



# Making Wise Choices-Sexual: The Development of MWC-S Offence Chain Assessment

**18th international conference on offenders with an intellectual and/or  
developmental disability  
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Stavros Simitsis, Higher Assistant Psychologist

Sarah Kelleher, Honorary Assistant Psychologist

Dr Joanne Sharp, Highly Specialist Clinical Psychologist



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## Overview

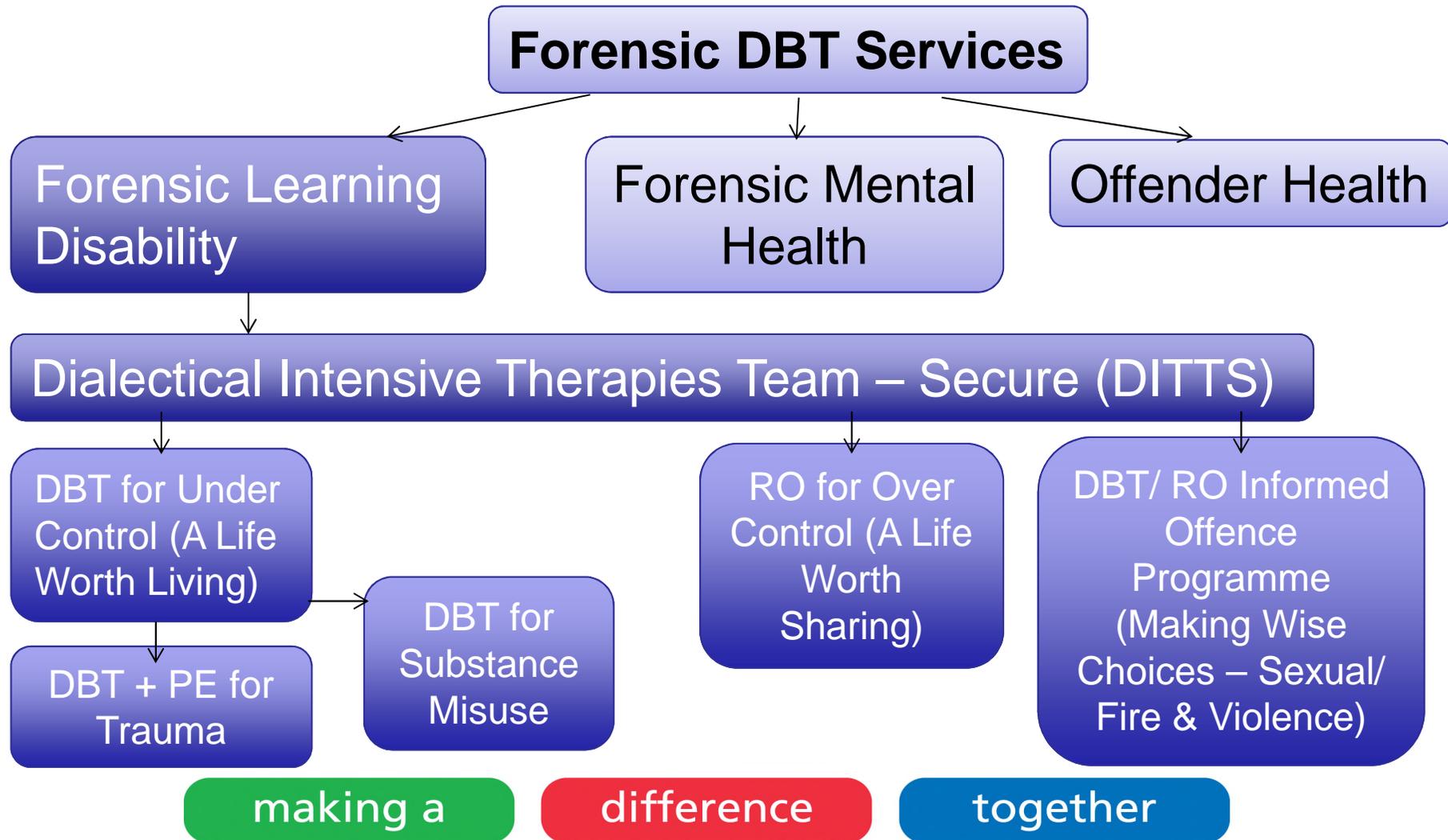
- Forensic DBT Services
- Background/rationale
  - Existing literature, offence chain & outcomes
- MWC-S Offence Chain Assessment
  - Structure, contents & analysis
- Results
  - Descriptive statistics and inter-rater reliability
- Implications and future plans

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# Forensic DBT Service





# Background

## ● Literature

- Meta analysis demonstrates lack of effective treatment for sex offenders. (Mews, Di Bella & Purver, 2017)
  - Reoffending rate for the treatment group over 8 year period was 2% higher than the matched comparison group.
  - Child image reoffending rate was 1.6% higher for the treatment group.
- Lack of effective treatment particularly relevant for service users with Intellectual Disabilities. (Jones & Chaplin, 2017)
  - 5-10% of adult offenders and up to 25% of child offenders have a diagnosis of a learning disability. (Department of Health, 2001; Harrington & Bailey, 2005)

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## Background

- Previous Treatments

- Based at Roseberry Park, the Forensic Learning Disability Service and Autism Secure Services previously delivered traditional SOTPs taking a CBT approach which had its flaws.
- Due to the success of DBT within this population the DITT-S consult aimed to develop a DBT-Informed Offence Programme that would meet the needs of this population.
  - This led to the development of the Making Wise Choices – Sexual programme (MWC-S) and analysis is ongoing to assess the programme's effectiveness.

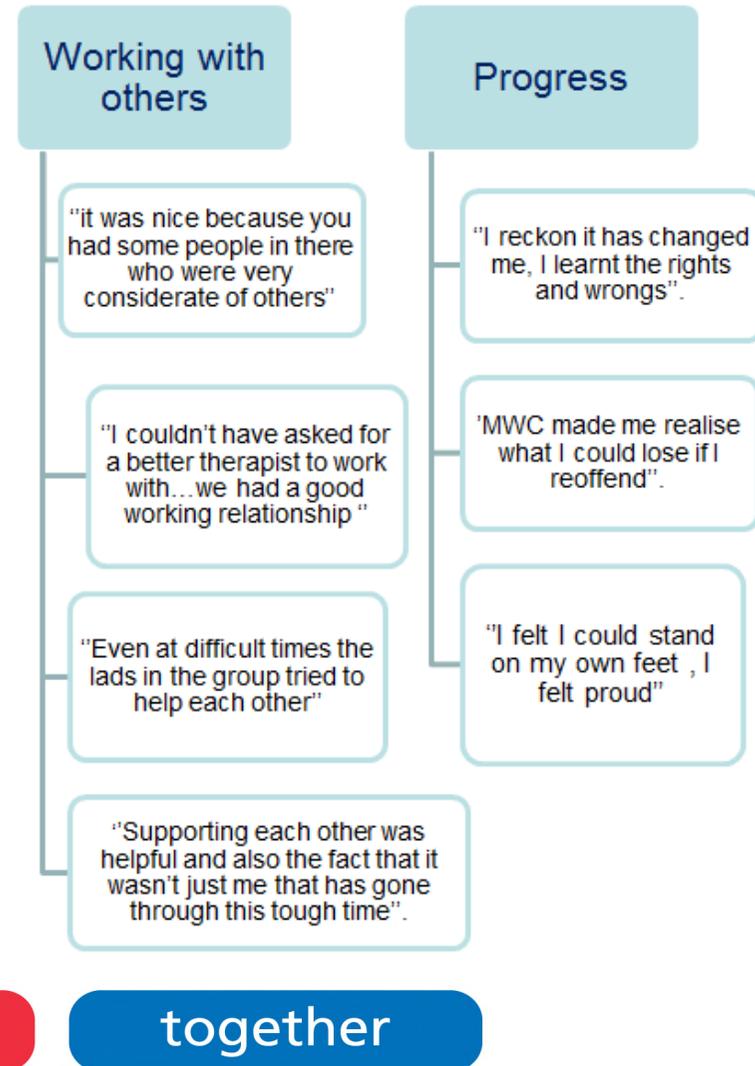
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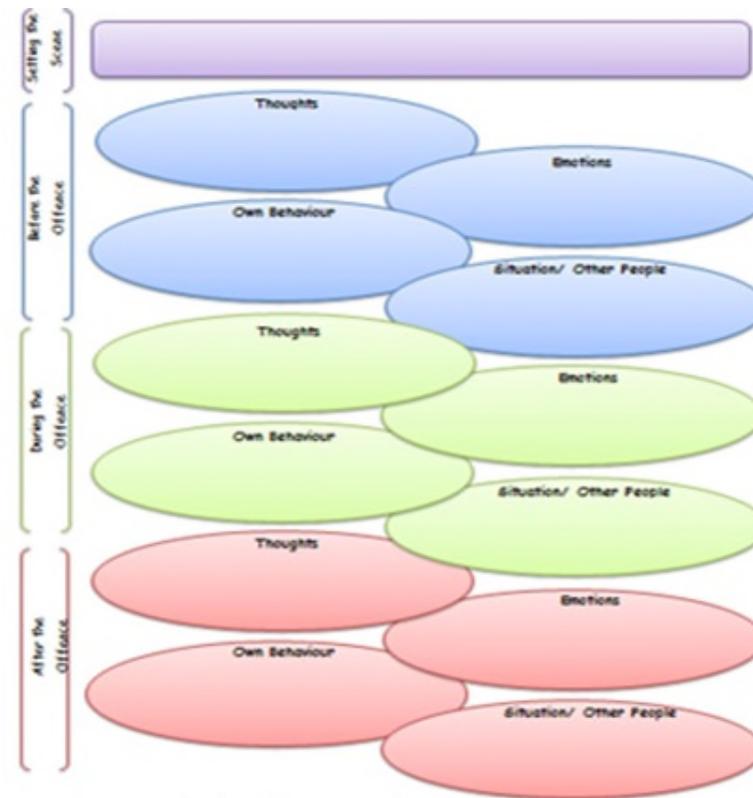
## Evaluating MWC-S

- Quantitative analysis
  - Improved understanding of their offence over time (Small & Sharp, 2019)
    - All group members showed a significant improvement between T1 – T2 ( $p < .0001-.009$ )
- Qualitative analysis
  - Service user feedback supports the effectiveness of MWC-S (Gaga & McCourt 2018).
    - Thematic analysis was used to identify, analyse and report themes and patterns.
    - Interviews with service users showed the following themes: “progress”, “working with others” and “challenges” .



## Method

- Participants
  - 12 members of the DITT-S (including DBT/RO-DBT therapists and Assistant Psychologists).
- Procedure
  - Training on how to evaluate and score assessment.
  - Fictional case study delivered and participants evaluated individually.
  - Reviewing assessments and checking responses.



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## Materials

- 16 questions based on programme content.
  - 3 items reverse scored to reduce response bias.

Areas of Assessment	
Victim Blame	Others Impact (after offence)
Excuses	Others Impact (long term)
Minimisation	Wants & Rights
Accepting Responsibility	The Law
Steps to Offending	Risky Mind (scene setting)
Victim Impact (during offence)	Risky Mind (before offence)
Victim Impact (after offence)	Risky Mind (during offence)
Victim Impact (long term)	Risky Mind (after offence)

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## Materials- Example Item

- Evidence of recognition of Steps to Offending
  - Thinking about offending
  - Making offending OK
  - Planning the offence
  - Doing the offence
- 4-point Likert scale (0-3) Evidence of one of the above stages
  - 0= No mention of any of the above categories
  - 1= Evidence of one of the above stages
  - 2= Evidence of two of the above stages
  - 3= Evidence of three or four of the above stages

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## Results

### ● Descriptive Statistics

- Items 14, 15 and 16 (risky mind factors before, during and after offence) had perfectly consistent responses.
- Items 1 (victim blame) and 2 (excuses) had the highest standard deviation (SD= 1.47, SD= 1.44 respectively) showing the biggest inconsistencies in scoring among participants.
- The data collected was skewed given the level of consistency among participants meaning the assumption of normality was not met.

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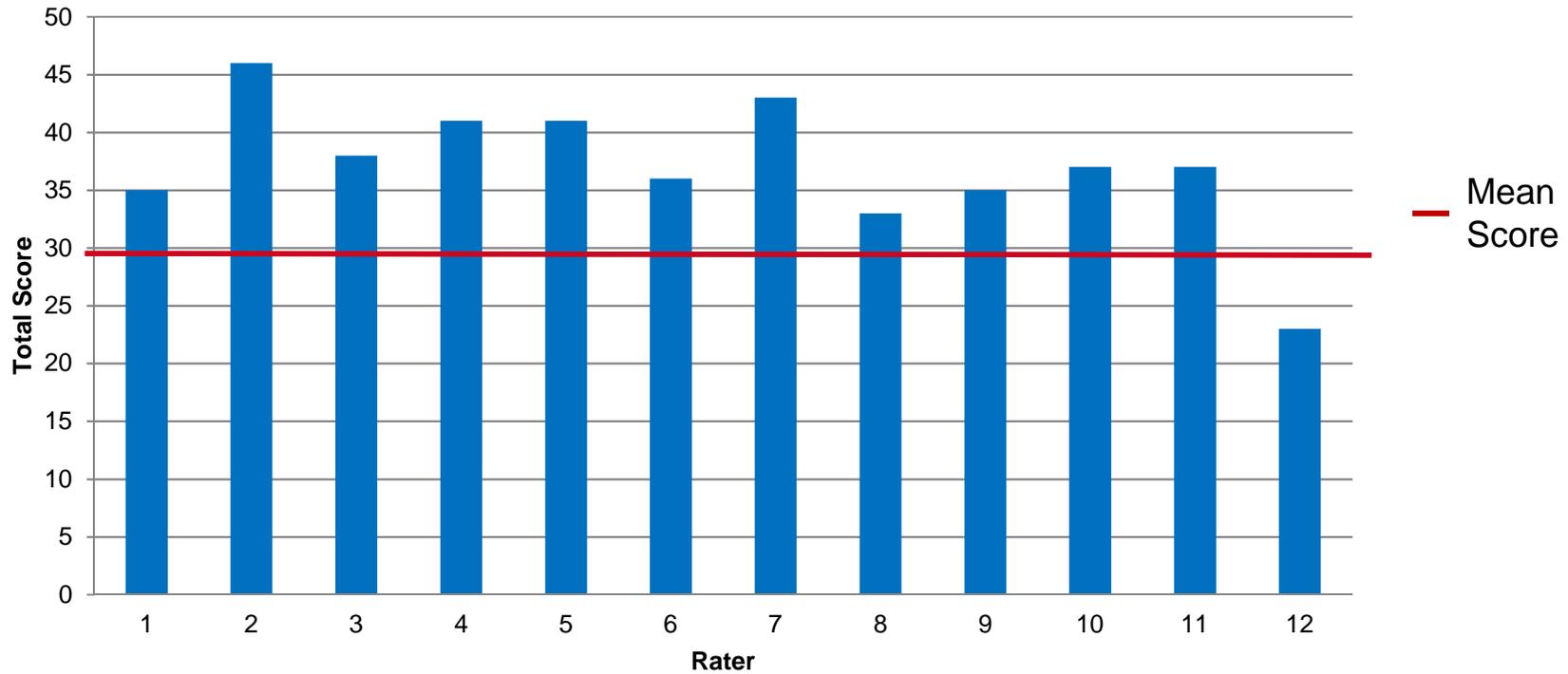
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# Results

## Total Assessment Score per Rater



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## Results

### ● Inter-rater reliability

- Mean score was 27.88 (out of a maximum of 48) with a standard deviation of 6.
- Cronbach's alpha was .714 which demonstrates strong reliability.

**Intraclass Correlation Coefficient**

	Intraclass Correlation <sup>b</sup>	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.158 <sup>a</sup>	.058	.361	3.491	15	165	.000
Average Measures	.692 <sup>c</sup>	.427	.872	3.491	15	165	.000

Two-way mixed effects model where people effects are random and measures effects are fixed.

- The estimator is the same, whether the interaction effect is present or not.
- Type A intraclass correlation coefficients using an absolute agreement definition.
- This estimate is computed assuming the interaction effect is absent, because it is not estimable otherwise.

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# MWC-S Offence Chain Assessment

## ● Implications

- Development of inter-rater reliable assessment of MWC programme.
- Can be utilised to assess individual outcomes (pre and post intervention comparison).
- The development of an effective assessment sensitive to change in this population.
- The assessment has the potential for replication and expansion.

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# MWC-S Offence Chain Assessment

## ● Limitations

- Only one case study was examined for the purpose of this study so real-life examples and different scenarios would need to be investigated.
- Despite efforts to avoid bias, the raters all completed the assessment in one room which left the potential for collaboration of responses.
- Due to small sample size, the study may have been underpowered.
- Lack of generalisability. The MWC-S programme was developed specific to this programme for this population.

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## Future Plans

- What we plan to do next
  - Further replication
  - Developing MWC assessment for Fire and Violence
  - Expansion of programme to non-LD populations
  - Development of MWC-S package to be made available for other trusts/hospitals

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## Contact Details

Dr. Joanne Sharp – Highly Specialist Clinical Psychologist

[joanne.sharp4@nhs.net](mailto:joanne.sharp4@nhs.net)

Mr. Stavros Simitsis – Higher Assistant Psychologist

[stavros.simitsis@nhs.net](mailto:stavros.simitsis@nhs.net)

Miss Sarah Kelleher – Honorary Assistant Psychologist

[sarah.kelleher2@nhs.net](mailto:sarah.kelleher2@nhs.net)

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## References

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***THANK YOU!***

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