

# mapit

A Web-Based Tool Addressing Treatment Motivation and Related Behaviors

Scott Walters  
Faye Taxman  
Funded by R01 DA029010-01

Two thirds of probationers are drug involved...  
...but less than half participate in treatment

Mumola, 1995

One quarter of incarcerations are drug offenses

\$6.4 B

Drug  
Violent  
Public & Property

Schmitt, Warner, & Gupta, 2010

\$6.4 B =

A country + 300 new schools + Cleveland Browns

## About MAPIT

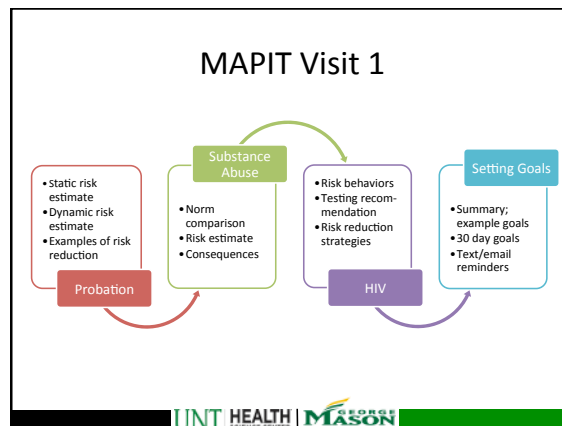
- 2-session program targeting drug-using probationers.
- Targets motivation to change substance use, criminal behavior, and HIV risk.
- Includes risk assessment, planning, social support, automated reminders.
- Simple, intuitive layout.
- Responsive "synthetic" narration.
- Compatible with system of care.

## Theoretical Background

| Theory                                 | Application   |
|--|---|
| <b>Extended Parallel Process Model</b> | Risk of probation violation based on static and dynamic factors; Future behaviors most likely to reduce risk.   |
| <b>Social Cognitive Theory</b>         | How clients compare to others; Framing suggestions in terms of what other people do; Videos of model responses. |
| <b>Motivational Interviewing</b>       | Affirmations, Reflections, Summaries; Interactive tone that emphasizes autonomy, collaboration, evocation.      |

### MI? Huh?

| MI Phase        | Application  |
|-----------------|--|
| <b>Engaging</b> | Language “tone” emphasizes autonomy, collaboration, evocation; Open questions, affirmations, and summary statements. |
| <b>Focusing</b> | Helps identify behaviors that are more likely to produce a successful probation outcome.                             |
| <b>Evoking</b>  | Personalized, dynamic feedback; Targeted questions and selective reinforcement of responses.                         |
| <b>Planning</b> | Goal setting, behavior change strategies, identifying social support, text/email reminders.                          |

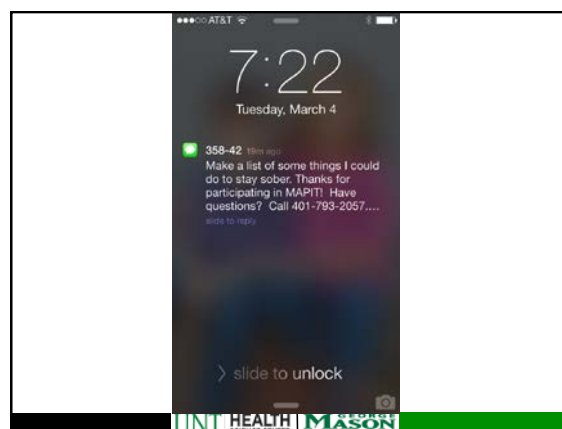
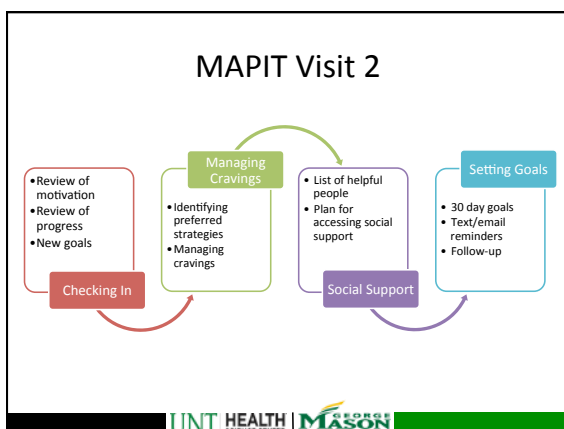


- ### Making MAPIT “Smart”
- TTS engine can read (almost) everything on demand.
  - Tailored reflections based on single-item responses.
  - Tailored reflections/information/suggestions based on multi-question response patterns.
  - Responses can connect to earlier material, or push a little bit beyond what the person said.
  - The program can “dial up” or “dial down” the language based on response strength.

Thanks for sticking with me. You said that your most important reasons for completing probation had to do with your relationships and the hassle of paying probation fees. Based on this, you are fairly committed to completing probation. One thing you thought you could do in the next week is to get rid of all your drug equipment so that you're not tempted to use. I'll make sure to text you, and remind you about your goal.

Thanks for sticking with me. You said that your most important reasons for completing probation had to do with the shame of being on probation and wanting to avoid future legal trouble. Based on this, you are very committed to completing probation. You're willing to do whatever it takes. One thing you thought you could do in the next week is to put a phone number in your phone of someone you could call if you needed to talk. I'll make sure to text you, and remind you about your goal.



**map it**  
getting on with your life

Summary Report for Smart First visit  
(Printed on Smart Day)

Thank for participating in SMART. This is a summary of the information you provided during your Smart Day visit. The goal of the report is to give you information so that you can make the most of your visit.

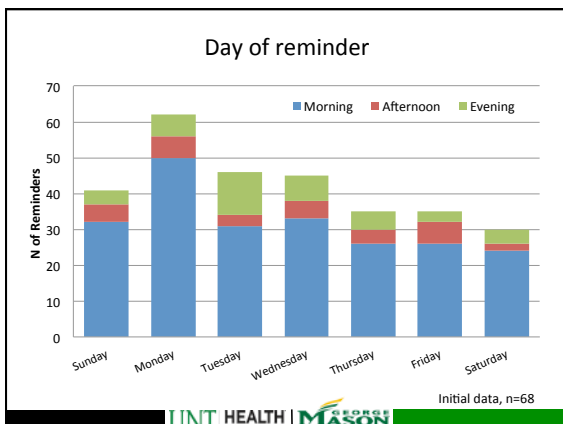
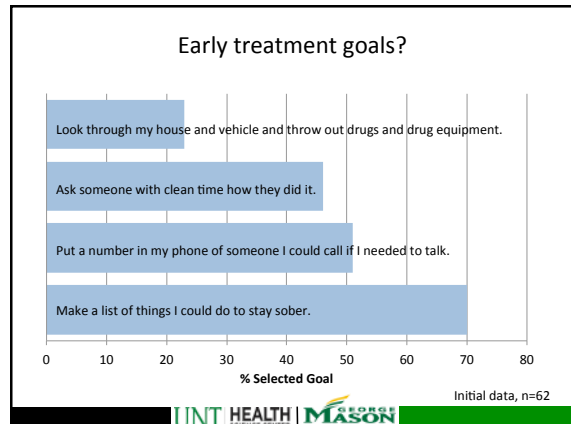
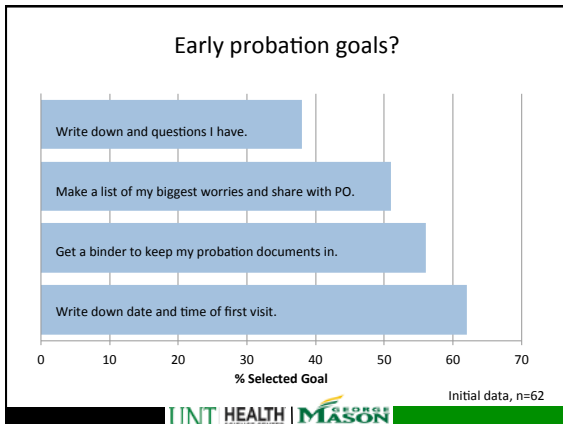
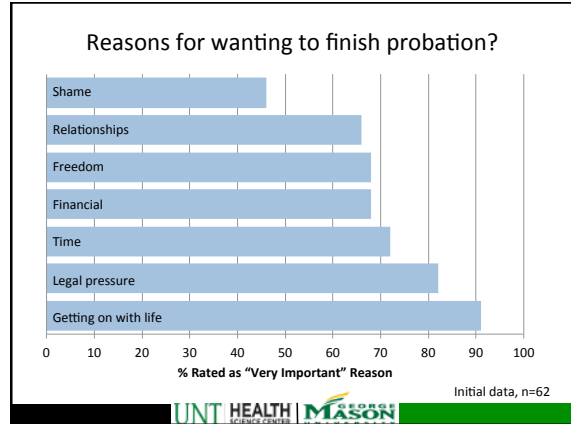
**SETTING PROBABATION PRIORITIES**  
The number of items you listed as your top 3 priorities. The higher the list, the higher the priority. You can compare this to the number of items you listed as your top 3 priorities in the SMART program.

**SMART STRATEGIES**

How many of the things that people mentioned as being important to help with their probation completion?

- None
- 1-2
- 3-4
- 5-6
- 7-8
- 9-10
- 11-12
- 13-14
- 15-16
- 17-18
- 19-20
- 21-22
- 23-24
- 25-26
- 27-28
- 29-30
- 31-32
- 33-34
- 35-36
- 37-38
- 39-40
- 41-42
- 43-44
- 45-46
- 47-48
- 49-50
- 51-52
- 53-54
- 55-56
- 57-58
- 59-60
- 61-62
- 63-64
- 65-66
- 67-68
- 69-70
- 71-72
- 73-74
- 75-76
- 77-78
- 79-80
- 81-82
- 83-84
- 85-86
- 87-88
- 89-90
- 91-92
- 93-94
- 95-96
- 97-98
- 99-100

Initial data, n=62



Samples of the program can be viewed at:

- <http://youtu.be/9yV6bTn1tVE>
- <http://youtu.be/XEZ5o48WwTg>
- <http://youtu.be/u2SHWG0QXe8>
- <http://youtu.be/wMShVdPpcsw>