





## APPENDIX 15B: RISK FACTORS FOR REPETITION OF SELF-HARM

### CHARACTERISTICS OF INCLUDED STUDIES

#### BJORNAAS2009

<b>Methods</b>	<b>Study Design:</b> Prospective cohort study in Norway
	<b>Recruitment setting:</b> Patients discharged following treatment for self-poisoning
<b>Participants</b>	<b>Study length:</b> 20 years <b>N used in analysis:</b> 946
	<b>History of self-harm:</b> Unclear
	<b>Diagnosis:</b> 53% no abuse, 12% opioid addict
	<b>Age:</b> (age 13-93) median 31
	<b>Gender:</b> 51% female
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	gender, social groups, suicide intent, substance abuse, consciousness level, psychiatrist seen
<b>Notes</b>	<b>List any major study limitations:</b> suicidal motive measured was subjective and no form/scales was used; no psychiatric diagnosis

#### Risk of bias table

Item	Judgement	Description
Study Sample	Yes 	
Loss to follow up	Unclear 	
Prognostic factor	Unclear 	
Outcome of interest	Yes 	

Potential confounders

Statistical analysis

## BILLE-BRAHE1994

<b>Methods</b>	<b>Study Design:</b> Prospective cohort study in Denmark
	<b>Recruitment setting:</b> Suicide attempts registered at hospital
<b>Participants</b>	<b>Study length:</b> 2 years
	<b>N used in analysis:</b> 392
	<b>History of self-harm:</b> 57% made at least 1 attempt
	<b>Diagnosis:</b> Unclear
	<b>Age:</b> Age 15 or above
	<b>Gender:</b> 58% female
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	DSH history; marital status; living situation; economic situation
<b>Notes</b>	<b>List any major study limitations:</b> unadjusted ratios

### Risk of bias table

Item	Judgement	Description
Study Sample	<input type="text" value="Yes"/>	
Loss to follow up	<input type="text" value="Unclear"/>	
Prognostic factor	<input type="text" value="Unclear"/>	
Outcome of interest	<input type="text" value="Yes"/>	
Potential confounders	<input type="text" value="Unclear"/>	
Statistical analysis	<input type="text" value="Unclear"/>	

## CHANDRASEKARAN2008

<b>Methods</b>	<b>Study Design:</b> Prospective cohort study in India
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**Participants**

**Recruitment setting:** presented to A&E after first ever attempt

**Study length:** 2 years

**N used in analysis:** 293

**History of self-harm:** first attempt

**Diagnosis:** Baseline 26% depression, 6% alcohol dependence, 5% anxiety, 5% personality disorder

**Age:** Mean 26

**Gender:** 55% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

Gender; employment; marital status; depression; hopelessness; mean stress score

**Notes**

**List any major study limitations:** high % of participants come from rural area

**Risk of bias table**

Item	Judgement	Description
Study Sample	Unclear	
Loss to follow up	Yes	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**CHEN2010**

**Methods**

**Study Design:** Prospective cohort study in Taiwan

**Recruitment setting:** Residents who self-harmed from register record in 2000-2003 and followed up to 2005

**Participants**

**Study length:** around 5 years

**N used in analysis:** 970

**History of self-harm:** unclear

**Diagnosis:** unclear

**Age:** Mean 37

**Gender:** 63% female

**Interventions**  
**Outcomes**  
**Risk and Protective factors**  
**Notes**

Gender; age; method of self-harm; education; marital status

**List any major study limitations:** Did not assess for psychiatric diagnosis

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**CHEN2011**

**Methods**  
**Participants**  
**Interventions**  
**Outcomes**  
**Risk and Protective factors**  
**Notes**

Same as CHEN2010

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	

Outcome of interest	<input type="text" value="Yes"/>
Potential confounders	<input type="text" value="Unclear"/>
Statistical analysis	<input type="text" value="Yes"/>

### CHITSABESAN2003

#### Methods

**Study Design:** Prospective cohort study in UK

**Recruitment setting:** Children referred to CAMHS teams taken an overdose

#### Participants

**Study length:** 6 months

**N used in analysis:** 147

**History of self-harm:** 29% had a history of self-harm

**Diagnosis:** 69% of sample had a diagnosis of depression, 51% had a diagnosis of substance abuse, 9% had a diagnosis of conduct disorder

**Age:** Mean 14.5 (All below age of 16)

**Gender:** 85% female

#### Interventions

#### Outcomes

#### Risk and Protective factors

Parental mental health, suicidal ideation, depression, family functioning, previous attempts, suicidal intent

#### Notes

**List any major study limitations:** relatively shorter follow up







#### Risk of bias table

Item	Judgement	Description
Study Sample	<input type="text" value="Yes"/>	
Loss to follow up	<input type="text" value="Unclear"/>	
Prognostic factor	<input type="text" value="Unclear"/>	
Outcome of interest	<input type="text" value="Unclear"/>	
Potential confounders	<input type="text" value="Yes"/>	
Statistical analysis	<input type="text" value="Yes"/>	

## COLMAN2004

<b>Methods</b>	<p><b>Study Design:</b> Prospective cohort study in Canada</p> <p><b>Recruitment setting:</b> Patients presented to ER for treating parasuicide</p>
<b>Participants</b>	<p><b>Study length:</b> Between 1-2 years</p> <p><b>N used in analysis:</b> 369</p> <p><b>History of self-harm:</b> 66% had a history of self-harm</p> <p><b>Diagnosis:</b> 66% major depression; 47% alcohol abuse/dependence; 29% drug abuse; 25% Antisocial personality disorders</p> <p><b>Age:</b> 16 or above</p> <p><b>Gender:</b> 67% female</p>
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	history of parasuicide, schizophrenia, depression, poor physical health
<b>Notes</b>	<b>List any major study limitations:</b> 50% of participants not in labour force

### Risk of bias table

Item	Judgement	Description
Study Sample	Yes 	
Loss to follow up	Unclear 	
Prognostic factor	Unclear 	
Outcome of interest	Yes 	
Potential confounders	Yes 	
Statistical analysis	Yes 	

## COOPER2005

<b>Methods</b>	<p><b>Study Design:</b> Prospective cohort study in UK</p> <p><b>Recruitment setting:</b> Self-harm patients presented to</p>
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emergency department

**Participants**

**Study length:** Around 4 years

**N used in analysis:** 7968

**History of self-harm:** 51% had a history of self-harm

**Diagnosis:** Unclear

**Age:** Median 30

**Gender:** 57% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

socioeconomic characteristics, clinical characteristics, mental state, precipitants of self-harm, avoided discovery, self-cutting as method, not living with close relatives, previous psychiatric treatment, alcohol misuse, physical health problems

**Notes**

**List any major study limitations:** n/a

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Yes	
Statistical analysis	Yes	

**DIESERUD2003**

**Methods**

**Study Design:** Prospective cohort study in Norway

**Recruitment setting:** Patients admitted to hospital after suicide attempt (98% self-poisoning)

**Study length:** About 1.5 years

**Participants**

**N used in analysis:** 50

**History of self-harm:** unclear

**Diagnosis:** Unclear

**Age:** Mean 41

**Gender:** 67% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

gender, age, previous attempt, suicide intent, medical risk, depression, hopelessness, self-efficacy, self-esteem, problem-solving

**Notes**

**List any major study limitations:** n/a

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**HAWTON1992**

**Methods**

**Study Design:** Prospective cohort study in UK

**Recruitment setting:** Children aged 10-19 referred to hospital after attempted suicide

**Study length:** 14 years

**Participants**

**N used in analysis:** 2282

**History of self-harm:** 20% had history of self-harm

**Diagnosis:** 4.9% had a personality disorder, 4.1% had a personality disorder, 4.3% of males & 1.1% of females were drug dependent & 1.3% of males & 0.7% of females were alcoholics

**Age:** 10-19 years old



**Interventions**  
**Outcomes**  
**Risk and Protective factors** gender, psychiatric history  
**Notes** **List any major study limitations:** n/a

**Gender:** 73% female

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**HAWTON2008**

**Methods** **Study Design:** Prospective cohort study in UK

**Recruitment setting:** Children (age 8-15) at first presentation to hospital after DSH

**Study length:** 26 years

**Participants** **N used in analysis:** 710

**History of self-harm:** 27% had history of self-harm

**Diagnosis:** 92% self-poisoning; 3.4% eating disorder (no other information provided)

**Age:** 8-15 years old

**Gender:** 87% female

**Interventions**  
**Outcomes**  
**Risk and Protective factors** gender  
**Notes** **List any major study limitations:** unable to obtain reliable recording of psychiatric disorder

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Unclear	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

## HOLLEY1998

<b>Methods</b>	<p><b>Study Design:</b> Prospective cohort study in Canada</p> <p><b>Recruitment setting:</b> Adults first ever inpatient admission to hospital for suicide attempt</p> <p><b>Study length:</b> 13 years</p>
<b>Participants</b>	<p><b>N used in analysis:</b> 876</p> <p><b>History of self-harm:</b> Unclear, but 35-43% had alcohol as a factor in the attempt</p> <p><b>Diagnosis:</b> 4.9% schizophrenic disorders, 68.5% depressive disorders, 2.6% other psychoses, 24% other neuroses</p> <p><b>Age:</b> 22-25% age below 21, 35-39% age 21-30, 20% age 31-40</p> <p><b>Gender:</b> 62% female</p>
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	<p>Gender, Marital status, Income, Primary diagnosis, psychiatric comorbidity, physical comorbidity, prior non-hospitalized attempt, prior psychiatric admissions, alcohol as factor, non-violent method used</p>
<b>Notes</b>	<p><b>List any major study limitations:</b> excluded high risk subjects (ie. Those with prior inpatient hospitalization for DSH) (argue this will deflate the cumulative mortality)</p>

### Risk of bias table

Item	Judgement	Description
Study Sample	Unclear	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

## HULTEN2001

<b>Methods</b>	<p><b>Study Design:</b> Prospective cohort study in Europe (Italy, Finland, UK, Sweden, Norway, Germany)</p> <p><b>Recruitment setting:</b> age 15-19 attempted suicide and received A&amp;E treatment at hospital</p> <p><b>Study length:</b> average of 4 years</p>
<b>Participants</b>	<p><b>N used in analysis:</b> 1264</p> <p><b>History of self-harm:</b> 38% self-harm history</p> <p><b>Diagnosis:</b> Unclear</p> <p><b>Age:</b> 15-19 years old</p> <p><b>Gender:</b> 72% female</p>
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	Methods of self-harm; previous history of self-harm
<b>Notes</b>	<b>List any major study limitations:</b> psychiatric diagnosis reported

### Risk of bias table

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Yes	

Statistical analysis

## JOHNSSON1996

### Methods

**Study Design:** Prospective cohort study in Sweden

**Recruitment setting:** patients admitted after suicide attempt

### Participants

**Study length:** 5 years

**N used in analysis:** 42

**History of self-harm:** 48% self-harm history

**Diagnosis:** 68% personality disorder, 35% major depressive disorder, 21% dysthymia, 8% substance use disorder, 17% adjustment disorder, 9% anxiety disorder, 5% psychoses, 1.3% eating disorders

**Age:** adolescents

**Gender:** 59% female

### Interventions

### Outcomes

### Risk and Protective factors

gender, marital status, previous attempts, psychiatric treatment, employment, parent psychiatric treatment, major depressive; personality disorder

### Notes

**List any major study limitations:** unadjusted ratio; lost to follow up

### Risk of bias table

Item	Judgement	Description
Study Sample	<input type="text" value="Yes"/>	
Loss to follow up	<input type="text" value="Unclear"/>	
Prognostic factor	<input type="text" value="Yes"/>	
Outcome of interest	<input type="text" value="Yes"/>	
Potential confounders	<input type="text" value="Unclear"/>	
Statistical analysis	<input type="text" value="Unclear"/>	

## JOHNSTON2006

**Methods**

**Study Design:** Prospective cohort study in UK

**Recruitment setting:** patients (age 16 or above) who self-harm and presented to A&E

**Participants**

**Study length:** at least 6 months

**N used in analysis:** 4743

**History of self-harm:** 55% self-harm history

**Diagnosis:** Unclear; 51% had previous psychiatric treatment

**Age:** adults age 16 or above

**Gender:** Unclear % female

**Interventions**

**Outcomes**

**Risk and Protective factors**

previous self harm, previous psychiatric treatment, employment status, marital status, race

**Notes**

**List any major study limitations:** mentioned males and those using self-cut method maybe under-represented

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**KRARUP1991**

**Methods**

**Study Design:** Prospective cohort study in Denmark

**Recruitment setting:** patient presented to hospital after suicide attempt

**Study length:** 5 years

**Participants**

**N used in analysis:** 99

**History of self-harm:** unclear

**Diagnosis:** 8% depression, 8% schizophrenia, 7% other psychoses, 25% neuroses, 30% personality disorders, 45% alcohol abuse, 19% medicine abuse, 11% no psychiatric diagnosis

**Age:** 9% under 19 years old; 63% age 20-39; 28% over 40 years old

**Gender:** 48% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

gender, loss of parents in childhood, age, quality of childhood

**Notes**

**List any major study limitations:** Control group comprise of people who've never made any attempt, nor repeated attempt during follow up (mixture of both reduced predictive power of risk for repetition); unadjusted ratio

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Unclear	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Unclear	

**McAULIFFE2008**

**Methods**

**Study Design:** Prospective cohort study in Ireland

**Recruitment setting:** adults 18-64 admitted to A&E for DSH

**Study length:** 1 year

**Participants**

**N used in analysis:** 152

**History of self-harm:** 63.1%

**Diagnosis:** unclear

**Age:** aged between 18-64

**Gender:** 62.5% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

Gender, Age, Method of self-harm, Marital status, education, DSH history, Optional thinking, Suicide intent, Hopelessness

**Notes**

**List any major study limitations:** males were significantly older than females; more females were married and highly educated

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**MIRANDA2008**

**Methods**

**Study Design:** Prospective cohort study in US

**Recruitment setting:** School adolescents age 12-18 who endorsed lifetime suicide attempt, recent ideation or both

**Study length:** 4-6 years

**Participants**

**N used in analysis:** 228

**History of self-harm:** 65% reported suicidal ideation only (data not extracted); 20% reported a single suicide attempt & 15% reported multiple suicide attempts

**Diagnosis:** 27% had a mood disorder, 37% had an

anxiety disorder, 13% had a substance misuse/dependence disorder

**Age:** Mean 15.5

**Gender:** 63% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

**Notes**

gender, baseline mood, anxiety, substance, any diagnosis, age, ethnicity, multiple attempts

**List any major study limitations:** Over-representation of male and Hispanic teens at follow up, self-endorsed attempts

**Risk of bias table**

Item	Judgement	Description
Study Sample	No	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Unclear	
Potential confounders	Yes	
Statistical analysis	Yes	

**NORDENTOFT1993**

**Methods**

**Study Design:** Prospective cohort study in Denmark

**Recruitment setting:** Patients who self poison presented in 1980

**Study length:** 10 years

**Participants**

**N used in analysis:** 974

**History of self-harm:** unclear

**Diagnosis:** 40% no mental illness; 4% Schizophrenia diagnosis; 15% Personality disorder; 28% alcoholism diagnosis

**Age:** 15 or above

**Gender:** 63% female



**Interventions**  
**Outcomes**  
**Risk and Protective factors** older age, living alone, 2 or more repetitions  
**Notes** **List any major study limitations:** n/a

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Yes	

**OWENS1994**

**Methods** **Study Design:** Prospective cohort study in UK  
**Recruitment setting:** Admitted to hospital for DSH self poisoning between 1985 and 1986

**Participants** **Study length:** 1 years  
**N used in analysis:** 992  
**History of self-harm:** 35% DSH history  
**Diagnosis:** 33% past psychiatric contact; 15% psychiatric admission  
**Age:** unclear  
**Gender:** 61% female

**Interventions**  
**Outcomes**  
**Risk and Protective factors** gender, previous attempt, marital status, past psychiatric admission  
**Notes** **List any major study limitations:** unadjusted data

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Unclear	
Statistical analysis	Unclear	

## SCOLIERS2009

<b>Methods</b>	<p><b>Study Design:</b> Prospective cohort study in Belgium</p> <p><b>Recruitment setting:</b> Attempters referred to A&amp;E and contacted 5 years later</p> <p><b>Study length:</b> 5 years</p>
<b>Participants</b>	<p><b>N used in analysis:</b> 361</p> <p><b>History of self-harm:</b> 34% DSH history</p> <p><b>Diagnosis:</b> 61% had high anxiety score at follow up; 46% had high depression score at follow up; 29% had above avg SCL-90 scores</p> <p><b>Age:</b> Majority younger than 40 years old</p> <p><b>Gender:</b> 57% female</p>
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	Gender, age, civil status, education, living status, unemployment, income, risk assess scale, psychopathology, suicide ideation, anxiety scores, depression scores, SCL-90
<b>Notes</b>	<b>List any major study limitations:</b> n/a

## Risk of bias table

Item	Judgement	Description
Study Sample	Unclear	
Loss to follow up	No	
Prognostic factor	Unclear	

Outcome of interest	<input type="text" value="Yes"/>
Potential confounders	<input type="text" value="No"/>
Statistical analysis	<input type="text" value="Yes"/>

## SKOGMAN2004

### Methods

**Study Design:** Prospective cohort study in Sweden

**Recruitment setting:** Suicide attempters (age 15-96) admitted to hospital between 95-97

### Participants

**Study length:** 6 years

**N used in analysis:** 1052

**History of self-harm:** 45% DSH history

**Diagnosis:** 19% depression, 36% adjustment disorder, 11% substance use disorder, 8% psychosis

**Age:** Mean age 40

**Gender:** 61% female

### Interventions

### Outcomes

### Risk and Protective factors

Male, Older age (over 50 years old), repeater, major depression, violent index attempt, high suicide intent score

### Notes

**List any major study limitations:** some data missing; excluded cases of 'uncertain suicide'







### Risk of bias table

Item	Judgement	Description
Study Sample	<input type="text" value="Yes"/>	
Loss to follow up	<input type="text" value="Yes"/>	
Prognostic factor	<input type="text" value="Yes"/>	
Outcome of interest	<input type="text" value="Yes"/>	
Potential confounders	<input type="text" value="Yes"/>	
Statistical analysis	<input type="text" value="Yes"/>	

## SUOKAS2001

<b>Methods</b>	<b>Study Design:</b> Prospective cohort study in Finland
	<b>Recruitment setting:</b> Treated during 1983 at A&E
<b>Participants</b>	<b>Study length:</b> 13-14 years <b>N used in analysis:</b> 1018
	<b>History of self-harm:</b> 48% DSH history
	<b>Diagnosis:</b> 60% had previous psychiatric treatment
	<b>Age:</b> 54% were under 35 years old
	<b>Gender:</b> 53% female
<b>Interventions</b>	
<b>Outcomes</b>	
<b>Risk and Protective factors</b>	male, previous attempt, somatic disease, suicide intent, previous psychiatric treatment
<b>Notes</b>	<b>List any major study limitations:</b> no psychiatric diagnosis information

### Risk of bias table

Item	Judgement	Description
Study Sample	Yes 	
Loss to follow up	Unclear 	
Prognostic factor	Yes 	
Outcome of interest	Yes 	
Potential confounders	Unclear 	
Statistical analysis	Yes 	

## WANG2006

<b>Methods</b>	<b>Study Design:</b> Prospective cohort study in Norway and Iceland
	<b>Recruitment setting:</b> Suicide cohort from hospital system from 1979-82
	<b>Study length:</b> 5-20 years

**Participants**

**N used in analysis:** 125

**History of self-harm:** unclear

**Diagnosis:** 13% other psychoses; 16% anxiety; 11% alcohol abuse; under alcohol influence 46%; 7% contain suicide letter

**Age:** Mean 35

**Gender:** 54% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

Age (<40 and others), newcomer, alcohol intoxication, suicide letter at index episode

**Notes**

**List any major study limitations:** half of the attempts were made under influence of alcohol

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Yes	
Outcome of interest	Yes	
Potential confounders	Yes	
Statistical analysis	Yes	

**WONG2008**

**Methods**

**Study Design:** Prospective cohort study in Hong Kong

**Recruitment setting:** self endorsed Single or more attempts at baseline (questionnaire)

**Study length:** 1 year

**Participants**

**N used in analysis:** 1099

**History of self-harm:** 2% self-harmed within the past year

**Diagnosis:** 24% had depressive symptoms (Centre for

Epidemiological Studies-Depression), 20% had anxiety symptoms (Chinese version of STAI-T)

**Age:** Mean 15 (range 12-18)

**Gender:** 33% female

**Interventions**

**Outcomes**

**Risk and Protective factors**

Gender, Depression scores, Anxiety scores, Substance use, Life stress scores, Suicide Ideation, Attempt 12 months prior baseline

**Notes**

**List any major study limitations:** self-endorsed attempts

**Risk of bias table**

Item	Judgement	Description
Study Sample	Yes	
Loss to follow up	Unclear	
Prognostic factor	Unclear	
Outcome of interest	Yes	
Potential confounders	Yes	
Statistical analysis	Yes	

**YEO1993**

**Methods**

**Study Design:** Prospective cohort study in UK

**Recruitment setting:** patients admitted for DSH

**Participants**

**Study length:** 6 months

**N used in analysis:** 178

**History of self-harm:** 68% DSH history

**Diagnosis:** 54% have psychiatric history (psychotic illness, substance misuse)

**Age:** Mean 30







**Gender:** 62% female

**Interventions**

**Outcomes****Risk and Protective factors**

history of childhood sexual abuse

**Notes****List any major study limitations:** n/a**Risk of bias table**

<b>Item</b>	<b>Judgement</b>	<b>Description</b>
Study Sample	Yes 	
Loss to follow up	Unclear 	
Prognostic factor	Yes 	
Outcome of interest	Yes 	
Potential confounders	Unclear 	
Statistical analysis	Yes 	

**AL2010****Reason for exclusion**

in Turkish

**BAKKEN2007****Reason for exclusion**

Alcohol dependent population without index episode

**BARKER2008****Reason for exclusion**

outcomes not reportable

**BERGMAN1991****Reason for exclusion**

No relevant outcomes. Population focused on battered wives

**BORKGES2008****Reason for exclusion**

Non-clinical population

**BRADVIK2003****Reason for exclusion**

No relevant outcomes

**BRAMNESS2010**

Reason for exclusion                      Non-clinical population

**BREZO2008**

Reason for exclusion                      Non-clinical population

**CARTER2006**

Reason for exclusion                      didn't report future repetition of self harm

**CHIU1996**

Reason for exclusion                      No relevant outcomes

**COOPER2000**

Reason for exclusion                      head banging behaviour

**FAITWEATHER-SCHMIDT2010**

Reason for exclusion                      Non-clinical population

**GOLLUST2008**

Reason for exclusion                      Non-clinical population

**GREENFIELD2008**

Reason for exclusion                      Population (children) not 100% clinical.

**HAAVISTO2005**

Reason for exclusion                      Non-clinical population

**HENGEVELD1991**

Reason for exclusion                      No relevant outcomes

**JOINER2000**

Reason for exclusion                      Population recruited for ideation only



**KING1995**

Reason for exclusion      Only 19% hospitalized for attempts. Outcomes unavailable

**KREITMAN1988**

Reason for exclusion      No relevant outcomes

**LADWIG2010**

Reason for exclusion      Look at factors for ideation

**LARSSON2008**

Reason for exclusion      Non-clinical population

**LIN2010**

Reason for exclusion      Non-clinical population

**LUNDH2011**

Reason for exclusion      Non-clinical population

**MELLESDAL2010**

Reason for exclusion      Admissions not 100% due to self-harm. Some admitted for other reasons

**NOLL2003**

Reason for exclusion      Non-clinical population

**NORGATE1996**

Reason for exclusion      No relevant outcomes

**NRUGHAM2010**

Reason for exclusion      Non-clinical population

**ONEN2010**

Reason for exclusion      in Turkish

**OQUENDO2007**

Reason for exclusion      Did not report prospective attempts.

**PLATT1991**

Reason for exclusion      No relevant outcomes

**POMPILI2010**

Reason for exclusion      in Italian

**ROBERTSON1996**

Reason for exclusion      No relevant outcomes

**RYGNESTAD1988**

Reason for exclusion      No relevant outcomes

**SHIN2009**

Reason for exclusion      Non-clinical population

**SKEGG2003**

Reason for exclusion      Non-clinical population

**SOURANDER2006**

Reason for exclusion      Non-clinical population

**SUOMINEN2004**

Reason for exclusion      No relevant outcomes

**TSOI1987**

Reason for exclusion      No relevant outcomes

**WICHSTROM2009**

Reason for exclusion      Non-clinical population

**YATES2008a**

Reason for exclusion

Non-clinical population

**YATES2008b**

Reason for exclusion

Non-clinical population