Targeting Interventions by Risk, Need, Responsivity

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Risk Principle

- Not necessarily a risk for violence or dangerousness
- Complicated prognosis or lesser amenability to treatment
- Risk level → intensity of supervision and vice versa
- Mixing risk levels is contraindicated
Prognostic Risk Factors

- Current age < 25 years
- Delinquent onset < 16 years
- Substance abuse onset < 14 years
- Prior rehabilitation failures
- Prior felony convictions or incarceration
- History of violence
- Antisocial Personality Disorder or Psychopathy
- Familial history of crime or addiction
- Criminal or substance abuse associations
Need Principle

• Clinical syndromes or impairments (diagnosis)

• Cause crime ("criminogenic") or interfere with rehabilitation ("responsivity")

• Addiction is criminogenic and mental illness can interfere with response to rehabilitation

• Need level ➔ intensity of treatment and vice versa

• Mixing need levels is contraindicated
<table>
<thead>
<tr>
<th>High Risk</th>
<th>Low Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High Needs</strong></td>
<td><strong>Low Needs</strong></td>
</tr>
<tr>
<td>- Supervision</td>
<td>- Secondary prevention</td>
</tr>
<tr>
<td>- Treatment</td>
<td>- Diversion</td>
</tr>
<tr>
<td>- Pro-social habilitation</td>
<td>- (Pro-social rehabilitation)</td>
</tr>
<tr>
<td>- Adaptive habilitation</td>
<td>- Adaptive rehabilitation</td>
</tr>
</tbody>
</table>

- Supervision
- Treatment
- Pro-social habilitation
- Adaptive habilitation
- Secondary prevention
- Diversion
Shaping Behavior

• Don’t expect too much
  – Learned helplessness, ratio burden, ceiling effects

• Don’t expect too little
  – Habituation, complacency

• Proximal vs. distal goals

• Phase specificity
  – What was once distal becomes proximal
Specific Responsivity

• All needs are not created equal

• **Order and timing** of intervention is critical:

  1. Responsivity needs: interfere with rehabilitation
  2. Criminogenic needs: cause or exacerbate crime
  3. Maintenance needs: degrade rehabilitation gains
  4. Humanitarian needs: cause distress
Phase Structure

Type 1 Case

Responsivity Needs?

- yes
  - As needed:
    1. Housing assistance
    2. Stabilize cravings, withdrawal, anhedonia
    3. Mental health tx

- no

Criminogenic Needs?

- yes
  - As needed:
    1. Addiction treatment
    2. Delinquent peer affiliations
    3. Pro-social regimen; structure

- no
  - 1. Criminal thinking
  - 2. Adaptive problem-solving

Continuing Care

- As needed:
  1. Vocational or educational counseling & assistance
  2. Therapy / recovery
  *3. Medical or dental tx
  *4. HIV/STD prevention
  *5. Overdose prevention & reversal

- yes

Maintenance Needs?

- no

*Humanitarian Needs

18 – 24 mos. ≥ 200 hrs.
Phase Structure

Responsivity Needs?
- yes
  - As needed:
    1. Housing assistance
    2. Stabilize cravings, withdrawal, anhedonia
    3. Mental health tx

Criminogenic Needs?
- yes
  - As needed:
    1. Addiction treatment
    2. Delinquent peer affiliations
    3. Pro-social regimen; structure

- no
  - 1. Criminal thinking
  - 2. Adaptive problem-solving

Continuing Care
- yes
  - As needed:
    1. Vocational or educational counseling & assistance
    2. Therapy / recovery
    *3. Medical or dental tx
    *4. HIV/STD prevention
    *5. Overdose prevention & reversal

- no
  - *Humanitarian Needs

Type 2 Case
- yes
  - As needed:
    1. Housing assistance
    2. Stabilize cravings, withdrawal, anhedonia
    3. Mental health tx

- no
  - 1. Addiction treatment
  - 2. Delinquent peer affiliations
  - 3. Pro-social regimen; structure

12 – 18 mos.
~ 150 hrs.
Phase Structure

Responsivity Needs?
- yes
- no

As needed:
1. Housing assistance
2. Stabilize cravings, withdrawal, anhedonia
3. Mental health tx

Criminogenic Needs?
- yes
- no

As needed:
1. Addiction treatment
2. Delinquent peer affiliations
3. Pro-social regimen; structure

Maintenance Needs?
- yes
- no

As needed:
1. Vocational or educational counseling & assistance
2. Therapy / recovery
3. Medical or dental tx
4. HIV/STD prevention
5. Overdose prevention & reversal

Type 3 Case
1. Criminal thinking
2. Adaptive problem-solving

~ 12 mos.
~ 100 hrs.

Continuing Care

*Humanitarian Needs
Phase Structure

Responsivity Needs?

- yes
- no

Criminogenic Needs?

- yes
- no

As needed:
1. Housing assistance
2. Stabilize cravings, withdrawal, anhedonia
3. Mental health tx

As needed:
1. Addiction treatment
2. Delinquent peer affiliations
3. Pro-social regimen; structure

6 - 12 mos.
~ 50-100 hrs.

Continuing Care

- yes
- no

As needed:
1. Vocational or educational counseling & assistance
2. Therapy / recovery
3. Medical or dental tx
4. HIV/STD prevention
5. Overdose prevention & reversal

Type 4 Case

Maintenance Needs?

- yes
- no

*Humanitarian Needs
### Responsivity Needs?

- **As needed:**
  1. Housing assistance
  2. Stabilize cravings, withdrawal, anhedonia
  3. Mental health tx

### Criminogenic Needs?

- **As needed:**
  1. Addiction treatment
  2. Delinquent peer affiliations
  3. Pro-social regimen; structure

### Maintenance Needs?

- **As needed:**
  1. Criminal thinking
  2. Adaptive problem-solving

### Type 5 Case

**3 – 6 mos.**

**12 - 26 hrs.**

- **As needed:**
  1. Vocational or educational counseling & assistance
  2. Therapy / recovery
  3. Medical or dental tx
  4. HIV/STD prevention
  5. Overdose prevention & reversal

### Continuing Care

- **Humanitarian Needs**
# Treatment Plans

<table>
<thead>
<tr>
<th>High Risk</th>
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<tbody>
<tr>
<td><strong>High Needs</strong></td>
<td><strong>Low Needs</strong></td>
</tr>
<tr>
<td>✓ Type 1 or 2 case plan</td>
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</tr>
<tr>
<td>✓ Weekly individual case mgmt.</td>
<td>✓ 12:1 group ratio</td>
</tr>
<tr>
<td>✓ 12:2 group ratio</td>
<td>✓ Positive reinforcement</td>
</tr>
<tr>
<td>✓ Positive reinforcement</td>
<td>✓ Self-help community</td>
</tr>
<tr>
<td>✓ Self-help community</td>
<td>✓ Medication-assisted tx</td>
</tr>
<tr>
<td>✓ Medication-assisted tx</td>
<td></td>
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<tr>
<td><strong>Low Needs</strong></td>
<td><strong>Low Needs</strong></td>
</tr>
<tr>
<td>✓ Type 3 or 4 case plan</td>
<td>✓ Type 4 or 5 case plan</td>
</tr>
<tr>
<td>✓ 12:2 group ratio</td>
<td>✓ Psycho-education (any ratio)</td>
</tr>
<tr>
<td>✓ Negative reinforcement</td>
<td>✓ Negative reinforcement</td>
</tr>
<tr>
<td>✓ Antagonists only</td>
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Pre-Disposition Assessment

- Require assessment of risk and need before intervention
- Standardized, valid, reliable, & culturally unbiased instruments
- Use immunity especially at pre-adjudication stage
- Clinical case management
- Automate the if / then decisions