

RISc 3

Structured decision making by the Dutch probation service

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1. Importance of structured decision making
2. RISC
3. Reliability and validity
4. A structured way of supervision and sentence planning

Structured decision making

Study	Criterion	Clinical judgement	Structured judgement
Grove et al. (2000)	general mix	6% better	47% better
Bonta, Law & Hanson (1998)	general recidivism	AUC=0.50	AUC=0.73
	violent recidivism	AUC=0,55	AUC=0,64
Hanson & Bussière (1998)	Sexual recidivism	AUC=0,56	AUC=0,74
Mossman (1994)	Violence	AUC=0,67	AUC=0,78
Andrews, Bonta & Wormith (2006)	General	AUC=0,56	AUC=0,75
	violence	AUC=0,57	AUC=0,73

From: Andrews & Bonta, 2006.

- What works? → risk, needs, responsiveness
- Based on OASys (England & Wales)
- Adapted to Dutch situation
- Implementation: 2004/2005
- Research: reliability (2007), validity (2009)
- Structured way of supervision and sentence planning (2010)

Level 1: basic assessment

- Risk of recidivism
- Risk of harm
- Criminogenic needs (12)
- Responsivity



Level 2: specialised assessment



Level 3: Integral conclusion

Level 4: Supervision and sentence planning

- Behavioural change
- Risk management



RISc: conclusion about risk of recidivism and criminogenic needs

Scale	RS	No Criminogenic need	Criminogenic Need	Serious criminogenic need	WS
1 / 2: offence (history)	8				20
3: Housing	1				2
4: Education and Work	7				12
5. Finance	7				10
6: partner & family	3				2
7: Friends	0				0
8: Drugs	0				0
9: Alcohol	10				5
10: Emotional wellbeing	4				2
11: Cognitive skills	14				11
12: Attitude	9				15

RISc of recidivism

**79 =
Medium high**



- Recidivism (RISc, Static 99)
- Self harm
- Seriousness offence
- Harm to other people
- What people: known or unknown
- Breach / non-compliance
- Specific location
- Specific time
- Imminence

Automatic conclusion and professional opinion

- Offender concerns (self assessment)
- Motivation
- Possibility for change
- Strengths
- Weaknesses

1. Reliability / construct validity

- Inter-rater reliability good, except scales 11 and 12
- Internal consistency: good, except scales 6 and 9
- Predictive validity, RISC scores compared to Statrec (Dutch version of OGRS): good, but less good for female offenders and older offenders (> 50 years)

2. Predictive validity

- AUC 0,70 (general recidivism, 2 years follow up)
- Less good for: sex offenders, persistent offenders, first offenders

Goal:

- Structured
- Transparent
- Link between conclusions on risk, needs, responsibility and supervision and sentence plan
- Reliable
- Workable
- Valid

Step 1: Priority needs

What criminogenic needs need to be influenced

Step 2: Behavioural change

Goals and interventions

Step 3: Sentence and supervision

Step 4: Overview

Step 1: Priority needs

Criminogenic Need	No	Present	Serious	Offence related	High priority	Medium priority	Low priority	No priority
3: Housing	■				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
4: Education and Work		■			<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
5: Finance			■	yes	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
6: partner & family	■				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
7: Friends	■				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
8: Drugs	■				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
9: Alcohol			■	yes	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
10: Emotional wellbeing	■				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
11: Cognitive skills			■	yes	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12: Attitude			■	yes	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



- Cognitive skills
- Cognitive skills + (low intelligence)
- Aggression regulation
- Drug/alcohol abuse (general or short)
- Labour skills
- Living skills
- Budget skills
- (under development: domestic violence)
- (under development: alcohol – aggression)



Automatic indication based on selection criteria

- Education
- Jobcentre
- Debt assistance
- Health care
- Psychiatric care
- Care for intellectual disabled
- Housing facilities

- Support by probation officer

On each criminogenic need with a priority:

1. Goal
2. Intervention
 - a. Automatic
 - b. Professional
3. Setting
4. Practicable

Step 3: Level of supervision

	Less serious or non violent offence		Serious violent offence	
	Standard practical aid and Chance on breach low/medium	Intensive practical aid or chance on breach high	Chance on breach low/medium	Chance on breach high
Chance on recidivism low	Level 1	Level 1	Level 1	Level 2/3
Chance on recidivism low-medium	Level 1	Level 1	Level 2	Level 2/3
Chance on recidivism high-medium	Level 1	Level 2	Level 2/3	Level 3
Chance on recidivism high	Level 2	Level 2	Level 2/3	Level 3

Step 3. Conditions

Bijzondere voorwaarden ⓘ ⓘ

Voorstel	Indicatie	Bijzondere voorwaarden	Controlemiddel ⓘ	Voorstel	Indicatie
▪	<input checked="" type="checkbox"/>	Meldingsgebod ⓘ			
▪	<input checked="" type="checkbox"/>	Deelname aan een gedragsinterventie ⓘ			
▪	<input checked="" type="checkbox"/>	- Cognitieve vaardigheidstraining (CoVa) - Cognitieve vaardigheidstraining+ (CoVa+) - Leefstijltraining - Leefstijltraining (kort)			
▪	<input checked="" type="checkbox"/>	- Arbeidsvaardigheden training (ArVa) - Agressieregulatietraining (ART) - Module huisvesting en wonen			
▪	<input checked="" type="checkbox"/>	- Module budgetteren			
▪	<input type="checkbox"/>	🔍 - Overige, <input type="text"/>			
		Behandelverplichting (ambulante behandeling) ⓘ			
		Opname in een instelling voor begeleid wonen of maatschappelijke opvang ⓘ			
		Opname in een zorginstelling (klinische behandeling) ⓘ			
	<input type="checkbox"/>	Drugs- of alcoholverbod ⓘ			
	<input checked="" type="checkbox"/>	Contactverbod ⓘ	RFID	<input checked="" type="checkbox"/>	
			GPS	<input type="checkbox"/>	
	<input type="checkbox"/>	Locatieverbod, te weten ⓘ			
	<input type="checkbox"/>	Locatiegebod, te weten ⓘ			
	<input type="checkbox"/>	Andere voorwaarden het gedrag van de veroordeelde betreffende, te weten ⓘ			

Step 4: Overview

Sentence

Conditional prison sentence - advice

Supervision

Level 2

Conditions

Report to probation

Behavioural intervention:

- cognitive skills program

- Alcohol abuse program

Alcohol prohibition

Controle

Bloodtest

Interventions

Criminogenic need

Practicable

Cognitive skills program

Cognitive skills

yes

Goal

Alcohol abuse program

Alcohol

yes

Goal

Supervision

Attitude

yes

Goal