

Time-Series Research in Clinical Work
Worksheet

Identifying, Defining, and Measuring Behavior

Target Person: _____

List at Behaviors of Interest	Is it an Excess? or Deficit?	

Operational Definition of _____ (pick one of the above behaviors)

Can a teddy bear do it? _____ If no, continue. If yes, rephrase.

Is it... Measurable? _____ Observable _____ Repeatable? _____ If yes, continue. If no, rephrase.

What will you measure? Frequency _____ Duration _____ Latency _____ Intensity _____ Inter-response Time? _____

How will you collect data?

Operational Definition of _____ (pick another of the above behaviors)

Can a teddy bear do it? _____ If no, continue. If yes, rephrase.

Is it... Measurable? _____ Observable _____ Repeatable? _____ If yes, continue. If no, rephrase.

What will you measure? Frequency _____ Duration _____ Latency _____ Intensity _____ Inter-response Time? _____

How will you collect data?

Choosing Research Design Options

Is a within series design possible (i.e., can you change the context multiple times and expect behavior to change)? _____ (see also the decision tree from Hayes, Barlow, & Nelson-Gray, 1999)

If so, which works best? Withdrawal, Changing Criterion, Parametric, Periodic treatment

Describe the procedures for this design – how will you know if you have an effect & control ?

Is a between series design possible? _____ (see also the decision tree from Hayes, Barlow, & Nelson Gray, 1999)

If so, which works best? alternating treatments, simultaneous treatment, multiple baseline

Describe the procedures for this design – how will you know if you have an effect & control?

Could you combine multiple elements to make the design even stronger?

Describe the procedures for this design – how will you know if you have an effect & control?

Could you use or plan to use meta-analytic strategies or provide data to collaborators that could do so?

Describe the procedures for doing so.