

THIS I BELIEVE:

Lessons Learned:

Choice is Important

Systems Perspective

Reach is Important

Dissemination is Hard:
A Story

Context is King

Transparency in Reporting

Maintenance is Critical

MINC and Cost-
effectiveness

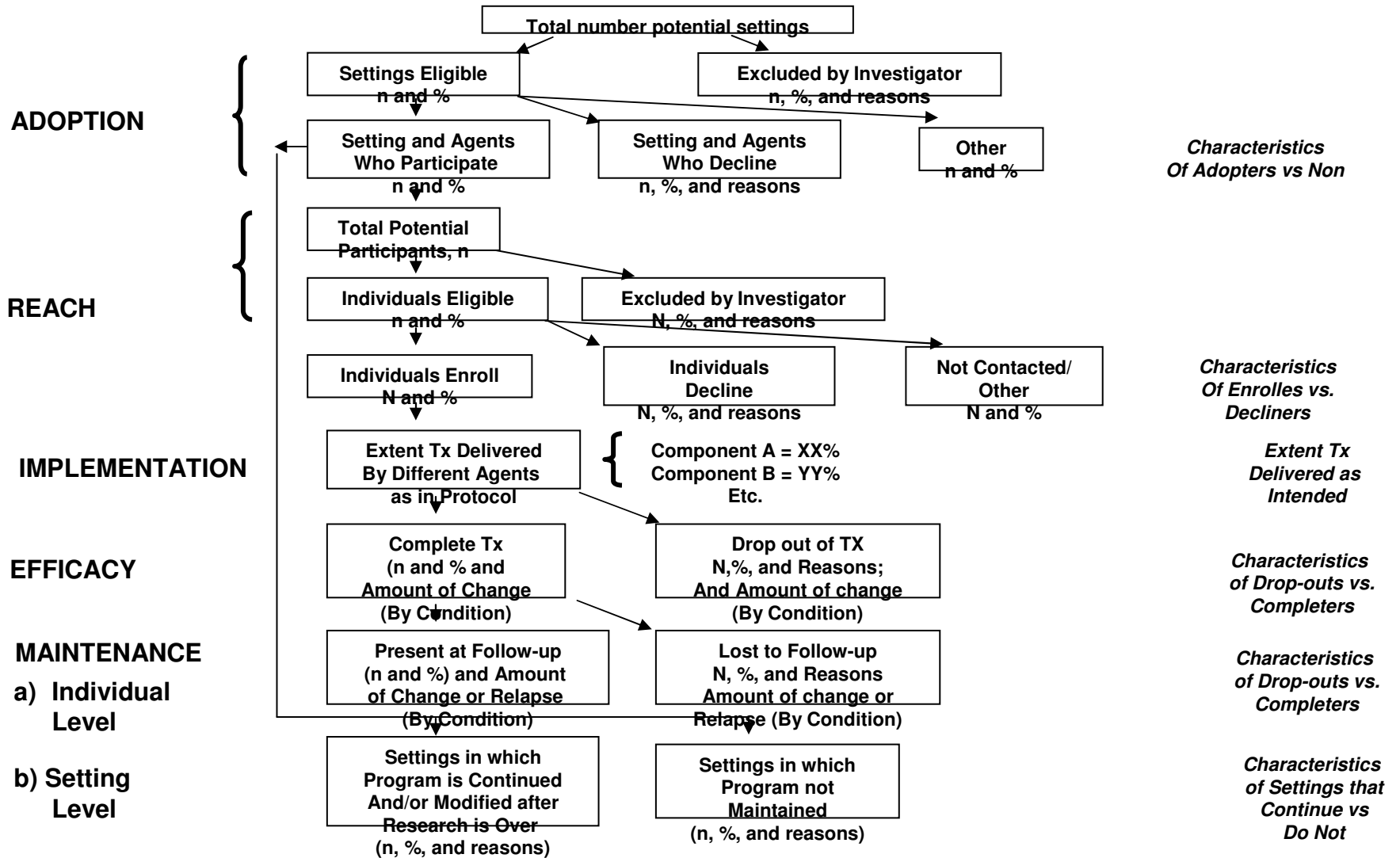
ULTIMATE IMPACT OF MAGIC DIET PILL: LAW OF HALVES

<u>Dissemination Step</u>	<u>Concept</u>	<u>% Impacted</u>
50% of Clinics Use	Adoption	50%
50% of Clinicians Prescribe	Adoption	25%
50% of Patients Accept Medication	Reach	12.5%
50% Follow Regimen Correctly	Implementation	6.2%
50% of Those Taking Correctly Benefit	Effectiveness	3.2%
50% Continue to Benefit After 6 Months	Maintenance	1.6%

EXTENDED CONSORT DIAGRAM Content

Critical Considerations

RE-AIM Issue



*At each step, record qualitative and quantitative information and factors affecting each RE-AIM dimension and step in flowchart.

THE FUTURE...WHAT IS COMING

National Health Trends

**Genomics/Personalized
Medicine¹**

**Health disparities²
(racial, ethnic, rural,
age, SES, etc.)**

How Behavioral HIT Can Fit

**Genetic counseling, risk
perception, graphical
displays; numeracy,
communication, gene-
environment interactions**

**Identification of root
causes, social-physical-
perceived
Environment (GIS), implicit
bias (CAT), tailoring**

¹Collins FS. *The Language of Life*, Harper Collins, 2010

²Glasgow RE, et al. *NIH Science Agenda...Amer J Public Health* 2007;97(11):1936-1938

THE FUTURE...MAYBE?

National Health Trends

**Aging/Complex
Patients/Medical Home**

**Distributed Research
Networks (HMO—VA—
PBRN—HRSA)**

How Behavioral HIT Can Fit

**Patient-centered communication
Shared decision making
Self-monitoring sent to
care team (various)
Comorbidity registries
including mental health
and distress**

**Behavioral and patient-
centered measures*
Study of setting factors,
context and generalizability**

*Glasgow et al. Where is the patient...*Diabetes Care* 2008;31(5):1046-1050

THE FUTURE?

National Health Trends

**Electronic Medical
Records/Portability/
Interoperability**

**Comparative
Effectiveness
Research
(Pharmacogenomics,
medical devices)**

How Behavioral HIT Can Fit

**Consumer-based EMR,
patient portals, include
patient preferences,
goals, quality of life,
integration of EMR with
Web 2.0 applications***

**Integrated behavioral
systems, interventions,
CER-T for translation**

**Bennett GG, Glasgow RE. The delivery of public health interventions...Annu Rev Public Health 200;30:273-292*

IOM AIMS FOR CHRONIC ILLNESS CARE

IOM AIM	CURRENT BHIT STATUS	KEY FUTURE DIRECTIONS
EFFECTIVE	Generally-limited by RE-AIM issues	Overall QOL
EFFICIENT	Great promise	Cost-effectiveness CER
SAFE	Generally good	Unintended consequences
EQUITABLE	Mixed results	Health literacy + numeracy
PATIENT-CENTERED	Can be or not	Autonomy support; patient activation
TIMELY	Strongest feature	Integration into EHR