



# The Heart and Soul of Change:

What Works in Therapy

Scott D. Miller, Ph.D.

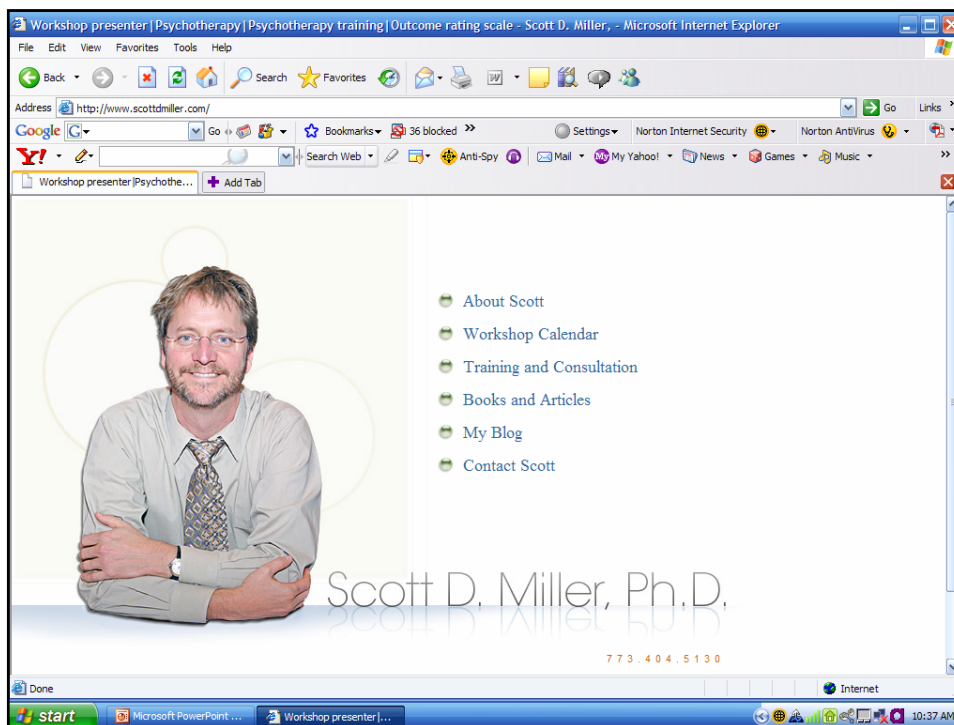
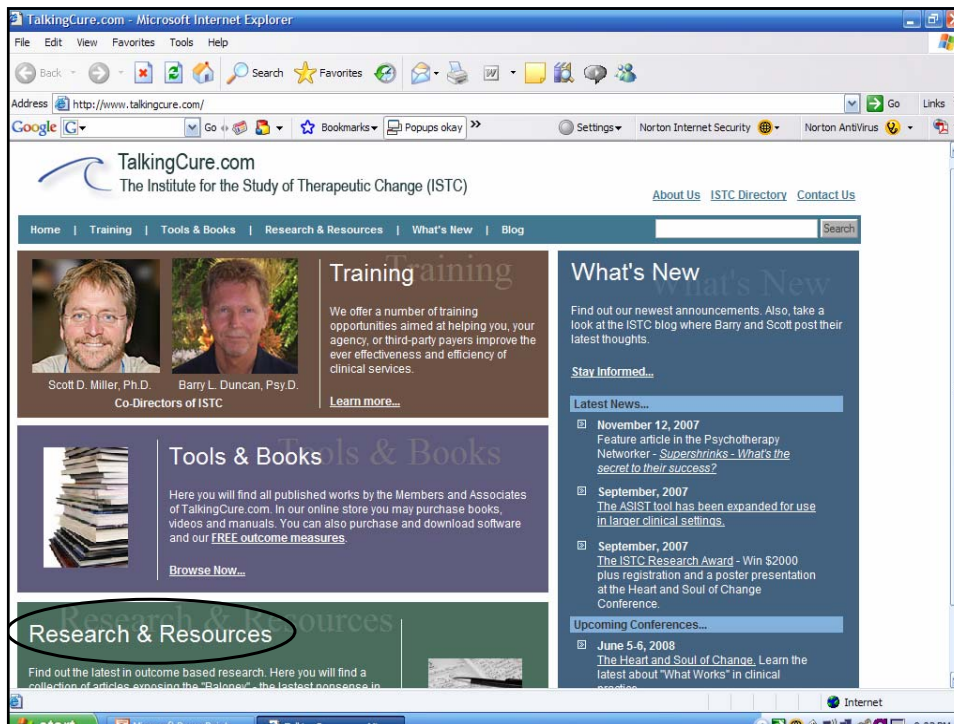


# I.S.T.C.

Institute for the Study of Therapeutic Change

P.O. Box 578264  
Chicago, IL 60657-8264

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- *Therapists*
- *Administrators*
- *Researchers*
- *Payers*
- *Business executives*
- *Regulators*



## What Works in Therapy



- “Accountability,” “Stewardship,” & “Return on Investment” the buzzwords of the day.
- Part of a world wide trend not specific to mental health and independent of any particular type of reimbursement system.

 Lambert, M.J., Whipple, J.L., Hawkins, E.J., Vermeersch, D.A., Nielsen, S.L., Smart, D.A. (2004). Is it time for clinicians routinely to track patient outcome: A meta-analysis. *Clinical Psychology, 10*, 288-301.






What Works in Therapy:  
Pop Quiz

Question #1:

Research consistently shows that treatment works

**True**

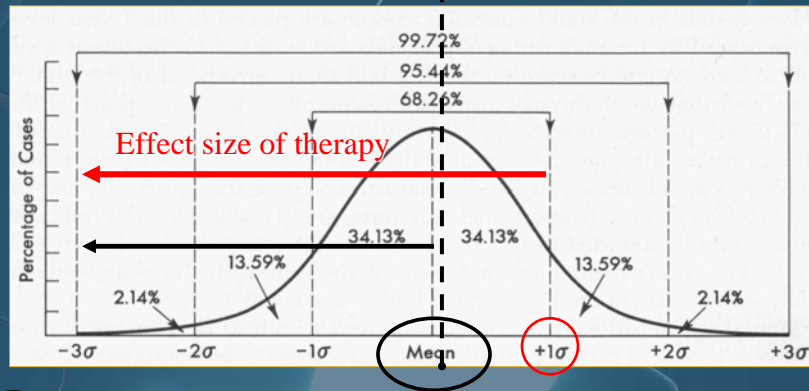
Study after study, and studies of studies show the average treated client is better off than 80% of the untreated sample.





# Tutorial on "Effect Size"

← Effect size of Aspirin



Rosenthal, R. (June 1990). How are we doing in soft psychology? *American Psychologist*, 45(6), 775-777.  
 Duncan, B., Miller, S., & Sparks, J. (2004). *The Heroic Client* (2<sup>nd</sup> ed.). Jossey-Bass: San Francisco, CA.



# What Works in Therapy: The Data

Treatment	Effect Size
Psychotherapy	.8 - 1.2 $\sigma$
Marital therapy	.8
Bypass surgery	.8 $\sigma$
ECT for depression	.8 $\sigma$
Pharmacotherapy for arthritis	.61 $\sigma$
Family therapy	.58 $\sigma$
AZT for AIDS mortality	.47 $\sigma$


Lipsey, M.W., & Wilson, D.B. (1993). The efficacy of psychological, behavioral, and educational treatment. *American Psychologist*, 48, 1181-1209.  
 Shadish, W.R., & Baldwin, S.A. (2002). Meta-analysis of MFT interventions. In D.H. Sprenkle (Ed.), *Effectiveness research in marriage and family therapy* (pp.339-370). Alexandria, VA: AAMFT.



# What Works in Therapy: The Data

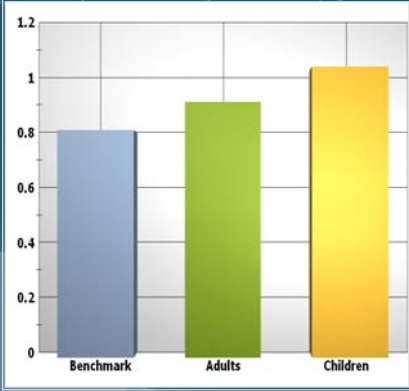
Procedure or Target:	Number Needed to Treat (NNT)*:
Behavioral Health (depression in adults or children, aggression, conduct disorder, bulimia, PTSD)	3-7
Medicine (Acute MI, CHF, Graves Hyperthyroidism, medication treated erectile dysfunction, stages II and III breast cancer, cataract surgery, acute stroke, etc.).	3-7
Aspirin as a prophylaxis for heart attacks	129

\*NNT is the number needed to treat in order to achieve one successful outcome that would not have been accomplished in the absence of treatment.

<http://www.cebm.utoronto.ca/glossary/nntsPrint.htm#table> 

# What Works in Therapy: An Example


- More good news:
  - Research shows that only 1 out of 10 clients on the average clinician's caseload is not making any progress.
- Recent study:
  - 6,000+ treatment providers
  - 48,000 plus real clients
  - Outcomes clinically equivalent to randomized, controlled, clinical trials.



Category	Value
Benchmark	0.8
Adults	0.9
Children	1.0

Kendall, P.C., Kipnis, D. & Otto-Salaj, L. (1992). When clients don't progress. *Cognitive Therapy and Research*, 16, 269-281.

Minami, T., Wampold, B., Serlin, R. Hamilton, E., Brown, J., Kircher, J. (2008). Benchmarking the effectiveness of treatment for adult depression in a managed care environment: A preliminary study. *Journal of Consulting and Clinical Psychology*, 76(1), 116-124.





## What Works in Therapy: The "Good News"

### The bottom line?

- The majority of helpers are effective and efficient *most* of the time.
- Average treated client accounts for only 7% of expenditures.



So, what's the problem...




## What Works in Therapy: The "Bad News"

- Drop out rates average 47%;
- Therapists frequently fail to identify failing cases;
- 1 out of 10 clients accounts for 60-70% of expenditures.



Lambert, M.J., Whipple, J., Hawkins, E., Vermeersch, D., Nielsen, S., & Smart, D. (2004). Is it time for clinicians routinely to track client outcome? A meta-analysis. *Clinical Psychology, 10*, 288-301.  
Chasson, G. (2005). Attrition in child treatment. *Psychotherapy Bulletin, 40*(1), 4-7.



# What Works in Therapy: Pop Quiz


**Question #2:**

**False**

Stigma, ignorance, denial, and lack of motivation are the most common reasons potential consumers do not seek the help they need.

Second to cost (81%), *lack of confidence* in the outcome of the service is the primary reason (78%). Fewer than 1 in 5 cite stigma as a concern.

[http://www.apa.org/releases/practicepoll\\_04.html](http://www.apa.org/releases/practicepoll_04.html)




# Outcome: How do therapists compare?

In a recent survey on how much consumers trusted various professionals....




The consumer

Therapists

Talkingcure.com Psychotherapy in Australia (2001). Trust in therapists? 7(1), 4.




# What Works in Therapy: Pop Quiz



Substance Abuse and Mental Health Services Administration  
United States Department of Health and Human Services

**EVIDENCE-BASED PRACTICES**  
Shaping Mental Health Services Toward Recovery

- Cognitive Therapy
- Behavioral Therapy
- Cognitive Behavioral Therapy
- Motivational Interviewing
- Twelve Steps
- Dialectical Behavioral Therapy
- Multidimensional Family Therapy
- Structural Family Therapy
- Functional Family Therapy
- Skills Training
- Acceptance and Commitment Therapy
- Existential Therapy
- Client-centered Therapy
- Systemic Therapy
- Biopsychosocial Therapy
- Solution-focused Therapy
- Multimodal Therapy
- Psychodynamic Therapy
- Narrative Therapy
- Integrative Problem-Solving Therapy
- Eclectic Therapy
- Interpersonal Psychotherapy
- Transtheoretical Therapy



# What Works in Therapy: Pop Quiz







**Still Raging!**

- Cognitive Therapy
- Behavioral Therapy
- Cognitive Behavioral Therapy
- Motivational Interviewing
- Twelve Steps
- Dialectical Behavioral Therapy
- Multidimensional Family Therapy
- Structural Family Therapy
- Functional Family Therapy
- Skills Training
- Acceptance and Commitment Therapy
- Existential Therapy
- Client-centered Therapy
- Systemic Therapy
- Biopsychosocial Therapy
- Solution-focused Therapy
- Multimodal Therapy
- Psychodynamic Therapy
- Narrative Therapy
- Integrative Problem-Solving Therapy
- Eclectic Therapy
- Interpersonal Psychotherapy
- Transtheoretical Therapy





# What Works in Therapy: Pop Quiz

Question #3:

**FALSE**

Of all the factors affecting treatment outcome, treatment model (technique or programming) is the *most potent*.

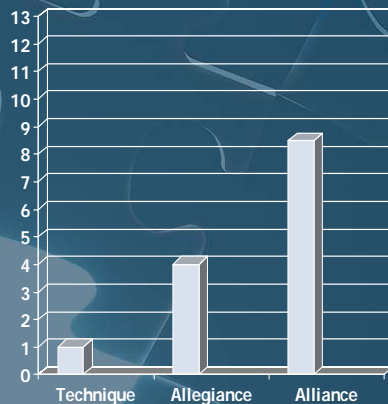
Technique makes the smallest percentage-wise contribution to outcome of any known ingredient.



# What Works in Therapy: Factors accounting for Success


## Outcome of Treatment:

- 60% due to “Alliance” ([aka “common factors”] 8%/13%)
- 30% due to “Allegiance” Factors (4%/13%)
- 8% due to model and technique (1/13)



Wampold, B. (2001). *The Great Psychotherapy Debate*. New York: Lawrence Erlbaum.


# What Works in Therapy: Current State of Clinical Practice



Nonetheless, in spite of the data:

- Therapists firmly believe that the expertness of their techniques leads to successful outcomes;
- The field as a whole is continuing to embrace the medical model.
  - Emphasis on so-called, “empirically supported treatments” or “evidence based practice.”
  - Embracing the notion of diagnostic groups.

Eugster, S.L. & Wampold, B. (1996). Systematic effects of participants role on the evaluation of the psychotherapy session. *Journal of Consulting and Clinical Psychology, 64*, 1020-1028.



# What Works in Therapy: Research on the Alliance

•Research on the alliance reflected in over 1000 research findings.



Client's Theory of Change

Goals, Meaning or Purpose

Means or Methods

Client's View of the Therapeutic Relationship

Bachelor, A., & Horvath, A. (1999). The Therapeutic Relationship. In M. Hubble, B. Duncan, & S. Miller (eds.), *The Heart and Soul of Change*. Washington, D.C.: APA Press.





## The Client's Theory of Change: Empirical Findings

- In the Hester, Miller, Delaney, and Meyer study:
  - A difference in outcome was found between the two groups depending on whether the treatment fit with the client's pre-treatment beliefs about their problem and/or the change process.
- When treatment of people diagnosed as schizophrenic was changed to accord their wishes and ideas:
  - More engagement;
  - Higher self-ratings; and
  - Improved objective scores.

Hester, R., Miller, W., Delaney, H., & Meyers, R. (1990). *Effectiveness of the community reinforcement approach*. Paper presented at the 24<sup>th</sup> annual meeting of the AABT, San Francisco, CA.

Duncan, B., & Miller, S. (2000). The client's theory of change: Consulting the client in the integrative process. *Journal of Psychotherapy Integration, 10*(2), 169-187.

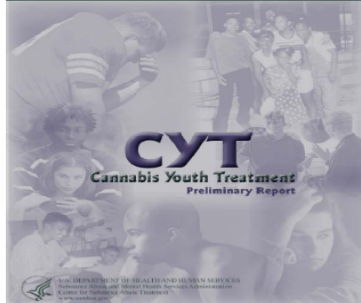
Priebe, S., & Gruyters, T. (1999). A pilot trial of treatment changes according to schizophrenic patients' wishes. *Journal of Nervous and Mental Disease, 187*(7), 441-443.

Kelin, E., Rosenberg, J., & Rosenberg, S. (2007). Whose treatment is it anyway? The role of consumer preferences in mental healthcare. *American Journal of Psychiatric Rehabilitation, 10*(1), 65-80.



## What Works in Therapy: An Example

### Cannabis Youth Treatment (CYT) Randomized Field Experiment




**Michael Dennis, Ph.D.,  
Susan H. Godley, Rh.D.,  
Guy S. Diamond, Ph.D.,  
Frank M. Tims, Ph.D.,  
Thomas Babor, Ph.D.,  
Jean Donaldson, M.A.,  
Howard Liddle, Ed.D.,  
Janet C. Titus, Ph.D.,  
Yifrah Kaminer, M.D.,  
Charles Webb, Ph.D.,  
Nancy Hamilton, M.P.A.,  
and the CYT steering committee**  
*Presentation in Symposium 04, "State-of-the-Art Adolescent Substance Abuse Prevention and Treatment" at the American Psychiatric Association Annual Conference, Philadelphia, PA, May 18-23, 2002.*



Dennis, M., Godley, S., Diamond, G., Tims, F., Babor, T., Donaldson, J., Liddle, H., Titus, J., Kaminer, Y., Webb, C., Hamilton, N., Funk, R. (2004). The cannabis youth treatment (CYT) study: Main findings from two randomized trials. *Journal of Substance Abuse Treatment, 27*, 97- 213.






## What Works in Therapy: An Example

- 600 Adolescents marijuana users:
  - Between the ages of 12-15;
  - Rated as or more severe than adolescents seen in routine clinical practice settings;
  - Significant co-morbidity (3 to 12 problems [83%], alcohol [37%]; internalizing [25%], externalizing [61%]).
- Participants randomized into one of two arms (dose, type) and one of three types of treatment in each arm:
  - Dose arm: MET+CBT (5 wks), MET+CBT (12 wks), Family Support Network (12 wks)+MET+CBT;
  - Type arm: MET/CBT (5 wks), ACRT (12 weeks), MDFT (12 wks).



## What Works in Therapy: An Example

### Cannabis Youth Treatment Project




- Treatment approach accounted for little more than 0% of the variance in outcome.
- By contrast, ratings of the alliance predicted:
  - Premature drop-out;
  - Substance abuse and dependency symptoms post-treatment, and cannabis use at 3 and 6 month follow-up.


 Tetzlaff, B., Hahn, J., Godley, S., Godley, M., Diamond, G., & Funk, R. (2005). Working alliance, treatment satisfaction, and post-treatment patterns of use among adolescent substance users. *Psychology of Addictive Behaviors*, 19(2), 199-207.  
 Shelef, K., Diamond, G., Diamond, G., Liddle, H. (2005). Adolescent and parent alliance and treatment outcome in MDFT. *Journal of Consulting and Clinical Psychology*, 73(4), 689-698.


## What Works in Therapy: Pop Quiz

Question #4:


Research shows that some treatment approaches are *more effective* than others

**FALSE**


*All* approaches work equally well with some of the people some of the time.



## What Works in Therapy: An Example



- No difference in outcome between different types of treatment or different amounts of competing therapeutic approaches.



Godley, S.H., Jones, N., Funk, R., Ives, M Passetti, L. (2004). Comparing Outcomes of Best-Practice and Research-Based Outpatient Treatment Protocols for Adolescents. *Journal of Psychoactive Drugs*. 36(1), 35-48.

# What Works in Therapy: Do Treatments vary in Efficacy?



- The research says, “NO!”
- The lack of difference cannot be attributed to:
  - Research design;
  - Time of measurement;
  - Year of publication;
- The differences which have been found:
  - Do not exceed what would be expected by chance;
  - At most account for 1% of the variance.



Rosenzweig, S. (1936). Some implicit common factors in diverse methods in psychotherapy. *Journal of Orthopsychiatry*, 6, 412-15.

Wampold, B.E. et al. (1997). A meta-analysis of outcome studies comparing bona fide psychotherapies: Empirically, “All must have prizes.” *Psychological Bulletin*, 122(3), 203-215.

# What Works in Therapy: Do Treatments vary in Efficacy?

*Psychotherapy Research*, January 2008, 18(1), 5-14

**Direct comparisons of treatment modalities for youth disorders: a meta-analysis**

SCOTT MILLER<sup>1</sup>, BRUCE WAMPOLD<sup>2</sup>, & KATELYN VARHELY<sup>3</sup>

<sup>1</sup>Institute for the Study of Therapeutic Change, <sup>2</sup>University of Wisconsin—Madison and <sup>3</sup>Journal 7, November 2006, revised 21 May 2007, accepted 21 May 2007

**Abstract**  
A meta-analysis was conducted to determine whether differences in efficacy exist among youth. Included were all studies published between 1980 and 2005 involving participant diagnoses of depression, anxiety, conduct disorder, and attention-deficit/hyperactivity comparisons among two or more treatment methods intended to be therapeutic. Effects

- Meta-analysis of all studies published between 1980-2006 comparing bona fide treatments for children with ADHD, conduct disorder, anxiety, or depression:

- No difference in outcome between approaches intended to be therapeutic;
- Researcher allegiance accounted for 100% of variance in effects.

Miller, S.D., Wampold, B.E., & Varhely, K. (2008). Direct comparisons of treatment modalities for youth disorders: A meta-analysis. *Psychotherapy Research*, 18(1), 5-14

# What Works in Therapy: Do Treatments vary in Efficacy?



- Meta-analysis of all studies published between 1960-2007 comparing bona fide treatments for alcohol abuse and dependence:
  - *No difference in outcome between approaches intended to be therapeutic;*
  - *Approaches varied from CBT, 12 steps, Relapse prevention, & PDT.*
  - *Researcher allegiance accounted for 100% of variance in effects.*

Imel, Z., Wampold, B.E., Miller, S.& Fleming, R., (in press). Distinctions without a difference. *Psychology of Addictive Behaviors*.

# What Works in Therapy: Do Treatments vary in Efficacy?




- Meta-analysis of all studies published between 1989-Present comparing bona fide treatments for PTSD:
  - *Approaches included desensitization, hypnotherapy, PD, TTP, EMDR, Stress Inoculation, Exposure, Cognitive, CBT, Present Centered, Prolonged exposure, TFT, Imaginal exposure.*
  - *Unlike earlier studies, controlled for inflated Type 1 error by not categorizing treatments thus eliminating numerous pairwise comparisons;*

Bemish, S., Imel, Z., & Wampold, B. (in press). The relative efficacy of bona fide psychotherapies for treating posttraumatic stress disorder: A meta-analysis of direct comparisons. *Clinical Psychology Review*.



# What Works in Therapy: Do Treatments vary in Efficacy?



- The results:
  - *No difference in outcome between approaches intended to be therapeutic on both direct and indirect measures;*
  - *$D = .00$  (Upper bound  $E.S = .13$ )*
  - *$NNT = 14$ ;*

*(14 people would need to be treated with the superior Tx in order to have 1 more success as compared to the "less" effective Tx).*

Bemish, S., Imel, Z., & Wampold, B. (in press). The relative efficacy of bona fide psychotherapies for treating posttraumatic stress disorder: A meta-analysis of direct comparisons. *Clinical Psychology Review*.

# What Works in Therapy: Pop Quiz


Question #5:

Consumer ratings of the alliance are better predictors of retention and outcome than clinician ratings.

~~Remember the Alamo!~~


Remember  
Project MATCH


Talkingcure.com




## What Works in Therapy: Project MATCH and the Alliance

- The largest study ever conducted on the treatment of problem drinking:
  - Three different treatment approaches studied (CBT, 12-step, and Motivational Interviewing).
- NO difference in outcome between approaches.
- The client's rating of the therapeutic alliance the best predictor of:
  - Treatment participation;
  - Drinking behavior during treatment;
  - Drinking at 12-month follow-up.



 Project MATCH Group (1997). Matching alcoholism treatment to client heterogeneity. *Journal of Studies on Alcohol*, 58, 7-29.  
 Babor, T.F., & Del Boca, F.K. (eds.) (2003). *Treatment matching in Alcoholism*. Cambridge University Press: Cambridge, UK.  
 Connors, G.J., & Carroll, K.M. (1997). The therapeutic alliance and its relationship to alcoholism treatment participation and outcome. *Journal of Consulting and Clinical Psychology*, 65(4), 588-98.




## What Works in Therapy: Pop Quiz

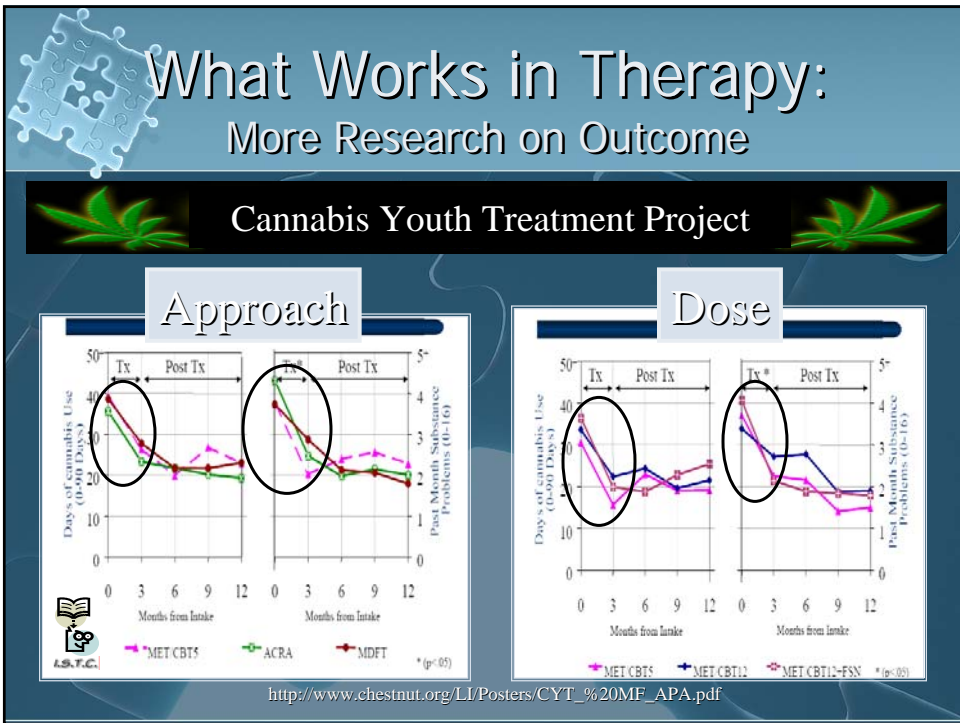
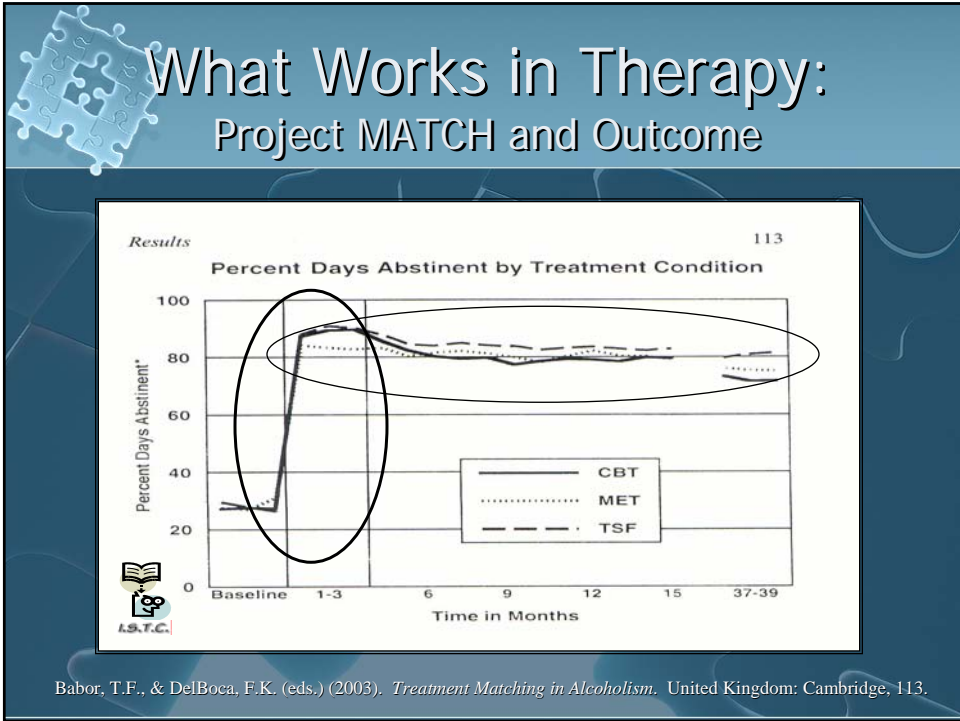
**True**

**Question #6:**

The bulk of change in successful treatment occurs earlier rather than later.

If a particular approach, delivered in a given setting, by a specific provider is going to work, there should be measurable improvement in the first six weeks of care.






# What Works in Therapy: Pop Quiz

**Last Question!**

The best way to insure effective, efficient, ethical and accountable treatment practice is for the field to adopt and enforce:


- Evidence-based practice;
- Quality assurance;
- External management;
- Continuing education requirements;
- Legal protection of trade and terminology.

**False**



# What Works in Therapy: A Tale of Two Solutions...

**The Medical Model:**




- Diagnosis-driven, “illness model”
- Prescriptive Treatments
- Emphasis on “need and competency”
- “Clinical Incompetence”

**HOW?**

**Practice-based Evidence**

- Client-directed (Fit)
- Outcome-informed (Effect)
- Emphasis on benefit over need
- Restore real-life functioning







# What Works in Therapy: Integrating Formal Client Feedback into Care

•Cases in which therapists “opted out” of assessing the alliance at the end of a session:

- Two times more likely for the client to drop out;
- Three to four times more likely to have a negative or null outcome.

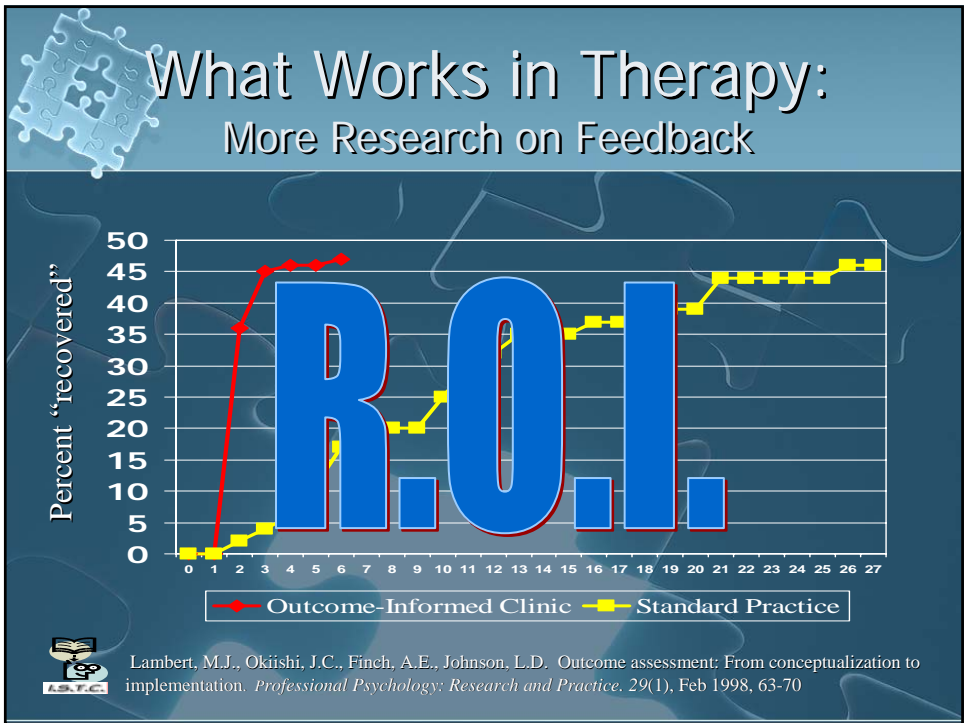
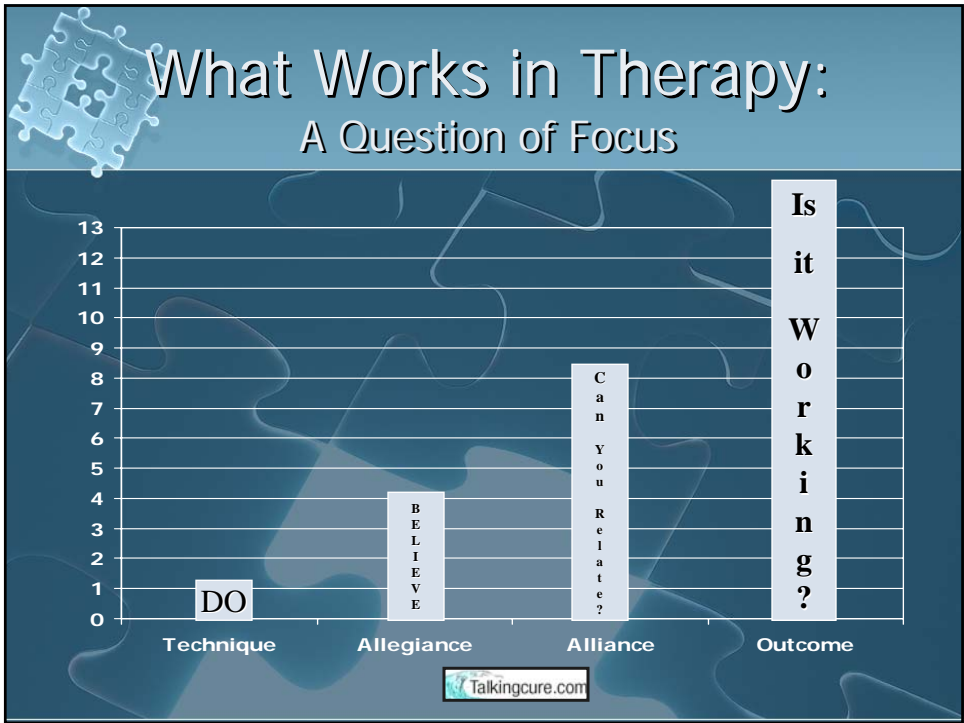
Miller, S.D., Duncan, B.L., Sorrell, R., & Brown, G.S. (February, 2005). The Partners for Change Outcome Management System. *Journal of Clinical Psychology*, 61(2), 199-208.

# What Works in Therapy: Integrating Formal Client Feedback into Care

Figure 3. Improvement in effect size following feedback

Quarter	Year	n
2nd quarter	2002	529
3rd quarter	2002	722
4th quarter	2002	723
1st quarter	2003	845
2nd quarter	2003	882
3rd quarter	2003	11020
4th quarter	2003	945
1st quarter	2004	865

Miller, S.D., Duncan, B.L., Sorrell, R., Brown, G.S., & Chalk, M.B. (2006). Using outcome to inform therapy practice. *Journal of Brief Therapy*, 5(1), 5-22.



## Shifting from Process to Outcome: Everyone Wins

Consumers:	Clinicians:	Payers:
Individualized care	Professional autonomy	Accountability
Needs met in the most effective and efficient manner possible (value-based purchasing)	Ability to tailor treatment to the individual client(s) and local norms	Efficient use of resources
Ability to make an informed choice regarding treatment providers	Elimination of invasive authorization and oversight procedures	Better relationships with providers and decreased management costs
A continuum of possibilities for meeting care needs	Paperwork and standards that facilitate rather than impede clinical work	Documented return on investment


## What Works in Therapy: The Triumph of Outcome over Process



Are you willing?

*“Ja, vi elsker dette landet,  
Som det stiger frem...”*





# What Works in Therapy: So, why not?

Takes too much time

Management will use the results against therapists


The “latest” “bureaucratic” gimmick


Nice theory, doesn’t work in the real world

This gets in the way of forming a good therapeutic relationship


How will more paperwork make me more efficient?

Clients will get bored or object







## Putting "What Works" to work in Therapy: Three Steps



1. Create a "Culture of feedback";
2. Integrate alliance and outcome feedback into clinical care;
3. Learn to "fail successfully."


## What Works in Therapy: Creating a "Culture of Feedback"

**Outcome Rating Scale (ORS)**

Name _____	Age (Yrs): _____
ID# _____	Sex: M / F _____
Session # _____	Date: _____

Looking back over the last week, including today, help us understand how you have been feeling by rating how well you have been doing in the following areas of your life, where marks to the left represent low levels and marks to the right indicate high levels.


- When scheduling a first appointment, provide a rationale for seeking client feedback regarding outcome.
  - Work a little differently;*
  - If we are going to be helpful should see signs sooner rather than later;*
  - If our work helps, can continue as long as you like;*
  - If our work is not helpful, we'll seek consultation (session 3 or 4), and consider a referral (within no later than 8 to 10 visits).*







# What Works in Therapy:

## Creating a "Culture of Feedback"



### Introducing the ORS:

### A Case Example

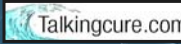
# What Works in Therapy:

## Measuring Outcome

- Give at the beginning of the visit;
- Client places a hash mark on the line.
- Each line 10 cm (100 mm) in length.

<p><b>Individually:</b> (Personal well-being)</p> <p>-----</p>
<p><b>Interpersonally:</b> (Family, close relationships)</p> <p>-----</p>
<p><b>Socially:</b> (Work, School, Friendships)</p> <p>-----</p>
<p><b>Overall:</b> (General sense of well-being)</p> <p>-----</p>

- Scored to the nearest millimeter.
- Add the four scales together for the total score.

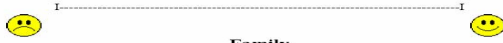


### Child Outcome Rating Scale (CORS)

Name \_\_\_\_\_ Age (Yrs): \_\_\_\_\_  
Sex: M / F \_\_\_\_\_  
Session # \_\_\_\_\_ Date: \_\_\_\_\_

How are you doing? How are things going in your life? Please make a mark on the scale to let us know. The closer to the smiley face, the better things are. The closer to the frowny face, things are not so good.

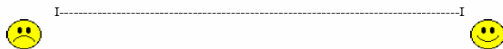
**Me**  
(How am I doing?)



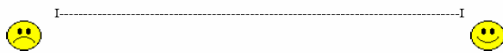
**Family**  
(How are things in my family?)



**School**  
(How am I doing at school?)



**Everything**  
(How is everything going?)



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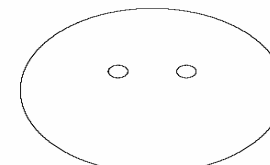
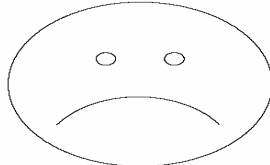
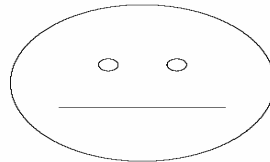
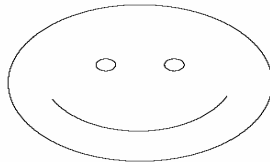
[www.talkingcure.com](http://www.talkingcure.com)



### Young Child Outcome Rating Scale (YCORS)

Name \_\_\_\_\_ Age (Yrs): \_\_\_\_\_  
Sex: M / F \_\_\_\_\_  
Session # \_\_\_\_\_ Date: \_\_\_\_\_

Choose one of the faces that show how things are going for you. Or, you can draw one below that is just right for you.



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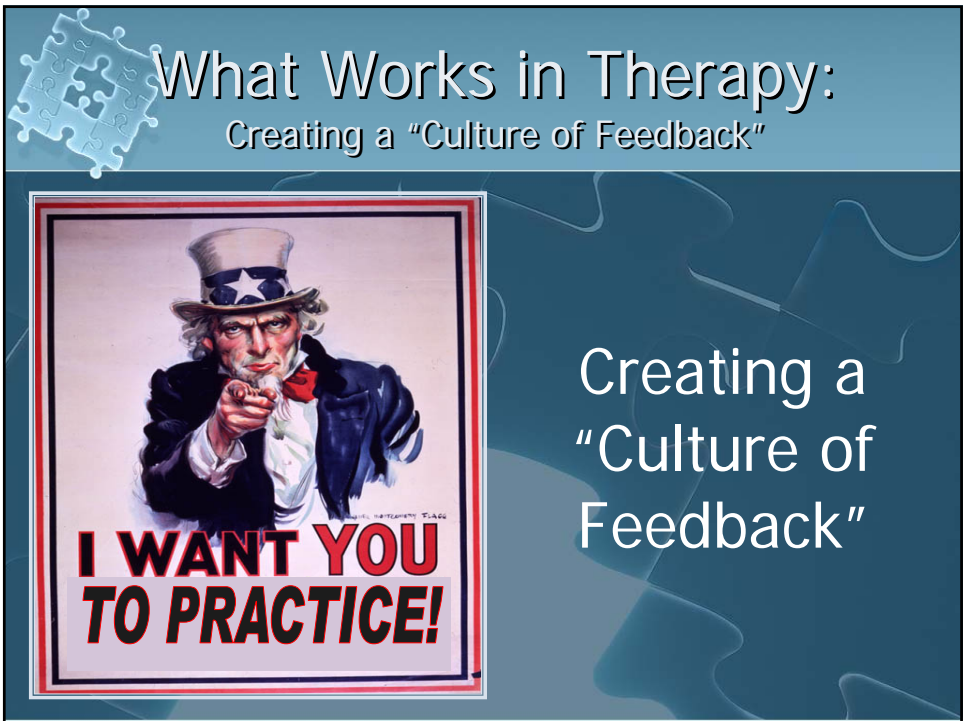
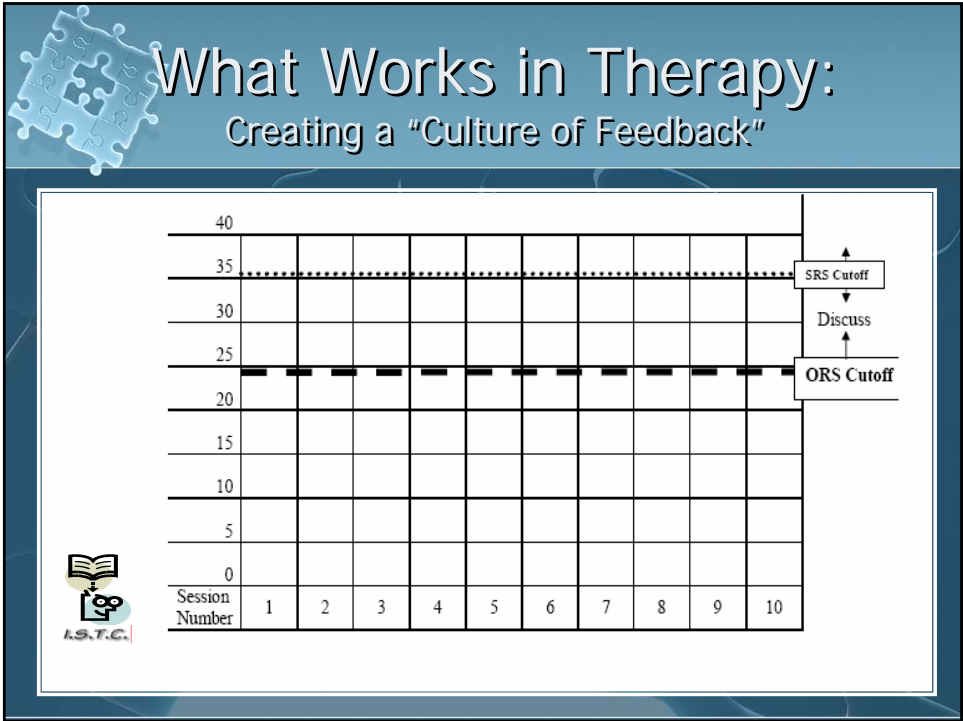
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# What Works in Therapy: Creating a "Culture of Feedback"

**Outcome Rating Scale (ORS)**


Name _____	Age (Yrs): _____
ID# _____	Sex: M / F _____
Session # _____	Date: _____

Looking back over the last week, including today, help us understand how you have been feeling by rating how well you have been doing in the following areas of your life, where marks to the left represent low levels and marks to the right indicate high levels.

- When scheduling a first appointment, provide a rationale for seeking client feedback regarding outcome.
  - Work a little differently;*
  - If we are going to be helpful should see signs sooner rather than later;*
  - If our work helps, can continue as long as you like;*
  - If our work is not helpful, we'll seek consultation (session 3 or 4), and consider a referral (within no later than 8 to 10 visits).*

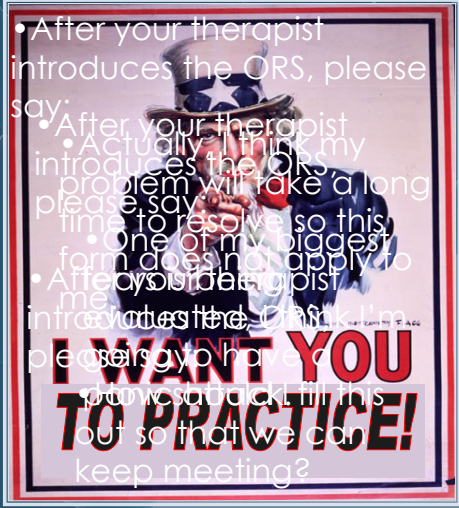


# What Works in Therapy: Creating a "Culture of Feedback"



## Creating a "Culture of Feedback"

## What Works in Therapy: Creating a "Culture of Feedback"



- After your therapist introduces the ORS, please say:
  - Actually, I think my problem will take a long time to resolve so this form does not apply to me.
  - One of my biggest fears is that I will not be able to do this.
  - After my therapist introduces the ORS, I am please to have you out so that we can keep meeting?


## What Works in Therapy Linking Treatment to Outcome

**Session Rating Scale (SRS V.3.0)**

Name _____	Age (Yrs): _____
ID# _____	Sex: M / F _____
Session # _____	Date: _____

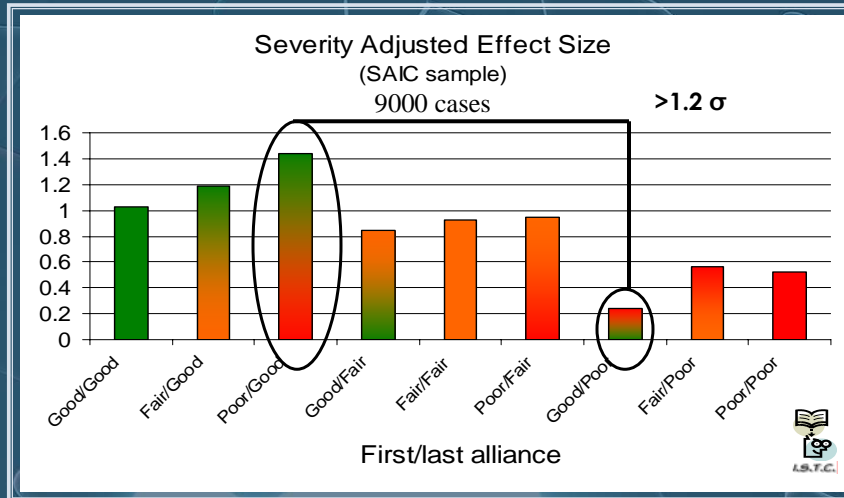
Please rate today's session by placing a hash mark on the line nearest to the description that best fits your experience.

- When scheduling a first appointment, provide a rationale for seeking client feedback regarding the alliance.
  - *Work a little differently;*
  - *Want to make sure that you are getting what you need;*
  - *Take the "temperature" at the end of each visit;*
  - *Feedback is critical to success.*
- Restate the rationale at the beginning of the first session and prior to administering the scale.



# What Works in Therapy:

## Integrating Formal Client Feedback into Care



# What Works in Therapy

## Linking Treatment to Outcome

### Session Rating Scale (SRS V.3.0)

Name \_\_\_\_\_ Age (Yrs): \_\_\_\_\_  
 ID# \_\_\_\_\_ Sex: M / F \_\_\_\_\_  
 Session # \_\_\_\_\_ Date: \_\_\_\_\_

Please rate today's session by placing a hash mark on the line nearest to the description that best fits your experience.

- Give at the end of session;
- Each line 10 cm in length;



**Relationship:**

I did not feel heard, understood, and respected \_\_\_\_\_ I felt heard, understood, and respected

**Goals and Topics:**

We did not work on or talk about what I wanted to work on and talk about \_\_\_\_\_ We worked on and talked about what I wanted to work on and talk about

**Approach or Method:**

The therapist's approach is not a good fit for me \_\_\_\_\_ The therapist's approach is a good fit for me

**Overall:**

There was something missing in the session today \_\_\_\_\_ Overall, today's session was right for me

- Score in cm to the nearest mm;
- Discuss with client anytime total score falls below 36



### Child Session Rating Scale (CSRS)

Name \_\_\_\_\_ Age (Yrs): \_\_\_\_\_  
Sex: M / F \_\_\_\_\_  
Session # \_\_\_\_\_ Date: \_\_\_\_\_

How was our time together today? Please put a mark on the lines below to let us know if how you feel.

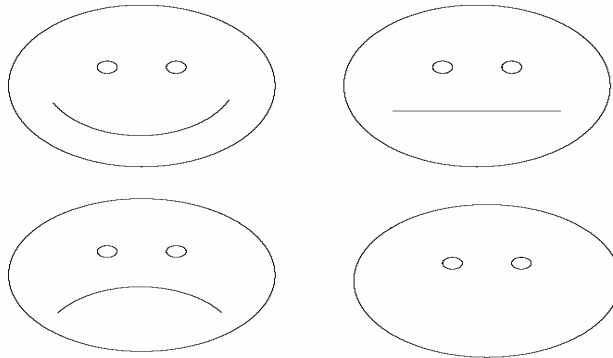
_____	I-----	<b>Listening</b>	I-----	_____
did not always listen to me.				listened to me.
_____	I-----	<b>How Important</b>	I-----	_____
What we did and talked about was not really that important to me.				What we did and talked about were important to me.
_____	I-----	<b>What We Did</b>	I-----	_____
I did not like what we did today.				I liked what we did today.
_____	I-----	<b>Overall</b>	I-----	_____
I wish we could do something different.				I hope we do the same kind of things next time.

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### Young Child Session Rating Scale (YCSRS)

Name \_\_\_\_\_ Age (Yrs): \_\_\_\_\_  
Sex: M / F \_\_\_\_\_  
Session # \_\_\_\_\_ Date: \_\_\_\_\_

Choose one of the faces that shows how it was for you to be here today. Or, you can draw one below that is just right for you.



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**What Works in Therapy**  
Linking Treatment to Outcome

**Session Rating Scale (SRS V.3.0)**


Name \_\_\_\_\_ Age (Yrs): \_\_\_\_\_  
 ID# \_\_\_\_\_ Sex: M / F \_\_\_\_\_  
 Session # \_\_\_\_\_ Date: \_\_\_\_\_

Please rate today's session by placing a hash mark on the line nearest to the description that best fits your experience.

- When scheduling a first appointment, provide a rationale for seeking client feedback regarding the alliance.
  - Work a little differently;
  - Want to make sure that you are getting what you need;
  - Take the “temperature” at the end of each visit;
  - Feedback is critical to success.
- Restate the rationale at the beginning of the first session and prior to administering the scale.

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**What Works in Therapy:**  
Creating a “Culture of Feedback”



Creating a “Culture of Feedback”

# What Works in Therapy: Creating a "Culture of Feedback"

- After your therapist explains the SRS to you, please ask:
  - *is this part of your job evaluation?*
- After your therapist explains the SRS to you, please say:
  - I WANT YOU TO PRACTICE!**
  - *But don't you know how I feel?*

# What Works in Therapy

Step Two:  
Integrating  
Feedback into  
Care

# What Works in Therapy: Integrating Outcome into Care

Who drops out?

- The dividing line between a clinical and “non-clinical” population (25; Adol. 28; kids 30)
- Facts:
  - Between 25-33% of clients score in the “non-clinical” range.
  - Clients scoring in the non-clinical range tend to get worse with treatment.
- The slope of change decreases as clients approach the cutoff.

# What Works in Therapy: Integrating Outcome into Care

Figure 3: Attrition Rates Stratified by Entry Status and Outcome

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- Fit the dose and intensity of treatment to the expected trajectory of change;
- The higher the dose and intensity;
- The higher the dose and intensity;
- It depends on the command; says;
- Let me look at my colleague's answer.

McIntyre, M., & Brown, G.S. (February, 2005). The Partners for Change Outcome Management System. *Journal of Clinical Psychology*, 61(2), 199-208.






# What Works in Therapy:

## Integrating Outcome into Care

- Because people scoring above the clinical cutoff tend to get *worse* with treatment:
  - *Explore why the client decided to enter therapy.*
  - *Use the referral source's rating as the outcome score.*
  - *Avoid exploratory or "depth-oriented" techniques.*
  - *Use strength-based or focus on circumscribed problems in a problem-solving manner.*



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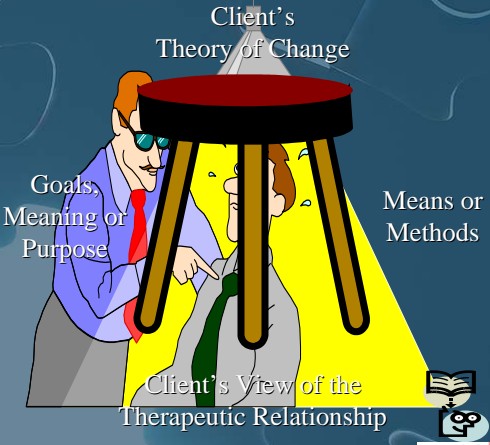


# Integrating Outcome into Care:

## A Clinical Example

# The Prisoner:

## A Clinical Example



Client's Theory of Change


Goals, Meaning or Purpose

Means or Methods

Client's View of the Therapeutic Relationship

LSTG

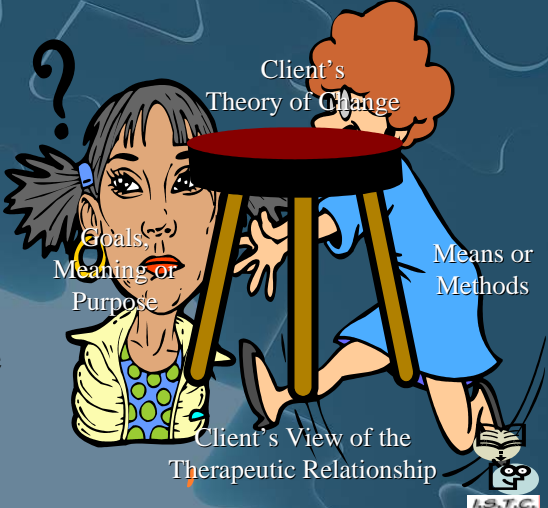
What Works in Therapy:  
Integrating Outcome into Care



**Managing Client Feedback:**  
Scores above the clinical cut off at Intake

Integrating Outcome into Care:  
A Clinical Example

**Teen People:**  
A Clinical Example



Client's Theory of Change

Goals, Meaning, or Purpose

Means or Methods

Client's View of the Therapeutic Relationship

LSTG

# What Works in Therapy:

Integrating Outcome into Care




Therapeutic Effectiveness

## Second session and beyond...

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# What Works in Therapy:

Integrating Outcome into Care



- What should the clinician do when the client's scores are better (or worse) than the previous session?
- It depends...*
  - On the magnitude of the change.
  - On when the change takes place.

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# What Works in Therapy: Integrating Outcome into Care

Number of sessions	Objective ratings at termination (%)	Subjective ratings during therapy (%)
2	20	40
8	40	55
26	75	65
52	80	68
104	90	82

**Figure 4.1. Relation of Number of Sessions of Psychotherapy and Percentage of Clients Improved**

Note: Objective ratings at termination are shown by the solid line; subjective ratings during therapy are shown by the broken line.

20-40% of clients improve within 1-3 visits  
35-65% improve within 1-7 visits  
A course of diminishing returns sets in as time in treatment lengthens

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- Do not change the dose or intensity when the slope of change is steep.
- Begin to space the visits as the rate of change lessens.
- See clients as long as there is meaningful change & they desire to continue.

# What Works in Therapy: Integrating Outcome into Care

Number of sessions	Objective ratings at termination (%)	Subjective ratings during therapy (%)
2	20	40
8	40	55
26	75	65
52	80	68
104	90	82

**Figure 4.1. Relation of Number of Sessions of Psychotherapy and Percentage of Clients Improved**

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20-40% of clients improve within 1-3 visits  
35-65% improve within 1-7 visits  
A course of diminishing returns sets in as time in treatment lengthens

Source: Howard, et al (1986). The dose effect response in psychotherapy. *American Psychologist*, 41(2), 159-164.

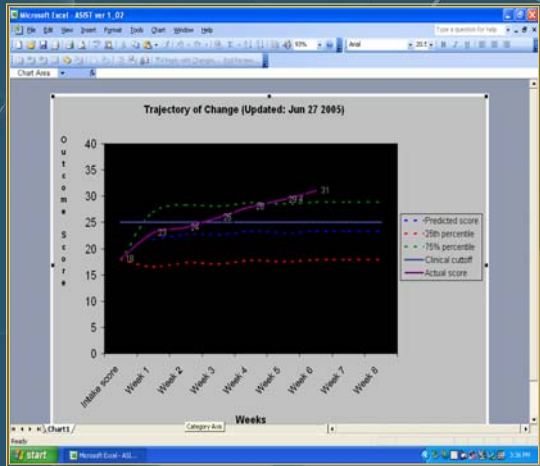


# What Works in Therapy: Integrating Outcome into Care

- The Reliable Change Index (RCI):
  - The average amount of change in scores needed in order to be attributable to treatment *regardless of the persons score on the ORS at intake.*
  - On the ORS, the RCI = 5 points.
  - The benefit is simplicity; the problem is:
    - The RCI underestimates the amount of change required to be considered reliable for people scoring lower at intake;*
    - The RCI overestimates the amount of change required to be considered reliable for people scoring higher at intake.*






# When is Change Reliable? Two Methods



- Algorithm-driven “trajectories of change”:
  - Uses linear regression to plot client-specific trajectories;*
  - Depicts the amount of change in scores needed to be attributable to treatment.*

# What Works in Therapy: Integrating Outcome into Care



**MyOutcomes**  
A user-friendly, Web-based tool for monitoring and improving outcomes for behavioral health treatment

**What is MyOutcomes?**

- An interactive Web-based application that administers the Partners for Change Outcome Management System (PCOMS)
- Monitors and improves treatment effectiveness by providing information on treatment outcomes and the therapeutic alliance
- Provides the precision and reliability of an automated outcomes management system without extensive work, expense, or user burden

**Features of MyOutcomes**

- Identifies in real time clients who are at risk for negative or null outcomes
- Provides empirically based suggestions to increase the likelihood of success
- Aggregates data into reports on provider, program, and agency effectiveness for supervisory, administrative, and payment purposes


**Benefits of MyOutcomes**


- Proven valid and reliable in peer-reviewed studies
- 2-minute length boosts compliance and allows easy integration into treatment
- Has been shown to double treatment effect size

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[www.talkingcure.com/training.asp?id=108](http://www.talkingcure.com/training.asp?id=108)

# What Works in Therapy: Integrating Outcome into Care





**MyOutcomes**

User Signed in: JHG

0052

Looking back over the last week, including today, help us understand how you have been feeling by rating how well you have been doing in the following areas of your life, where marks to the left represent low levels and marks to the right indicate high levels.

Your input is important. There is no such thing as "bad news" on these forms. Your therapist is eager for your feedback because it enables a better fit of the services to your preferences, and therefore improves your chance for success.


**Individually**  
(Personal well-being)

**Interpersonally**  
(Family, close relationships)

**Socially**  
(Work, school, friendships)

**Overall**  
(General sense of well-being)

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# What Works in Therapy: Integrating Outcome into Care

The screenshot shows a software interface for a therapy program. At the top, it says "User Signed In: Provider1" and "0056". There is a "Password:" field on the left. The main content area has a "Results:" section with a red hand icon, stating: "You report that things are getting worse. There is strong reason for concern. You are also reporting concerns about the provider and/or the service." Below this is an "Activity:" section: "Strongly consider changing the frequency, type, or provider of services. Talk about what your provider can do to improve the items marked with a red hand." Further down, it lists scores: "Individually: 2 out of 10", "Interpersonally: 2 out of 10", "Socially: 2 out of 10", "Overall: 1.1 out of 10", and "Total Score: 7.1".

The "Outcome Rating Scale" graph shows the "Outcome Score" on the y-axis (0 to 40) and "Session Number" on the x-axis (0 to 9). The "Actual Score" is plotted as a blue line with data points: (1, 13.2), (2, 16), (3, 15), (4, 18), (5, 14), (6, 7.1). A horizontal red dashed line represents the "Clinical Cutoff" at approximately 24. A horizontal green dashed line represents the "75th percentile" at approximately 20. A horizontal blue dashed line represents the "25th percentile" at approximately 16. A horizontal black dashed line represents the "Practice Score" at approximately 12. A legend at the bottom left identifies these lines: "Initial Score" (black dot), "Practice Score" (black dashed line), "25th Percentile" (blue dashed line), "75th percentile" (green dashed line), "Clinical Cutoff" (red dashed line), and "Actual Score" (blue line).

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# What Works in Therapy: Integrating Outcome into Care

- In 1906, 85 year old British Scientist Sir Francis Galton attends a nearby county judging competition:
- Happens on a weight judging competition:
- People paid a small fee to enter a guess.
- Discovers that the average of all guesses was significantly closer than the winning guess!

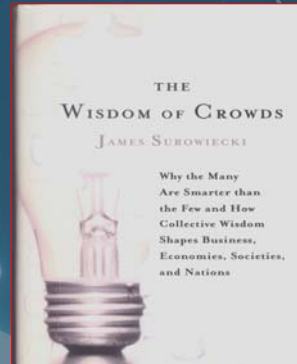
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# What Works in Therapy:

## Integrating Outcome into Care

“Therapists typically are not cognizant of the trajectory of change of patients seen by therapists in general...that is to say, they have no way of comparing their treatment outcomes with those obtained by other therapists.”



Wampold, B., & Brown, J. (2006). Estimating variability in outcomes attributable to therapists: A naturalistic study of outcomes in managed care. *Journal of Consulting and Clinical Psychology, 73* (5), 914-923.



# What Works in Therapy:

## Integrating Outcome into Care



**What Works in Therapy:**  
Integrating Outcome into Care

**Let it Be...**  
A Case Example

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**What Works in Therapy:**  
Integrating Outcome into Care

Service Presentation Format:

1. Name(s):
2. Age(s): 38, 9
3. Gender(s): Female, Male
4. Ethnicity: Hispanic
5. Relationship status: Widowed
6. Employment status: Laborer, 3<sup>rd</sup> grade
7. Referral source: Child protective service
8. Service start date: November (5 months ago)
9. Current level of care: Outpatient
10. Reason for seeking care: 9 year old son reported being hit

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# What Works in Therapy: Integrating Outcome into Care

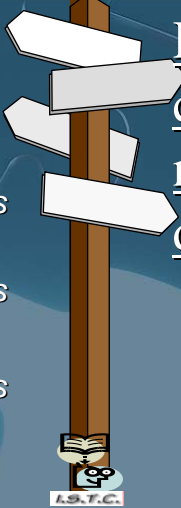
The screenshot displays two windows. The left window, titled "Microsoft Excel - Scotts ASIST ver 2.0g Improved advisor", shows a line graph titled "Trajectory of Change for Client I (Updated: Tuesday, May 9, 2008)". The y-axis is labeled "Outcome Score" and ranges from 0 to 40. The x-axis shows "Baseline score", "Week 1", "Week 2", "Week 3", and "Week 4". Five data series are plotted, each starting at a baseline score of approximately 17. The series show varying trends: one increases to ~28, another to ~23, one stays flat at ~17, one drops to ~14, and one drops to ~15. The right window, titled "ORS Advisor", shows a "Text Message" editor for "TextID 18". The message text reads: "Client scores are unchanged since the prior visit. For clients who begin in the severe range, 75% are scoring higher by this point. The client is at risk for a negative or null outcome or drop out from treatment. Be sure that the focus, type, and amount of treatment meets with client approval. Consult with a supervisor or colleague. Consider holding a team meeting at which the client, therapist and team jointly consider changing the the focus, type, or amount of treatment." Below the text are radio buttons for "Red", "Yellow", "Green", and "White", with "Yellow" selected. There are also "Preserve", "Change", and "RESTORE" buttons, and an "Add New Message" button.

# What Works in Therapy: Integrating Outcome into Care

The image is a composite graphic. On the left is a framed version of the iconic World War I poster featuring Uncle Sam pointing directly at the viewer, with the text "I WANT YOU TO DECIDE!" in large, bold, red and black letters. To the right of the poster, the text "Stay or alter course?" is written in a large, white, serif font against a dark blue background with faint puzzle-piece patterns.

# What Works in Therapy:

## Integrating Outcome into Care




• Outcome of treatment varies depending on:

- The unique qualities of the client;
- The unique qualities of the therapist;
- The unique qualities of the context in which the service is offered.

Directions for change when you need to change directions:

- What: 1%
- Where: 2-3%
- Who: 8-9%



# What Works in Therapy:

## Integrating Outcome into Care



1. What does the person want?
2. Why now?
3. How will the person get there?
4. Where will the person do this?
5. When will this happen?

Client's Theory of Change


Goals, Meaning or Purpose

Means or Methods

Client's View of the Therapeutic Relationship

Miller, S.D., Mee-Lee, D., & Plum, W. (2005). Making treatment count. *Psychotherapy in Australia*, 10(4), 42-56.





# What Works in Therapy:

## Integrating Outcome into Care



### Collaborative Teaming & Feedback

**When?**

- *At intake;*
- *“Stuck cases” day;*

**How?**

- *Client and/or Therapist peers observe “live” session;*
- *Each reflects individual understanding of the alliance sought by the client.*
- *Client feedback about reflections used to shape or reshape service delivery plan.*

# What Works in Therapy:

## Integrating Outcome into Care

**Relationship:**

I did not feel heard, understood, and respected |-----| I felt heard, understood, and respected

**Goals and Topics:**

We did not work on or talk about what I wanted to work on and talk about |-----| We worked on and talked about what I wanted to work on and talk about

**Approach or Method:**


The therapist's approach is not a good fit for me. |-----| The therapist's approach is a good fit for me.

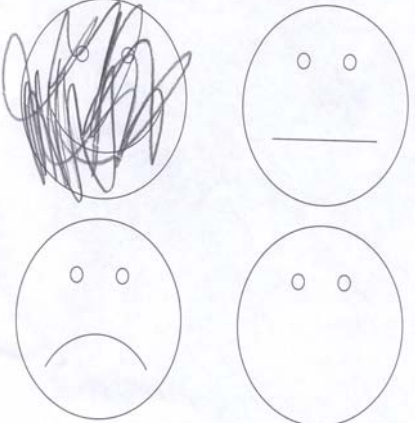
**Overall:**

There was something missing in the session today |-----| Overall, today's session was right for me

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GRACIAS





**What Works in Therapy:**  
Integrating Outcome into Care




**“I’ve fallen in love...with the needle”**  
A Case Example



**What Works in Therapy:**  
Integrating Outcome into Care

Service Presentation Format:

1. Name:	Gina
2. Age:	28
3. Gender:	Female
4. Ethnicity:	Native American
5. Relationship status:	Single mother
6. Employment status:	Unemployed
7. Referral source:	Courts, prior treatment (3X)
8. Service start date:	1 week ago
9. Current level of care:	Residential
10. Reason for seeking care:	Polysubstance dependence



# What Works in Therapy: Integrating Outcome into Care



The screenshot displays the ORS Advisor interface. On the left, a line graph titled "Trajectory of Change (Updated: Tuesday)" plots "Outcome Score" (0-40) against "Week" (Initial score, Week 1, Week 2). Three lines represent different data series: a green line starting at 2 and rising to 20, a blue line starting at 2 and rising to 15, and a red line starting at 2 and rising to 10. On the right, the "Text Message" window for TextID 3 is active, showing a yellow background. The message reads: "Client is scoring in the severe range of distress. Normative data indicate that fewer than 10% of people score in this range at their initial session. Research predicts rapid improvement in the first handful of sessions. Such rapid improvement, however, increases the likelihood of dropping out of treatment before the maximum results have been achieved. Rule out recent crisis, trauma, and suicide risk."

# What Works in Therapy: Integrating Outcome into Care

The screenshot displays the ORS Advisor interface. On the left, the same line graph as above is shown, but with a callout box labeled "Plot Area" pointing to the green line at the "Week 1" mark, with a value of "4.5" indicated. On the right, the "Text Message" window for TextID 4 is active, showing a yellow background. The message reads: "Clients scores are somewhat better. However, progress is somewhat slower than expected. By this point in care, 75% of people who began treatment in the severe range of distress are scoring higher. Be sure that the type and amount of treatment meets with their approval. Address any item on the SRS from the prior visit that is 2 or more points from 10."




**What Works in Therapy:**  
Integrating Outcome into Care

**Stay or  
alter  
course?**

**What Works in Therapy:**  
Integrating Outcome into Care



Relationship:	
I did not feel heard, understood, and respected	I felt heard, understood, and respected
Goals and Topics:	
We did not work on or talk about what I wanted to work on and talk about	We worked on and talked about what I wanted to work on and talk about
Approach or Method:	
The therapist's approach is not a good fit for me.	The therapist's approach is a good fit for me.
Overall:	
There was something missing in the session today	Overall, today's session was right for me

Thanks for your feedback ✕

All done here.

OK

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# What Works in Therapy

## Step Three: Learning to Fail Successfully

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# What Works in Therapy: Learning to "Fail Successfully"

- Drop out rates range from 20-80% with an average of 47%:
- Approximately half of people who drop out report a reliable change.
- Importantly, the data indicate that had they stayed a few more sessions:
  - *More change;*
  - *Change more durable.*

Lambert, M.J., Whipple, J., Hawkins, E., Vermeersch, D., Nielsen, S., & Smart, D. (2004). Is it time for clinicians routinely to track client outcome? A meta-analysis. *Clinical Psychology, 10*, 288-301.

Chasson, G. (2005). Attrition in child treatment. *Psychotherapy Bulletin, 40*(1), 4-7.

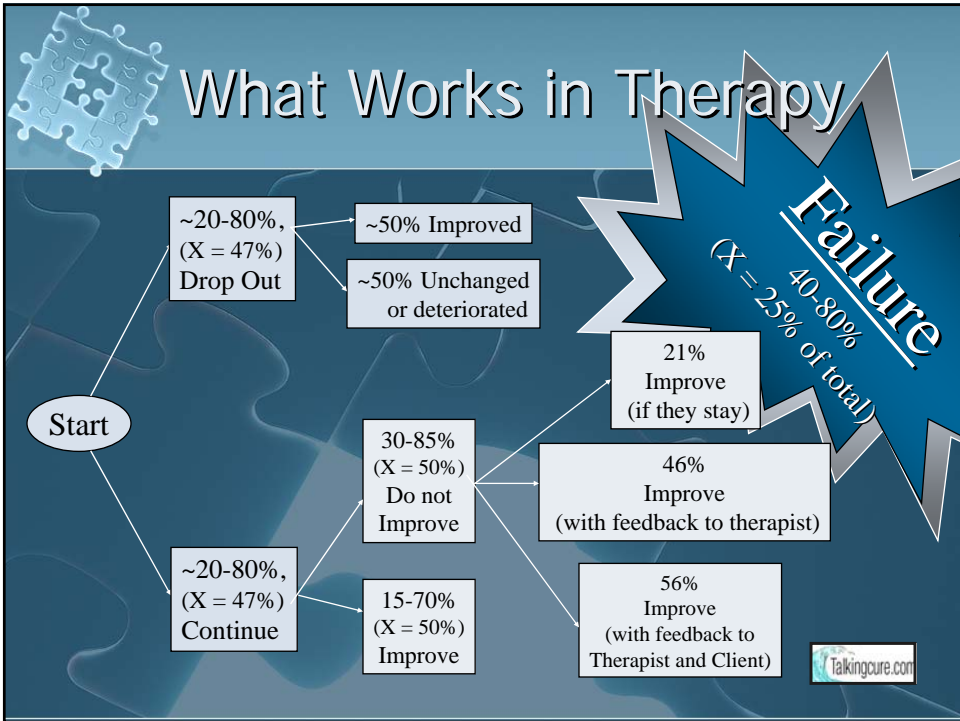
# What Works in Therapy: Learning to "Fail Successfully"




**YOU FAIL AT FAILING**  
No, that's not a double negative.

- Of those who stay in care:
  - Studies indicate between 15-70% achieve a reliable change in functioning.
  - Therapists are likely to fail with 30-85% of people treated.

Anker, M., Duncan, B., & Sparks, J. (Under submitted). Does client based feedback improve outcomes in couples therapy? *Journal of Consulting and Clinical Psychology*.  
 Hansen, N., Lambert, M.J., & Forman, E. (2002). The psychotherapy does-response effect and its implications for treatment service delivery. *Clinical Psychology*, 9(3), 329-343.



## The “Random Walk” in Psychotherapy




•In 2000, Burton Malkiel shows how a broad portfolio of stocks selected at random will match the performance of one carefully chosen by experts.

- Dividend yields: Pros 1.2%; Darts 2.3%, DJIA 3.1%.

•Similarly, research shows there is little or no correlation between a therapy with poor outcome and the likelihood of success in the next therapy.

Liang, B. (Liang, B. (1999). Price pressure: Evidence from the 'dartboard column.'" *Journal of Business*, 71(1).  
Liang, B. (1996). The 'dartboard column:" The pros, the darts, and the market. <http://ssrn.com/abstract=1068>.



## What Works in Therapy



Failing Successfully:  
A Clinical Example

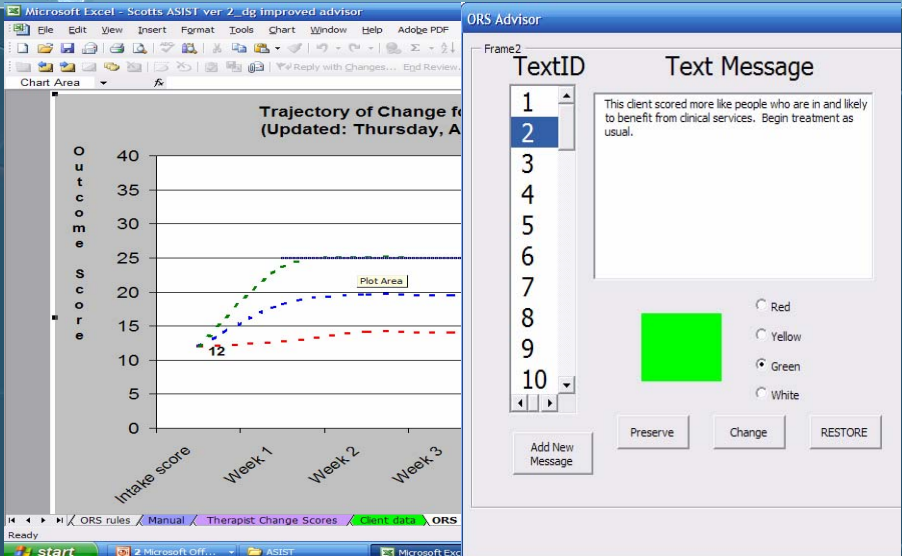
# What Works in Therapy: Integrating Outcome into Care

## Service Presentation Format:

1. Name: Rick
2. Age:
3. Gender: Male
4. Ethnicity: European
5. Relationship status: Married, 1 child
6. Employment status: Unemployed
7. Referral source:
8. Service start date:
9. Current level of care: Outpatient
10. Reason for seeking care:

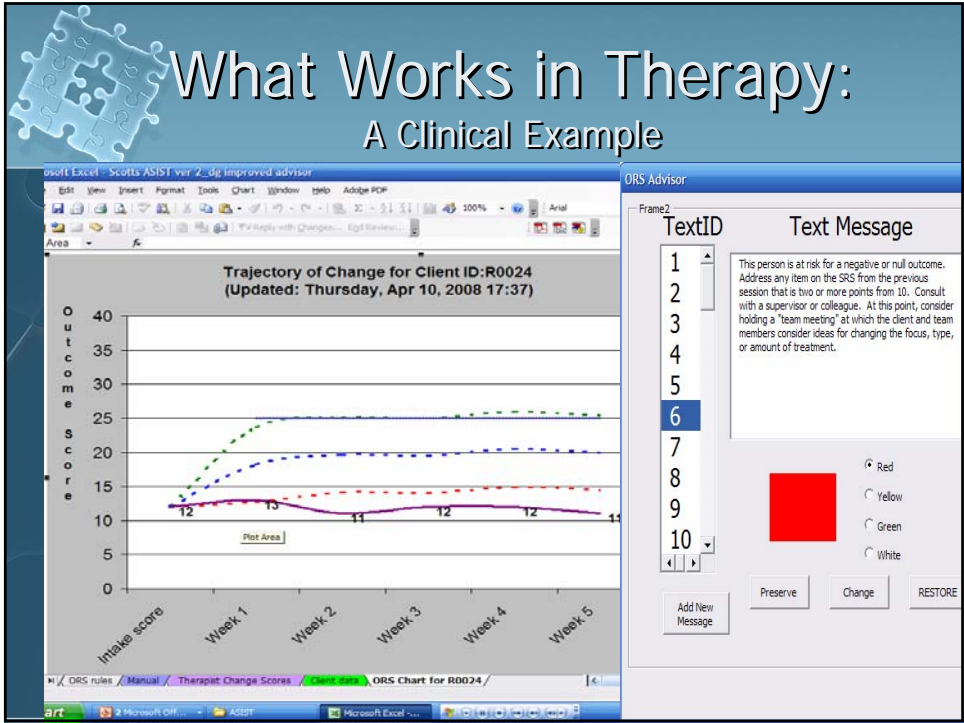


# What Works in Therapy: A Clinical Example



The screenshot displays two windows from the 'ORS Advisor' software. The left window, titled 'Trajectory of Change for (Updated: Thursday, A', shows a line graph with 'Outcome Score' on the y-axis (0 to 40) and time on the x-axis (Intake score, Week 1, Week 2, Week 3). A data point at the 'Intake score' is labeled '12'. Three lines represent different trajectories: a solid blue line that rises to a plateau of 25, a dashed green line that rises to a plateau of 20, and a dashed red line that rises to a plateau of 15. The right window, titled 'Text Message', shows a list of 'TextID' items (1-10) with item 2 selected. The message text reads: 'This client scored more like people who are in and likely to benefit from clinical services. Begin treatment as usual.' Below the text is a color selection area with a green square selected, and buttons for 'Preserve', 'Change', and 'RESTORE'.





# What Works in Therapy: A Clinical Example

**Relationship:**  
I did not feel heard, understood, and respected (0) — I felt heard, understood, and respected (10)

**Goals and Topics:**  
We did not work on or talk about what I wanted to work on and talk about (0) — We worked on and talked about what I wanted to work on and talk about (10)

**Approach or Method:**  
The therapist's approach is not a good fit for me. (0) — The therapist's approach is a good fit for me. (10)

**Overall:**  
There was something missing in the session today (0) — Overall, today's session was right for me (10)

- **What does this process score's score mean?**
- *When the usual amount of time it takes for change to occur has been exceeded.*

# What Works in Therapy: A Clinical Example

The screenshot displays a software interface with two main components:

**Trajectory of Change for Client ID: R0024 (Updated: Thursday, Apr 10, 2008 17:00)**

The graph plots Outcome Score (Y-axis, 0 to 40) against time (X-axis, Intake score, Week 1 to Week 6). Four data series are shown:

- Green dashed line:** Starts at ~12, rises to ~25 by Week 1, and remains stable.
- Blue dashed line:** Starts at ~12, rises to ~20 by Week 2, and remains stable.
- Red dashed line:** Starts at ~12, rises to ~15 by Week 2, and remains stable.
- Purple solid line:** Starts at ~12, dips to ~10 by Week 2, and remains stable.

**ORS Advisor - Frame2**

**TextID:** 1-10 (10 is selected)

**Text Message:** Client scores have not changed significantly since the outset of care. Strongly consider changing: (1) type; (2) amount; or (3) provider.

**Color Selection:** Red (selected), Yellow, Green, White

**Buttons:** Add New Message, Preserve, Change, RESTORE

# What Works in Therapy

**When...**


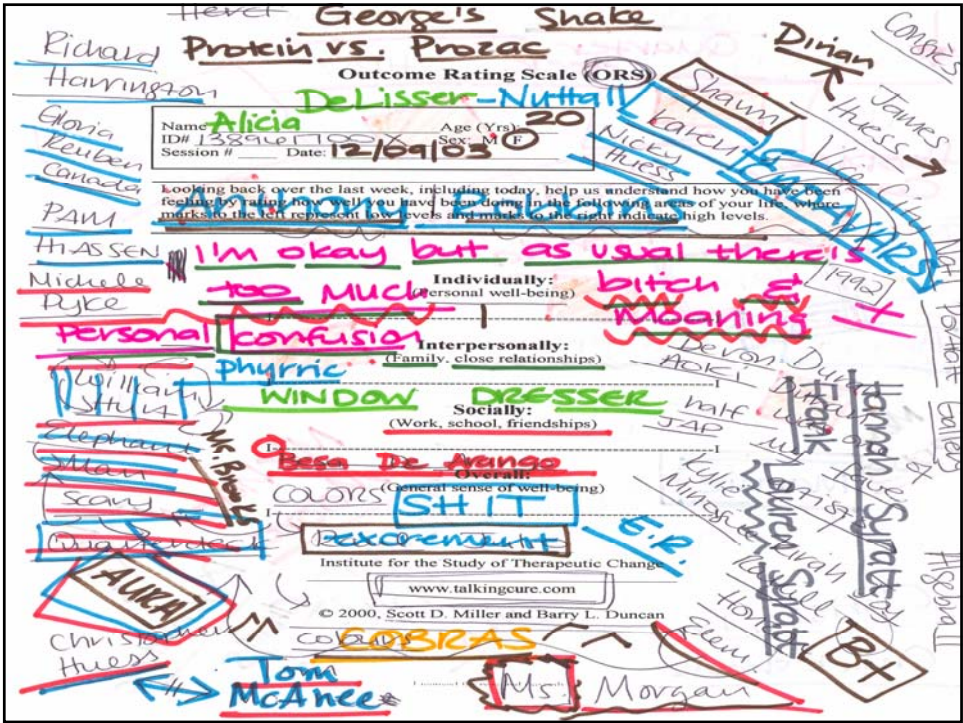
**YOU FAIL!**

## A Clinical Example

# What Works in Therapy: Integrating Outcome into Care

## Service Presentation Format:

1. Name: Alisha
2. Age: 20
3. Gender: Female
4. Ethnicity: Jamaican-American
5. Relationship status: Single, living at home
6. Employment status: Unemployed
7. Referral source: Parents
8. Service start date:
9. Current level of care: Outpatient
10. Reason for seeking care: Hallucinations

**George's Shake**  
**Richard Protein vs. Prozac**

**Outcome Rating Scale (ORS)**  
**DeLisser-Nutta II**

Name: **Alicia** Age (Yrs): **20**  
ID# **138961006** Sex: **M/F**  
Session # \_\_\_\_\_ Date: **12/09/05**

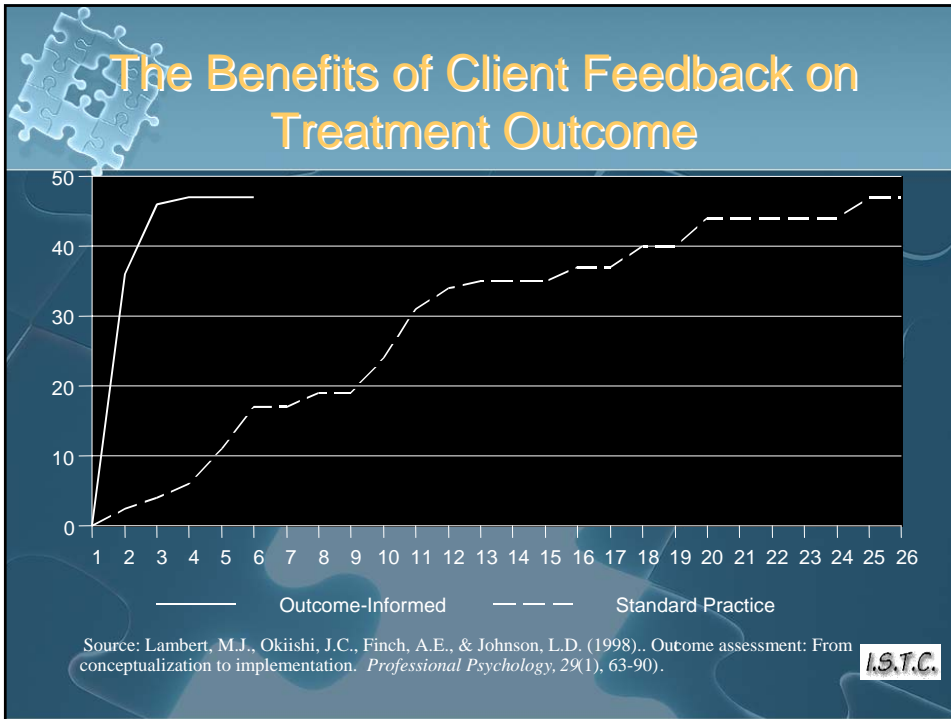
Looking back over the last week, including today, help us understand how you have been feeling by rating how well you have been doing in the following areas of your life. Where marks to the left represent low levels and marks to the right indicate high levels.

**Individually:** (Personal well-being)  
**Interpersonally:** (Family, close relationships)  
**Socially:** (Work, school, friendships)  
**Overall:** (General sense of well-being)

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## What Works in Therapy: Review

✓ Call for:

- ✓ Accountability;
- ✓ Measurable outcomes;
- ✓ Efficient use of resources;
- ✓ Documented "return on investment"

✓ The response:

- ✓ Practice-based practice;
- ✓ Training and supervision targeted to outcomes of individual therapists and programs;
- ✓ Continuous monitoring and real-time utilization of outcome data;
- ✓ Treatment planning and programs structured and informed by local norms and algorithms.
- ✓ Regulatory bodies use outcome data for value-based oversight and purchasing of treatment services.





# The Heart and Soul of Change

**That's all folks!**



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