

Appendix 1

Participant testimonials:

Question/Impression					
Text messaging service is easy to use ^a	Very Easy (n=3 18.8%)	Easy (n=7 43.8%)	Somewhat Easy (n=3 18.8%)	Neutral (n=2 12.5%)	Difficult (n=1 6.3%)
Easy to find out if drugs are safe to use together using this service ^b	Strongly agree (n=4 25%)	Agree (n=6 37.5%)	Somewhat Agree (n=4 25%)		Disagree (n=2 12.5%)
The system would help in avoiding the use of potentially harmful medications with transplant medication ^c	Strongly agree (n=8 50%)	Agree (n=5 31.3%)	Somewhat Agree (n=2 12.5%)		Disagree (n=1 6.3%)
Like to use the text messaging system to find out potential drug interactions. ^d	Strongly agree (n=7 43.8%)	Agree (n=5 31.3%)	Somewhat Agree (n=2 12.5%)		Disagree (n=2 12.5%)
How to improve the system ^e	<p>“Use (transplant) medication names patients are familiar with, e.g., “Prograf” rather than “Tacrolimus).</p> <p>“Use a letter code for each drug rather than the long drug name”</p> <p>“Instead of the text message “Transplant”, shorten it to “TX” (easier to spell)</p> <p>“find an easier way to spell medication names; concern about copying medication names from pill bottles (small letters and maybe problems spelling)”.</p> <p>“Spelling the medication name is difficult but I think the full name of the medicine needs to be entered to avoid confusion (mistake) with other drugs with similar sounding names”.</p> <p>“Shorten drug names. Have a list of drugs with abbreviations (codes)</p>				

	<p>come up; e.g., ERYTRHOMYCIN=ERY” “Picking from a list rather than typing”. “Drop down menu for patient to select from a list of drugs and press ok”</p> <p>“Put over the counter medicines also in the system. Find a way to (check for interactions), all the drugs patient on with a new drug”</p> <p>“Lot of typing; reduce steps, one text instead of several steps”</p> <p>“Voice prompts-put on speaker” (for people with difficulty typing/reading”. “Letters in the phone too small”</p>
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^a How easy or difficult did you find the KT-SMS text message service to use?

^b It is easy to find out if drugs are safe to use together using the KT-SMS/text service

^c I think the system will help me avoid using medicines that may be harmful to use with my transplant medication.

^d I like using the cell phone text messaging system to find out whether a medication may react with my transplant medicine; ^e Can you list two things you would like to see changed to make the system better?

Appendix 2: EXIT QUESTIONS/USER
IMPRESSIONS QUESTIONNAIRE:

1. How easy or difficult did you find the KT-SMS text message service to use?

- ☐ Very difficult
- ☐ Difficult
- ☐ Somewhat difficult
- ☐ Neutral (don't know)
- ☐ Somewhat easy
- ☐ Easy
- ☐ Very easy

How much do you agree or disagree with the following statements?

2. It is easy to find out if drugs are safe to use together using the KT-SMS/text service

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Somewhat disagree
- ☐ Neither agree nor disagree
- ☐ Somewhat agree
- ☐ Agree
- ☐ Strongly agree

3. I think this system will help me avoid using medicines that may be harmful to use with my transplant medication.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Somewhat disagree
- ☐ Neither agree nor disagree
- ☐ Somewhat agree
- ☐ Agree
- ☐ Strongly agree

4. I like using the cell phone text message system to find out whether a medication may react with my transplant medicine.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Somewhat disagree
- ☐ Neither agree nor disagree
- ☐ Somewhat agree
- ☐ Agree
- ☐ Strongly agree

5. Can you list two things that you would like to see changed to make the system better?