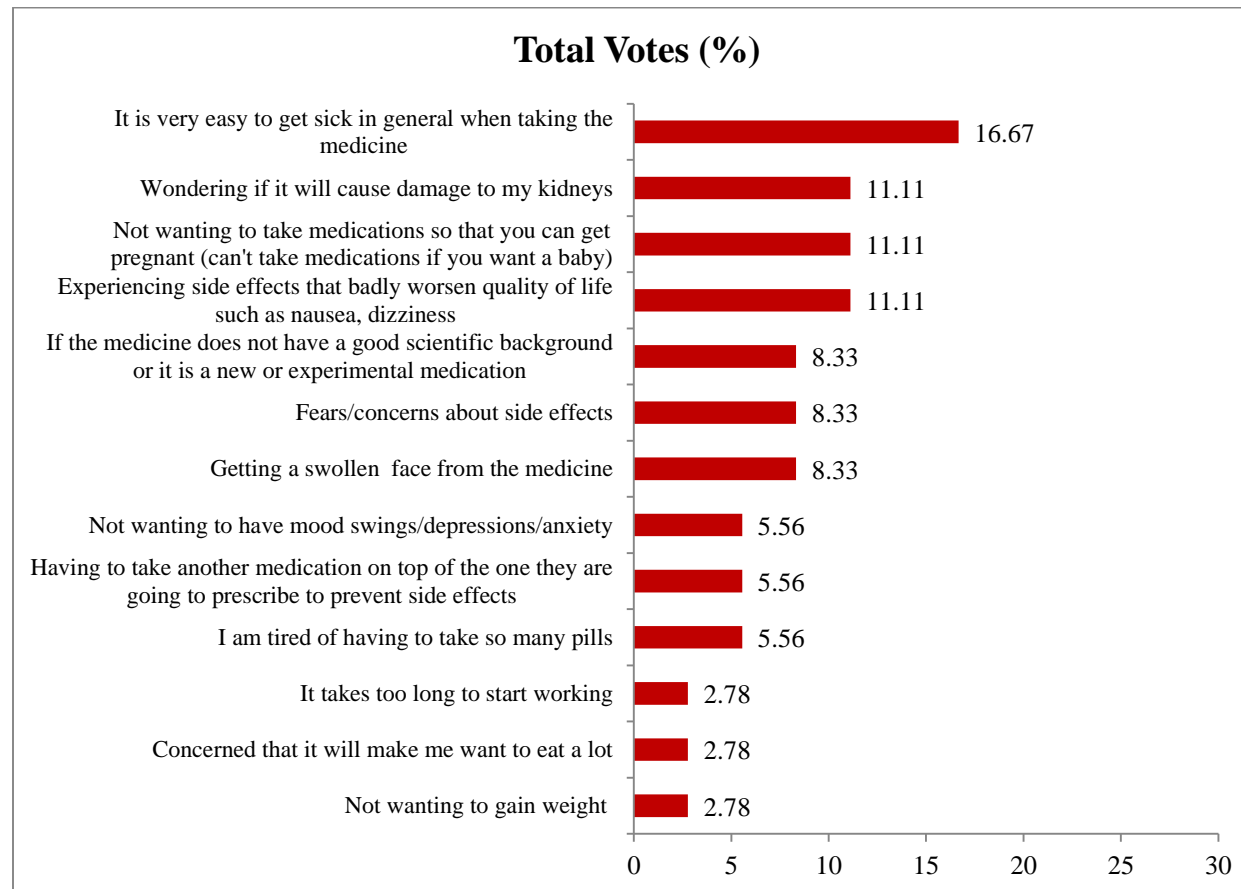


Note: ^a Caution should be used when using the results given the small n because it does not meet the recommended number.

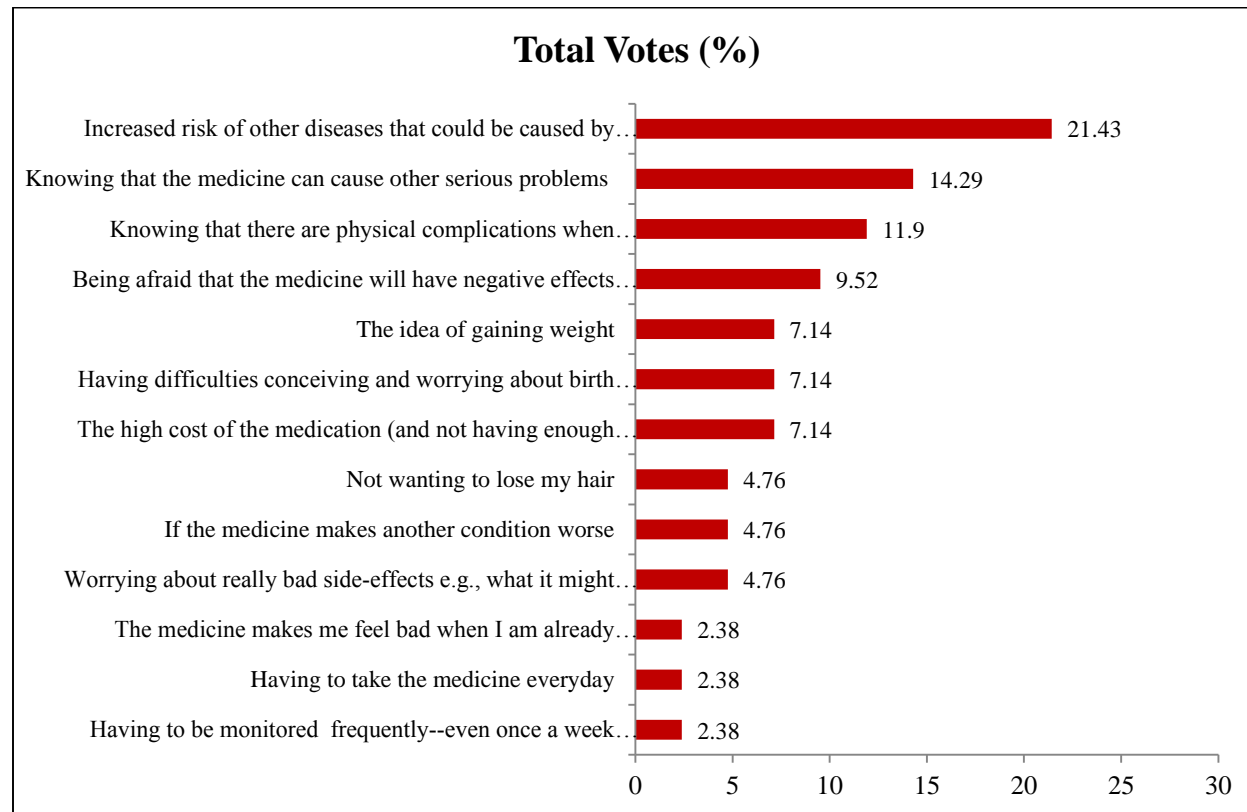
Supplementary Figure 6. NGT Panel CA6: Prioritized barriers to medication decision-making (n=6)



Supplementary Figure 7. NGT Panel HA7: Prioritized barriers to medication decision-making (n=6)



Supplementary Figure 8. NGT Panel HA8: Prioritized barriers to medication decision-making (n=7)



Supplementary Table 1. Patient quotes related to the most common concerns/barriers

Concern/barrier	Patient Quotes
Medication side effects, real and perceived, and their impact	<p>“Worry about side effects”</p> <p>“fears and concerns about side effects”</p> <p>“worrying about long-term consequences or risks”</p> <p>“Concern that taking this medication can hurt you over the long run”</p> <p>“Concerned about long-term side effects of medications”</p> <p>“experiencing side effects what badly worsen quality of life”,</p> <p>“very easy to get sick when taking medication”</p> <p>“The medicine makes me feel bad when I am already feeling pretty bad (crappy)”</p> <p>“wondering if it will harm my other vital organs”</p> <p>“worrying about further organ damage”</p> <p>“wondering if it will cause damage to my kidneys”</p> <p>“medication can cause serious problems and can make things worse”</p> <p>“afraid my heart can stop working”</p> <p>“If it complicates diabetes”</p> <p>“other medical conditions may occur (due to the medication)”;</p> <p>“If the medication interacts with other medications”</p>
Cost and economic barrier	<p>“The cost/expense of medications and ability to afford them”</p> <p>“high cost of the medication”</p> <p>“insurance does not cover medications”</p>
Impact on physical appearance (weight gain, puffy face etc.)	<p>“Worry about gaining weights”</p> <p>“Getting a swollen face from the medicine”</p> <p>“getting a puffy face from the medication”</p> <p>“being afraid that the medication will have negative effects on my physical appearance, for example, puffy face, stretch marks”</p> <p>“Not wanting to lose my hair”</p>
Doubts about the efficacy of the immunosuppressive medication	<p>“Uncertainty about the medication effectiveness and if it works for me”</p> <p>“hard to know the consequences of deciding whether it is better to take the medication or not take the medication”</p> <p>“medication doesn’t make you feel well”</p> <p>“lack of scientific evidence of the medication's efficacy”</p>

Too much medication	“just don't want to take the medication” “tired of having to take so many pills” “already take a bunch of medications and don't want to take another one” “take so many medications and they are all at different time of the day”
Increased risk of other diseases that could be caused by taking medicines	“causes other problems (e.g., vision loss)” “very easy to get sick in general when taking the medicine” “The risk factors with the medication (e.g., other medical conditions may occur)”
Medication interfering with normal life activities: In four nominal groups, patients were concerned about	“having medication interferes with normal life activities” “having the medication interfere with your daily life, e.g., not being able to do things you want to” “The negative effects that taking the medication will have on your family--not being able to be "there" for them”
Pregnancy issues	“having difficulties conceiving and worrying about birth defects that could be caused by the medicine” “Not wanting to take the medications so that you can get pregnant” “worrying about how the medication could affect pregnancy”
Complicated and Inconvenient ways of taking medications	“trouble being able to maintain consistent regimen due to different schedules of the medications” “Having to be monitored frequently--even once a week would make it hard” “Do not like injection” and “Have difficulties in taking large pills”
Other perceived barriers	“Not having confidence/trust in my doctor” “Not having enough information about the medication” “Having to take it for a long time” “Hearing that someone else had a bad experience from taking the medication” “Not wanting to have mood swings/depressions/anxiety”, “Responsibility and ability to take medication as prescribed”, and “Worrying about drug dependency or becoming addicted”