The Document Assessment and Review Tool (DART): A New Approach to Assessing Fidelity and Quality of Wraparound Care Coordination

Philip H. Benjamin, M.A., Research Study Supervisor
Lydia Andris, Evaluation Specialist
Eric J. Bruns, Ph.D., Professor

Wraparound Evaluation and Research Team (WERT), Depart. of Psychiatry & Behavioral Sciences, University of Washington
This webinar is hosted by the National Wraparound Implementation Center (NWIC), a partner in the National TA Network for Children’s Behavioral Health, operated by and coordinated through the University of Maryland.

This presentation was prepared for the Substance Abuse and Mental Health Services Administration (SAMHSA) under contract number HHSS280201500007C with SAMHSA, U.S. Department of Health and Human Services (HHS). The views, opinions, and content of this publication are those of the author and do not necessarily reflect the views, opinions, or policies of SAMHSA or HHS.
Agenda for the Webinar

- Brief review of “fidelity” in Wraparound
- The Wraparound Fidelity Assessment System (WFAS)
- Overview of the DART
  - Source materials
  - Structure
  - Sample Items
  - Procedures
- Becoming a DART reviewer
- How to license the DART
- Questions and Answers
Introduction

Before looking closely at the Document Assessment and Review Tool (DART) it is important to understand:

► What it means to assess “fidelity” in Wraparound

► The DART as one of many Wraparound Fidelity Assessment System (WFAS) tools
Fidelity Measurement

What is *fidelity*?

- Definition: The extent to which a treatment or intervention is delivered as intended, based on its theory of change

What does it mean for *Wraparound*?

- Adhere to the 10 *principles*
- Effectively implement the four *phases and activities*
- Stay true to the five *essential elements*
Principles of Wraparound

- Individualized
- Strengths-Based
- Natural Supports
- Collaboration
- Team-Based
- Culturally Competent
- Community-Based
- Unconditional Care

Family Voice & Choice
The Phases of Wraparound

Phase 1A: Initial Plan Development
Phase 1B: Engagement and Support
Phase 2: Team Preparation
Phase 3: Initial Plan Development
Phase 4: Implementation
Phase 4: Transition
Fidelity Measurement: WFAS tools

A multi-method approach to assessing the quality and context of individualized care planning and management for children and youth with complex needs and their families

- **Interview**: Wraparound Fidelity Index, v. 4
- **Survey**: short form, WFI-EZ
- **Observation**: Team Observation Measure, Version 2.0
- **Chart Review**: Document Assessment and Review Tool, v.2
- **Program & System Assessments**: Stakeholder Survey / Standards Assessment
DART

The DART provides a means for coding the presence or absence of indicators of wraparound practice adherence and quality as typically available from documentation:

- Referral paperwork
- Strengths, Needs & Culture discovery/family story
- CFT meeting notes/documentation/attendance
- Standardized assessments
- Progress Notes
- Documentation from Systems Partners
- Crisis/Safety plan
- Transition plans
- Any other paperwork that is unique to your system or providers that would include relevant information
Sections of the DART

**Section A:** Review Information

**Section B:** Case Information

**Section C:** Youth Information

**Section D:** Timely Engagement

**Section E:** Wraparound Key Elements*

**Section F:** Safety Planning

**Section G:** Crisis Response

**Section H:** Transition Planning and Reason

**Section I:** Outcomes

*Items in this section of the DART are organized by and map to Key Elements of Wraparound practice as supported by training, coaching, and technical assistance provided by the National Wraparound Implementation Center (NWIC). Effective teamwork is not included because these interactions are not readily assessable via documentation.*
Sections A-C

Wraparound Fidelity Assessment System
Wraparound Document Assessment and Review Tool (DART)
October 2019 Version

Section A: Review Information
A1. Review Date: ____________________________
A2. Agency/Provider ID: ______________________
A3. Reviewer ID: ______________________________
A4. Minutes spent reviewing record: __________

Section B: Youth Information
B1. Youth ID: ________________________________
B2. Youth’s Age at Enrollment: _____________
B3. Youth’s Gender: □ Male □ Female □ Transgender
B4. Is the youth of Hispanic origin? □ Yes □ No
B5. Youth’s Race:
□ American Indian or Alaska Native □ Multi-Racial (please specify):
□ Asian
□ African American □ Other (please specify):
□ Native Hawaiian or Pacific Islander
□ White
B6. At enrollment, which of the following issues was the youth experiencing? (check all that apply)
□ Depression □ Bipolar Disorder □ Anxiety
□ Autism/DD □ ADD/ADHD □ ODD
□ Substance use/abuse □ Suicidality/Self-harm □ Truancy
□ Criminal behavior □ Poor school performance
□ Child Welfare Involvement □ Interpersonal conflict with family/peers
□ Others: __________________________

Section B: Continued
B7. At enrollment, where was the youth living?
□ With two (birth, step, or adoptive) parents □ With one parent
□ With relatives □ In a foster home □ With friends
□ In residential care □ In detention □ Homeless
□ Hospitalized for psychiatric reasons
□ Other: ___________________________________

Section C: Basic Information
C1. Phases: □ Engagement □ Plan Development □ Implementation
□ Transition □ Exited/Closed
C2. Core Coordinator ID: ________________ C5. Enrollment Date: _____________
C3. Referral Date: ________________ C6. Exit/Close Date: ______________
C4. Referral Source: __________________________
C7. Was a Child and Family Team established that includes at a minimum a facilitator/care coordinator, a caregiver, and the child/youth? □ Yes □ No
C8. Was at least one Plan of Care developed for this youth? □ Yes □ No
C9. Has the Child and Family Team met at least two times? □ Yes □ No

If your answer to C7, C8, or C9 was “No”, you are done reviewing documentation for this youth. If your answers were “Yes” to all three questions, please proceed to Section D on the next page.
Minimum Criteria for DART Scoring

Complete a DART on youth whose records show clear evidence that:

1. A child and family team was established
2. Plan of care was developed
3. The team has met ≥ 2 times
## Attendance Grid

**Child and Family Team Meeting (CFTM) Attendance Grid**

Completing this table is recommended, but optional. Doing so, will make it easier to answer subsequent questions. Use the team meeting sign-in sheets, in addition to the Plans of Care, to determine dates of meetings and who was present at each meeting. After entering meeting date, enter the number of each type of attendee present. Enter “0” if there was no one in that role at the meeting but should have been (see scoring rules). Use N/A for role(s) that are not relevant/appropriate for this particular Child and Family Team and/or Wraparound Initiative.

<table>
<thead>
<tr>
<th>Team Members’ Relationship to Youth (please do not use names)</th>
<th>Dates of Child and Family Team Meetings (write in)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care Coordinator</td>
<td></td>
</tr>
<tr>
<td>Caregiver(s)</td>
<td></td>
</tr>
<tr>
<td>Youth, age:__________</td>
<td></td>
</tr>
<tr>
<td>Parent Peer Support</td>
<td>N/A</td>
</tr>
<tr>
<td>Youth Peer Support</td>
<td>N/A</td>
</tr>
<tr>
<td>Mental Health Provider</td>
<td></td>
</tr>
<tr>
<td>Educational Rep</td>
<td></td>
</tr>
<tr>
<td>Child Welfare Rep</td>
<td>N/A</td>
</tr>
<tr>
<td>Juvenile Justice Rep</td>
<td>N/A</td>
</tr>
<tr>
<td>Community Support</td>
<td></td>
</tr>
<tr>
<td>Natural Support</td>
<td></td>
</tr>
<tr>
<td>Other family who lives at home</td>
<td>N/A</td>
</tr>
<tr>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>

* NOTE: IF FEWER THAN TWO CFTMs HAVE OCCURRED AND/OR NO PLAN OF CARE HAS BEEN DEVELOPED, DO NOT COMPLETE THIS TOOL. JUST DO SECTIONS A-C.
Scored Fidelity Sections

Fidelity is assessed via 48 items organized by 6 subscales:

1. **Timely Engagement**  (7 items)
2. **Key Elements**  (25 items)
   - Meeting attendance
   - Driven by Strengths and Families
   - Based on Priority Needs
   - Use of Natural and Community Supports
   - Outcome-Based Process
3. **Safety Planning**  (3 items)
4. **Crisis Response**  (3 items)
5. **Transition Planning**  (3 items)
6. **Outcomes**  (7 items)
Assigning Scores

- Reviewers score whether or not each item of the tool was in evidence in the case file on a scale from 0-2, or Yes/No, -depending on the item in question
  - For some indicators “Not Applicable” or “Missing” are options
## Section D: Timely Engagement

### Wraparound Fidelity Assessment System

#### Wraparound Document Assessment and Review Tool (DART)

**October 2019 Version**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Event</th>
<th>Data Source</th>
<th>Date(s)</th>
<th>Standard</th>
<th>Performance (# of Days)</th>
<th>Met Standard?</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>First contact with the family following referral or care coordinator assignment (or to a care coordinator) (Ideally, the referral date is the day the provider was alerted to the family’s need for Wraparound; however, the provider may choose to use the day the family was first assigned to the care coordinator, depending on referral process, see manual)</td>
<td>Referral paperwork or Progress Notes</td>
<td>Within 3 days of: (circle one) referral OR care coordinator assignment</td>
<td></td>
<td>Y  N  Miss</td>
<td></td>
</tr>
<tr>
<td>D2</td>
<td>First face-to-face contact between care coordinator, youth, and family (if involved)</td>
<td>Progress Notes</td>
<td>Within 10 days of: (circle one) referral OR assignment</td>
<td></td>
<td>Y  N  Miss</td>
<td></td>
</tr>
<tr>
<td>D3</td>
<td>First Crisis/Risk Management/ Safety Plan completed</td>
<td>Crisis/Safety Plan</td>
<td>At first face-to-face meeting (D2)</td>
<td></td>
<td>Y  N  Miss</td>
<td></td>
</tr>
<tr>
<td>D4</td>
<td>First Family Story / Strengths, Needs, and Culture Discovery completed</td>
<td>Strengths, Needs, &amp; Culture Discovery / Family Story</td>
<td>Within 20 days of D2</td>
<td></td>
<td>Y  N  Miss</td>
<td></td>
</tr>
<tr>
<td>D5</td>
<td>First Child and Family Team Meeting (a meeting including caregivers, youth, and at least one formal or one informal support between more than just the Wraparound staff and youth/family)</td>
<td>Plan of care</td>
<td>Within 30 days of D2</td>
<td></td>
<td>Y  N  Miss</td>
<td></td>
</tr>
<tr>
<td>D6*</td>
<td>First plan of care completed</td>
<td>Plan of care</td>
<td>Within 35 days of D2</td>
<td></td>
<td>Y  N  Miss</td>
<td></td>
</tr>
<tr>
<td>D7*</td>
<td>Last three (or two if fewer than three have been held) Child and Family Team Meetings</td>
<td>Plan of care</td>
<td>No gap greater than 35 days between the last 2 or 3 CFTMs*</td>
<td>Largest gap between meetings:</td>
<td>Y  N  Miss</td>
<td></td>
</tr>
</tbody>
</table>
Section D: Timely Engagement (cont.)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Event</th>
<th>Data Source</th>
<th>Date(s)</th>
<th>Standard</th>
<th>Performance (# of Days)</th>
<th>Met Standard?</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>First contact with the family following referral or care coordinator assignment (or to a care coordinator)</td>
<td>Referral paperwork or Project Notes</td>
<td></td>
<td>Within 3 days of: referral or care coordinator assignment</td>
<td>Y N</td>
<td>Miss</td>
</tr>
<tr>
<td>D2</td>
<td>First face-to-face contact between care coordinator, youth, and family (if involved)</td>
<td>Project Notes</td>
<td></td>
<td>Within 10 days of: referral or care coordinator assignment</td>
<td>Y N</td>
<td>Miss</td>
</tr>
</tbody>
</table>
## Section E: Key Elements

<table>
<thead>
<tr>
<th>Item #</th>
<th>Item</th>
<th>Response</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>At least one caregiver or close family member attended every Child and Family Team Meeting</td>
<td>2 1 0</td>
<td>N/A if the youth is emancipated or the age of majority or older and has chosen not to have a caregiver involved in planning. Miss if no record of meeting attendance.</td>
</tr>
<tr>
<td>E2</td>
<td>The youth attended every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>N/A if the youth is 8 years or younger and/or is not developmentally able to participate. Miss if no record of meeting attendance.</td>
</tr>
<tr>
<td>E3</td>
<td>All key representatives from school, child welfare, and juvenile justice agencies who seem integral to the plan of care attended nearly every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>N/A if no system partners should be involved. Miss if no record of meeting attendance. Please note: school personnel should not be &quot;slanted&quot; for lack of attendance during the summer months.</td>
</tr>
<tr>
<td>E4</td>
<td>All other service providers who seem integral to the plan of care attended nearly every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>N/A if no other service providers are involved with the family. Miss if no record of meeting attendance.</td>
</tr>
<tr>
<td>E5</td>
<td>All peer partners (e.g., family advocates, family support partners, youth support partners, etc.) who are working with the youth and family attended nearly every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>N/A if the family is not working with any peer partners. Miss if no record of meeting attendance.</td>
</tr>
<tr>
<td>E6</td>
<td>At least one natural support (e.g., extended family, friends, and community supports) for the family attended every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>Miss if no record of meeting attendance.</td>
</tr>
</tbody>
</table>
**Section E: Key Elements (cont.)**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Item</th>
<th>Response</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>At least one caregiver or close family members attended every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>N/A if the youth is emancipated or the age of majority or older and has chosen not to have a caregiver involved in planning. Miss if no record of meeting attendance.</td>
</tr>
<tr>
<td>E2</td>
<td>The youth attended every Child and Family Team Meeting.</td>
<td>2 1 0</td>
<td>N/A if the youth is 8 years or younger and/or is not developmentally able to participate. Miss if no record of meeting attendance.</td>
</tr>
</tbody>
</table>
Section I: Outcomes

Wraparound Fidelity Assessment System

Wraparound Document Assessment and Review Tool

October 2019 Version

Scoring Code (see manual for full scoring rules):
2 or Y—Fully Met
1—Partially Met
0 or N—Not Met
N/A—Not Applicable for family being reviewed
Miss—Not able to determine due to missing documentation

Section I: Outcomes (N/A for families enrolled for fewer than six months.)

Data Sources: Progress Notes, plans of care, Documentation from System Partners
(Preferably, base scores on standardized instruments or data, such as CAMS, CAPPS, CBCL, school records, progress consistently measured by the team, etc.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Score</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 In the last six months, the youth’s living situation has been stable—S/he has not been removed from the home or changed placements. If there was a move, it was to a less restrictive setting.</td>
<td>Y N Miss</td>
<td></td>
</tr>
<tr>
<td>12 In the last six months, the youth has NOT visited the ER and/or been hospitalized for emotional or behavioral difficulties.</td>
<td>Y N Miss</td>
<td></td>
</tr>
<tr>
<td>13 In the last six months, the youth has experienced reduced mental health symptoms.</td>
<td>2 1 0 Miss</td>
<td></td>
</tr>
<tr>
<td>14 In the last six months, the youth has experienced improved interpersonal functioning.</td>
<td>2 1 0 N/A Miss</td>
<td></td>
</tr>
<tr>
<td>15 In the last six months, the youth has regularly (85%+) attended school and/or has been employed.</td>
<td>Y N N/A Miss</td>
<td></td>
</tr>
<tr>
<td>16 In the last six months, the youth has experienced improved school or vocational functioning.</td>
<td>2 1 0 N/A Miss</td>
<td></td>
</tr>
<tr>
<td>17 In the last six months, the youth has NOT been arrested or violated probation/parole.</td>
<td>Y N N/A Miss</td>
<td></td>
</tr>
</tbody>
</table>
## Section I: Outcomes (cont.)

**Section I: Outcomes** *(N/A for families enrolled for fewer than six months.)*

Data Source: Progress Notes, plans of care, Documentation from System Partners

(Preferably, base scores on standardized instruments or data, such as CANS, CAFAS, CBCL, school records, progress consistently measured by the team, etc.)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Item</th>
<th>Score</th>
<th>Comments</th>
<th>Data Sources (List the tool, data source, etc. that score is based on)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>In the last six months, the youth’s living situation has been stable—S/he has not been removed from the home or changed placements. If there was a move, it was to a less restrictive setting.</td>
<td>Y</td>
<td>N</td>
<td>Miss</td>
</tr>
<tr>
<td>12</td>
<td>In the last six months, the youth has NOT visited the ER and/or been hospitalized for emotional or behavioral difficulties.</td>
<td>Y</td>
<td>N</td>
<td>Miss</td>
</tr>
</tbody>
</table>

---

---

---
Example feedback from DART Report: Overall

- **Timely Engagement**: 73.0%
- **Meeting Attendance**: 54.8%
- **Total Fidelity**: 48.5%
- **Fidelity: Driven by Strengths & Families**: 45.7%
- **Fidelity: Natural and Community Support**: 35.7%
- **Fidelity: Needs Based**: 50.2%
- **Fidelity: Outcomes-Based**: 62.5%
- **Safety Planning**: 69.1%
- **Crisis Response**: 36.1%
- **Transition Planning**: 44.9%
## Sample DART Report: Key Elements

### Section E: Wraparound Model Key Elements

Data Source: Strengths, Needs, and Culture Discovery (or other initial assessment documentation)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Item</th>
<th>Average Score (out of 2)</th>
<th>%N/A</th>
<th>%Miss</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>At least one caregiver or close family member attended every Child and Family Team Meeting.</td>
<td>1.65</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td>The youth attended every Child and Family Team Meeting.</td>
<td>1.43</td>
<td>11.8%</td>
<td>5.9%</td>
<td>N/A if there are no family members on the team.</td>
</tr>
<tr>
<td>E3</td>
<td>All key representatives from school, child welfare, and juvenile justice agencies who seem integral to the Plan of Care attended nearly every Child and Family Team Meeting.</td>
<td>1.20</td>
<td>41.2%</td>
<td>0%</td>
<td>N/A if the team only consists of the facilitator, youth, and (possibly) family members.</td>
</tr>
<tr>
<td>E4</td>
<td>All other service providers who seem integral to the Plan of Care attended nearly every Child and Family Team Meeting.</td>
<td>1.00</td>
<td>23.5%</td>
<td></td>
<td>Miss if no strengths inventory present.</td>
</tr>
<tr>
<td>E5</td>
<td>All peer partners (e.g., family advocates, family support partners, youth support partners, etc.) who are working with the youth and family attended nearly every Child and Family Team Meeting.</td>
<td>0.91</td>
<td>35%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E6</td>
<td>At least one natural support (e.g., extended family, friends, and community supports) for the family attended every Child and Family Team Meeting.</td>
<td>0.40</td>
<td>11.8%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Sample DART Report: Outcomes

## Section I: Outcomes (N/A for families enrolled for fewer than 90 days.)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Item</th>
<th>% Yes</th>
<th>%No</th>
<th>%N/A</th>
<th>%Miss</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>I1</td>
<td>Since entering Wraparound, the youth’s living situation has been stable—she has not been removed from the home or changed placements. If there was a move, it was to a less restrictive setting.</td>
<td>41.2%</td>
<td>23.5%</td>
<td>35.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I2</td>
<td>Since entering Wraparound, the youth has NOT visited the ER and/or been hospitalized for emotional or behavioral difficulties.</td>
<td>41.2%</td>
<td>23.5%</td>
<td>5.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I3</td>
<td>Since entering Wraparound, the youth has regularly (85%+) attended school and/or has been employed.</td>
<td>35%</td>
<td>17.6%</td>
<td>47.1%</td>
<td></td>
<td>N/A if the youth is too young to be enrolled in school.</td>
</tr>
<tr>
<td>I4</td>
<td>Since entering Wraparound, the youth has NOT been arrested and/or violated probation.</td>
<td>52.9%</td>
<td>5.9%</td>
<td>11.8%</td>
<td>29.4%</td>
<td>N/A if criminal behavior was not an issue for the youth at entry.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item #</th>
<th>Item</th>
<th>Average Score (out of 2)</th>
<th>%N/A</th>
<th>%Miss</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>I3</td>
<td>Since entering Wraparound, the youth has experienced reduced mental health symptoms.</td>
<td>0.91</td>
<td>35.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I4</td>
<td>Since entering Wraparound, the youth has experienced improved interpersonal functioning.</td>
<td>1.01</td>
<td>35.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I6</td>
<td>Since entering Wraparound, the youth has experienced improved school or vocational functioning.</td>
<td>1.25</td>
<td>11.8%</td>
<td>41.2%</td>
<td>N/A if school functioning was not an issue for the youth at entry.</td>
</tr>
</tbody>
</table>
Qualifications for Use

IDEALLY, Reviewers should:

- Not be directly involved with the families whose records are being reviewed
- Not personally know, or at least supervise, the care coordinators whose records are being reviewed
- Have adequate knowledge of the local service delivery system, the Wraparound process, and the DART User Manual
- Have sufficient practice administering the DART
Current Training Protocol

1. Overview of the Wraparound process
   • including its principles, key elements, and four phases and activities

2. Overview of the DART
   • purpose and structure of the DART,
   • general DART administration procedures contained in the manual
   • individual DART items and scoring rules contained in the manual

3. Practice on a local case
   • Group practice document review of real (local) charts with an experienced reviewer, either from WERT or a local expert

4. Double scoring and reviewing cases
   • until reviewers are scoring cases similarly.

5. Periodic group and/or supervisor review
   • of randomly selected cases
Future Training Protocol
Will add a step between 2 & 3.

Future reviewers will be asked to score one, or two, gold standard sample cases, as needed.

- Must achieve 80% inter-rater reliability to pass and go on to the next step
- Able to compare answers to “gold standard” ratings (with justification included)
Time Commitment

- **During Training:** It may take several hours or even days to complete the initial few DARTs. As reviewers become more familiar with the tool, the manual, and the organization of the paperwork, it will take less time.

- **After Training:** It typically takes 60 minutes to review one youth record, when done in a focused and efficient manner.
Sampling Guidelines

- Necessary to administer the DART with a sample of records that is **representative** of the initiative or project overall.

- A **stratified random sample** of 20-30% of the families each care coordinator is working with is recommended.
  
  - Ex: If each care coordinator has a caseload of 10 families, 2-3 records per care coordinator should be randomly chosen for review.
  
  - The new WrapStat data management system, coming in Sept 2020 with a DART license, will help projects/initiatives easily identify whose records to sample.
For each round of DARTs we recommend that you double score (two different reviewers) a certain percent of them. That percent changes depending on how many cases you plan to score using the DART:

<table>
<thead>
<tr>
<th>Number of Cases Scoring</th>
<th>Recommended Percent of Cases to double score</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;30</td>
<td>20%</td>
</tr>
<tr>
<td>10-30</td>
<td>30%</td>
</tr>
<tr>
<td>&lt;10</td>
<td>50%</td>
</tr>
</tbody>
</table>

Double scoring will help ensure that interrater reliability is maintained. “Drift” (slow movement away scoring consistently) can occur over time. A slip in interrater reliability can be a sign that a training refresher is necessary for DART reviewers.
## Inter-Rater Reliability (Initial test)

### Intra-Class Correlations for Full DART and DART Subscales

<table>
<thead>
<tr>
<th>Ns</th>
<th>Rater Pair</th>
<th>Full DART</th>
<th>Timely Engagement</th>
<th>Key Elements</th>
<th>Safety Planning</th>
<th>Crisis Response</th>
<th>Transition Planning</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N = 5</td>
<td>R1 - R2</td>
<td>0.703</td>
<td>0.822</td>
<td>0.52</td>
<td>-0.216</td>
<td>N/A</td>
<td>1</td>
<td>0.717</td>
</tr>
<tr>
<td>N = 6</td>
<td>R1 - R3</td>
<td>0.72</td>
<td>0.875</td>
<td>0.522</td>
<td>0.776</td>
<td>0.889</td>
<td>0.839</td>
<td>0.889</td>
</tr>
<tr>
<td>N = 4</td>
<td>R1 - R4</td>
<td>0.813</td>
<td>0.839</td>
<td>0.808</td>
<td>N/A</td>
<td>0.75</td>
<td>1</td>
<td>0.56</td>
</tr>
<tr>
<td>N = 5</td>
<td>R2 - R4</td>
<td>0.706</td>
<td>0.58</td>
<td>0.671</td>
<td>0.664</td>
<td>N/A</td>
<td>0.857</td>
<td>0.605</td>
</tr>
<tr>
<td>MEAN ICC</td>
<td></td>
<td>0.74</td>
<td>0.78</td>
<td>0.63</td>
<td>0.41</td>
<td>0.82</td>
<td>0.92</td>
<td>0.70</td>
</tr>
</tbody>
</table>
Interested in Licensing the DART?

Simply:

1. Go to:
   https://els.comotion.uw.edu/express_license_technologies/document-assessment-and-review-tool-dart
   The University of Washington’s CoMotion Express Licensing site, Document Assessment and Review Tool (DART)

2. Click “License” button

3. Follow directions - will either ask you to download a pdf or click to request a copy be sent

4. Complete the blank fields in the agreement and exhibits

5. Print & sign the agreement.

6. Mail, fax, or email the signed agreement to CoMotion

7. Receive Invoice from CoMotion

8. Mail in license fee

9. Receive Welcome email from WERT

10. Gain access to: the DART instrument, training resources, and the WFAS data management system
Launching a new WFAS data management system 9/1/20

Initiating “Limited Term Agreements” - (ie less than a year)

Charging based on annual license fees, prorated on a daily basis - all terminate on 8/31/20

Initiating New Annual Agreements with WrapStat and new pricing structure- effective 9/1/20

<table>
<thead>
<tr>
<th>Startup Fee</th>
<th>Base Annual License Fee</th>
<th>Sub-Site Fee (For 2 or more sites)</th>
<th>Total Annual Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,500 (one time only)</td>
<td>$1,100 for one site</td>
<td>0 sub-sites: $0</td>
<td>$1,100</td>
</tr>
<tr>
<td>$1,100 for one site</td>
<td>1-5 sub-sites: $550 each</td>
<td>$1,650 - $3,850</td>
<td></td>
</tr>
<tr>
<td>$1,100 for one site</td>
<td>6-10 sub-sites: $500 each</td>
<td>$4,100 - $6,100</td>
<td></td>
</tr>
<tr>
<td>$1,100 for one site</td>
<td>11-20 sub-sites: $450 each</td>
<td>$6,050 - $10,100</td>
<td></td>
</tr>
<tr>
<td>$1,100 for one site</td>
<td>21-40 sub-sites: $400 each</td>
<td>$9,500 - $17,100</td>
<td></td>
</tr>
<tr>
<td>$1,100 for one site</td>
<td>41+ sub-sites: $350 each</td>
<td>$15,450 - $-----</td>
<td></td>
</tr>
</tbody>
</table>
Questions about DART licensing?

Contact CoMotion at:

Phone: 206-543-3970
Email: license@uw.edu

Contact WERT at:

Email: wrapeval@uw.edu
Questions and Answers

UW WERT: www.wrapinfo.org
Philip Benjamin: pben87@uw.edu
Eric Bruns: ebruns@uw.edu
Lydia Andris: andris@uw.edu
Thank You

SAMHSA’s mission is to reduce the impact of substance abuse and mental illness on America’s communities.

Philip Benjamin: pbenja87@uw.edu  
Eric Bruns: ebruns@uw.edu  
Lydia Andris: andris@uw.edu  
www.wrapinfo.org

www.samhsa.gov

1-877-SAMHSA-7 (1-877-726-4727) • 1-800-487-4889 (TDD)