Online supplement:

References for theories/models

Biological models: The diathesis-stress model ([Mann and Rizk, 2020](#_ENREF_73))

Psychological/cognitive models: hopelessness ([Beck et al., 1985](#_ENREF_16), [Beck et al., 1990](#_ENREF_14)) , escape theory ([Baumeister, 1990](#_ENREF_12)), cry of pain model ([Williams, 2001](#_ENREF_113)) and psychache theory ([Shneidman, 1993](#_ENREF_95)) .

Social models: Durkheim’s theory([Durkheim, 1951](#_ENREF_33)) is well known social model of suicide.

Integrative models :Interpersonal theory ([Joiner, 2005](#_ENREF_61), [Van Orden et al., 2010](#_ENREF_107)), the integrated motivational-volitional model (IMV) ([O'Connor and Kirtley, 2018](#_ENREF_83)) and three-step theory (3ST) ([Klonsky and May, 2015](#_ENREF_67), [Klonsky et al., 2018](#_ENREF_68)).

Other models: Emotion dysregulation ([Linehan, 1993](#_ENREF_69)), Anti-suicide Model ([Suyemoto, 1998](#_ENREF_102)), Anti-dissociation Model([Gunderson, 1984](#_ENREF_45)), Self-punishment model ([Linehan, 1993](#_ENREF_69), [Klonsky, 2007](#_ENREF_66))

References for the risk factors

***Demographic and social factors***

*Low educational achievement* ([Burrows et al., 2011](#_ENREF_25), [Crump et al., 2014](#_ENREF_28), [Denney et al., 2009](#_ENREF_30), [Gravseth et al., 2010](#_ENREF_44), [Lorant et al., 2005](#_ENREF_71), [Yi and Hong, 2015](#_ENREF_114))

*Unemployment* ([Andrés et al., 2010](#_ENREF_8), [Blakely et al., 2003](#_ENREF_20), [Guseva Canu et al., 2019](#_ENREF_47), [Ishii et al., 2013](#_ENREF_58), [Brown et al., 2000](#_ENREF_23), [Waern et al., 2003](#_ENREF_108), [Inoue et al., 2007](#_ENREF_57), [Bastia and Kar, 2009](#_ENREF_11))

*Low-income* ([Andrés et al., 2010](#_ENREF_8))

*Homelessness* ([Haw et al., 2006](#_ENREF_52), [Bickley et al., 2006](#_ENREF_17), [Barak et al., 2004](#_ENREF_10), [Babidge et al., 2001](#_ENREF_9))

*Lower socioeconomic status* ([Lundin et al., 2012](#_ENREF_72))

*Being single, divorced or widowed* ([Burrows et al., 2011](#_ENREF_25), [Crump et al., 2014](#_ENREF_28), [Denney et al., 2009](#_ENREF_30), [Erlangsen et al., 2004](#_ENREF_36), [Fukuchi et al., 2013](#_ENREF_42), [Hedna et al., 2018](#_ENREF_53), [Smith et al., 2018](#_ENREF_97))

*Childhood abuse* ([Renaud et al., 1999](#_ENREF_90), [Plunkett et al., 2001](#_ENREF_84), [Brent et al., 1994](#_ENREF_22), [Brent et al., 1999](#_ENREF_21)) or

*Combat exposure* ([Kang and Bullman, 2008](#_ENREF_62), [Bullman and Kang, 1996](#_ENREF_24), [Adams et al., 1998](#_ENREF_2)) or

*Incarceration* ([Fruehwald et al., 2000](#_ENREF_41), [Fazel et al., 2008](#_ENREF_40), [Kariminia et al., 2007](#_ENREF_64), [Binswanger et al., 2007](#_ENREF_18))

*Exposure to family conflicts or violence* ([Waern et al., 2003](#_ENREF_108), [Samaraweera et al., 2008](#_ENREF_92), [Gururaj et al., 2004](#_ENREF_46), [Duberstein et al., 2004](#_ENREF_31), [Bastia and Kar, 2009](#_ENREF_11))

***Psychiatric Disorders***

*Any mental disorder* ([Allebeck and Allgulander, 1990b](#_ENREF_4), [Crump et al., 2014](#_ENREF_28), [Gravseth et al., 2010](#_ENREF_44), [Hansson et al., 2018](#_ENREF_49), [Ilgen et al., 2010](#_ENREF_56), [Stenbacka and Jokinen, 2015](#_ENREF_99), [Weiser et al., 2016](#_ENREF_111), [Allebeck and Allgulander, 1990a](#_ENREF_3), [Tidemalm et al., 2008](#_ENREF_105), [Wilcox et al., 2004](#_ENREF_112), [Nock et al., 2009](#_ENREF_81), [Moskos et al., 2005](#_ENREF_80), [Harris and Barraclough, 1997](#_ENREF_50))

*Depression* ([Aaltonen et al., 2019](#_ENREF_1), [Almeida et al., 2016](#_ENREF_6), [Crump et al., 2014](#_ENREF_28), [Fairweather-Schmidt et al., 2010](#_ENREF_38), [Hansson et al., 2018](#_ENREF_49), [Ilgen et al., 2010](#_ENREF_56), [Quevedo et al., 2011](#_ENREF_88), [Skogman et al., 2004](#_ENREF_96), [Sun et al., 2012](#_ENREF_100), [Tidemalm et al., 2014](#_ENREF_104), [Tidemalm et al., 2008](#_ENREF_105), [Yi and Hong, 2015](#_ENREF_114))

*Schizophrenia* ([Allebeck and Allgulander, 1990a](#_ENREF_3), [Allebeck and Allgulander, 1990b](#_ENREF_4), [Crump et al., 2014](#_ENREF_28), [Ilgen et al., 2010](#_ENREF_56), [Tidemalm et al., 2008](#_ENREF_105))

*Bipolar disorders* ([Almeida et al., 2016](#_ENREF_6), [Crump et al., 2014](#_ENREF_28), [Ilgen et al., 2010](#_ENREF_56), [Tidemalm et al., 2008](#_ENREF_105))

*Personality disorders* ([Allebeck and Allgulander, 1990a](#_ENREF_3), [Allebeck et al., 1988](#_ENREF_5), [Crump et al., 2014](#_ENREF_28), [Tidemalm et al., 2008](#_ENREF_105))

***Autism spectrum disorder*** and ***attention deficit hyperactivity disorder***([University of Manchester, 2024](#_ENREF_106))

***Alcohol and substance abuse*** ([Tidemalm et al., 2008](#_ENREF_105), [Aaltonen et al., 2019](#_ENREF_1), [Almeida et al., 2016](#_ENREF_6), [Crump et al., 2014](#_ENREF_28), [Hansson et al., 2018](#_ENREF_49), [Ilgen et al., 2010](#_ENREF_56), [Jee et al., 2011](#_ENREF_59), [Monnin et al., 2012](#_ENREF_79), [Shalit et al., 2016](#_ENREF_94), [Stenbacka and Jokinen, 2015](#_ENREF_99))

***Physical illness*** ([Almeida et al., 2016](#_ENREF_6), [Crump et al., 2014](#_ENREF_28), [Elovainio et al., 2009](#_ENREF_34), [Jee et al., 2011](#_ENREF_59), [Kaplan et al., 2007](#_ENREF_63), [Kikuchi et al., 2009](#_ENREF_65), [Walker et al., 2008](#_ENREF_110), [Miller et al., 2008](#_ENREF_78), [Llorente et al., 2005](#_ENREF_70), [Hem et al., 2004](#_ENREF_54), [Bastia and Kar, 2009](#_ENREF_11), [Fang et al., 2008](#_ENREF_39), [Blackmore et al., 2008](#_ENREF_19))

***Personality and Psychological Factors***

*Low IQ and Poor Cognitive Function* ([Andersson et al., 2008](#_ENREF_7), [Gravseth et al., 2010](#_ENREF_44), [Stenbacka and Jokinen, 2015](#_ENREF_99))

*Impulsivity* ([Dalca et al., 2013](#_ENREF_29), [Dumais et al., 2005](#_ENREF_32), [Maser et al., 2002](#_ENREF_74), [McGirr et al., 2007](#_ENREF_75), [McGirr et al., 2008](#_ENREF_76), [Renaud et al., 2008](#_ENREF_89), [Zouk et al., 2006](#_ENREF_116))

*Problem solving deficits* ([Evans et al., 1992](#_ENREF_37), [Pollock and Williams, 2001](#_ENREF_85), [Pollock and Williams, 2004](#_ENREF_86), [Jeglic et al., 2005](#_ENREF_60), [Rudd et al., 1994](#_ENREF_91), [Schotte and Clum, 1982](#_ENREF_93))

*Hopelessness*  ([Beck et al., 1989](#_ENREF_15), [Beck et al., 1985](#_ENREF_16), [Brown et al., 2000](#_ENREF_23), [Huth-Bocks et al., 2007](#_ENREF_55), [McMillan et al., 2007](#_ENREF_77), [Nock and Kazdin, 2002](#_ENREF_82), [Smith et al., 2006](#_ENREF_98), [Suominen et al., 2004](#_ENREF_101), [Wagner et al., 2000](#_ENREF_109))

*Thwarted Belongingness* and *Perceived Burdensomeness* ([Van Orden et al., 2010](#_ENREF_107))

*Acquired Capability to Enact Harm (*[*Van Orden et al., 2010*](#_ENREF_107)*)*

***Previous Suicide Attempts:*** ([Erlangsen et al., 2012](#_ENREF_35), [Haglund et al., 2019](#_ENREF_48), [Zonda, 2006](#_ENREF_115), [Tidemalm et al., 2005](#_ENREF_103), [Pompili et al., 2009](#_ENREF_87), [Haw et al., 2007](#_ENREF_51), [Gibb et al., 2005](#_ENREF_43), [Coryell and Young, 2005](#_ENREF_27), [Christiansen and Jensen, 2007](#_ENREF_26), [Beautrais, 2002](#_ENREF_13)) and is the single best predictor of eventual suicide ([Van Orden et al., 2010](#_ENREF_107)).

**References**

Aaltonen KI, Isometsä E, Sund R, et al (2019) Risk factors for suicide in depression in Finland: first‐hospitalized patients followed up to 24 years. *Acta Psychiatrica Scandinavica,* 139**,** 154-163.

Adams DP, Barton C, Mitchell GL, et al (1998) Hearts and minds: suicide among United States combat troops in Vietnam, 1957-1973. *Soc Sci Med,* 47**,** 1687-94.

Allebeck P & Allgulander C (1990a) Psychiatric diagnoses as predictors of suicide: A comparison of diagnoses at conscription and in psychiatric care in a cohort of 50 465 young men. *The British Journal of Psychiatry,* 157**,** 339-344.

Allebeck P & Allgulander C (1990b) Suicide among young men: psychiatric illness, deviant behaviour and substance abuse. *Acta Psychiatrica Scandinavica,* 81**,** 565-570.

Allebeck P, Allgulander C & Fisher LD (1988) Predictors of completed suicide in a cohort of 50,465 young men: role of personality and deviant behaviour. *British Medical Journal,* 297**,** 176-178.

Almeida OP, McCaul K, Hankey GJ, et al (2016) Suicide in older men: The health in men cohort study (HIMS). *Preventive medicine,* 93**,** 33-38.

Andersson L, Allebeck P, Gustafsson JE, et al (2008) Association of IQ scores and school achievement with suicide in a 40‐year follow‐up of a Swedish cohort. *Acta Psychiatrica Scandinavica,* 118**,** 99-105.

Andrés AR, Collings S & Qin P (2010) Sex-specific impact of socio-economic factors on suicide risk: a population-based case–control study in Denmark. *European journal of public health,* 20**,** 265-270.

Babidge NC, Buhrich N & Butler T (2001) Mortality among homeless people with schizophrenia in Sydney, Australia: a 10-year follow-up. *Acta Psychiatr Scand,* 103**,** 105-10.

Barak Y, Cohen A & Aizenberg D (2004) Suicide among the homeless: a 9-year case-series analysis. *Crisis,* 25**,** 51-3.

Bastia BK & Kar N (2009) A psychological autopsy study of suicidal hanging from Cuttack, India: focus on stressful life situations. *Arch Suicide Res,* 13**,** 100-4.

Baumeister RF (1990) Suicide as escape from self. *Psychol Rev,* 97**,** 90-113.

Beautrais AL (2002) A case control study of suicide and attempted suicide in older adults. *Suicide Life Threat Behav,* 32**,** 1-9.

Beck AT, Brown G, Berchick RJ, et al (1990) Relationship between hopelessness and ultimate suicide: a replication with psychiatric outpatients. *The American journal of psychiatry,* 147**,** 190-5.

Beck AT, Brown G & Steer RA (1989) Prediction of eventual suicide in psychiatric inpatients by clinical ratings of hopelessness. *J Consult Clin Psychol,* 57**,** 309-10.

Beck AT, Steer RA, Kovacs M, et al (1985) Hopelessness and eventual suicide: a 10-year prospective study of patients hospitalized with suicidal ideation. *Am J Psychiatry,* 142**,** 559-63.

Bickley H, Kapur N, Hunt IM, et al (2006) Suicide in the homeless within 12 months of contact with mental health services : a national clinical survey in the UK. *Soc Psychiatry Psychiatr Epidemiol,* 41**,** 686-91.

Binswanger IA, Stern MF, Deyo RA, et al (2007) Release from prison--a high risk of death for former inmates. *N Engl J Med,* 356**,** 157-65.

Blackmore ER, Munce S, Weller I, et al (2008) Psychosocial and clinical correlates of suicidal acts: results from a national population survey. *Br J Psychiatry,* 192**,** 279-84.

Blakely TA, Collings SC & Atkinson J (2003) Unemployment and suicide. Evidence for a causal association? *J Epidemiol Community Health,* 57**,** 594-600.

Brent DA, Baugher M, Bridge J, et al (1999) Age- and sex-related risk factors for adolescent suicide. *J Am Acad Child Adolesc Psychiatry,* 38**,** 1497-505.

Brent DA, Perper JA, Moritz G, et al (1994) Familial risk factors for adolescent suicide: a case-control study. *Acta Psychiatr Scand,* 89**,** 52-8.

Brown GK, Beck AT, Steer RA, et al (2000) Risk factors for suicide in psychiatric outpatients: a 20-year prospective study. *J Consult Clin Psychol,* 68**,** 371-7.

Bullman TA & Kang HK (1996) The risk of suicide among wounded Vietnam veterans. *Am J Public Health,* 86**,** 662-7.

Burrows S, Auger N, Gamache P, et al (2011) Influence of social and material individual and area deprivation on suicide mortality among 2.7 million Canadians: a prospective study. *BMC public health,* 11**,** 577-577.

Christiansen E & Jensen BF (2007) Risk of repetition of suicide attempt, suicide or all deaths after an episode of attempted suicide: a register-based survival analysis. *Aust N Z J Psychiatry,* 41**,** 257-65.

Coryell W & Young EA (2005) Clinical predictors of suicide in primary major depressive disorder. *J Clin Psychiatry,* 66**,** 412-7.

Crump C, Sundquist K, Sundquist J, et al (2014) Sociodemographic, psychiatric and somatic risk factors for suicide: a Swedish national cohort study. *Psychological medicine,* 44**,** 279-289.

Dalca IM, McGirr A, Renaud J, et al (2013) Gender-specific suicide risk factors: a case-control study of individuals with major depressive disorder. *J Clin Psychiatry,* 74**,** 1209-16.

Denney JT, Rogers RG, Krueger PM, et al (2009) Adult suicide mortality in the United States: marital status, family size, socioeconomic status, and differences by sex. *Social science quarterly,* 90**,** 1167-1185.

Duberstein PR, Conwell Y, Conner KR, et al (2004) Poor social integration and suicide: fact or artifact? A case-control study. *Psychol Med,* 34**,** 1331-7.

Dumais A, Lesage AD, Alda M, et al (2005) Risk factors for suicide completion in major depression: a case-control study of impulsive and aggressive behaviors in men. *Am J Psychiatry,* 162**,** 2116-24.

Durkheim É (1951) *Suicide, a study in sociology,* Glencoe, Ill., Free Press.

Elovainio M, Shipley MJ, Ferrie JE, et al (2009) Obesity, unexplained weight loss and suicide: the original Whitehall study. *Journal of Affective Disorders,* 116**,** 218-221.

Erlangsen A, Eaton WW, Mortensen PB, et al (2012) Schizophrenia — A predictor of suicide during the second half of life? *Schizophrenia research,* 134**,** 111-117.

Erlangsen A, Jeune B, Bille-Brahe U, et al (2004) Loss of partner and suicide risks among oldest old: a population-based register study. *Age and ageing,* 33**,** 378-383.

Evans J, Williams JM, O'Loughlin S, et al (1992) Autobiographical memory and problem-solving strategies of parasuicide patients. *Psychol Med,* 22**,** 399-405.

Fairweather-Schmidt AK, Anstey KJ, Salim A, et al (2010) Baseline factors predictive of serious suicidality at follow-up: findings focussing on age and gender from a community-based study. *BMC psychiatry,* 10**,** 1-10.

Fang F, Valdimarsdóttir U, Fürst CJ, et al (2008) Suicide among patients with amyotrophic lateral sclerosis. *Brain,* 131**,** 2729-33.

Fazel S, Cartwright J, Norman-Nott A, et al (2008) Suicide in prisoners: a systematic review of risk factors. *J Clin Psychiatry,* 69**,** 1721-31.

Fruehwald S, Frottier P, Eher R, et al (2000) Fifty years of prison suicide in Austria: does legislation have an impact? *Suicide Life Threat Behav,* 30**,** 272-81.

Fukuchi N, Kakizaki M, Sugawara Y, et al (2013) Association of marital status with the incidence of suicide: a population-based Cohort Study in Japan (Miyagi cohort study). *Journal of Affective Disorders,* 150**,** 879-885.

Gibb SJ, Beautrais AL & Fergusson DM (2005) Mortality and further suicidal behaviour after an index suicide attempt: a 10-year study. *Aust N Z J Psychiatry,* 39**,** 95-100.

Gravseth HM, Mehlum L, Bjerkedal T, et al (2010) Suicide in young Norwegians in a life course perspective: population-based cohort study. *Journal of Epidemiology & Community Health,* 64**,** 407-412.

Gunderson JG (1984) *Borderline personality disorder,* Washington, D.C., American Psychiatric Press.

Gururaj G, Isaac MK, Subbakrishna DK, et al (2004) Risk factors for completed suicides: a case-control study from Bangalore, India. *Inj Control Saf Promot,* 11**,** 183-91.

Guseva Canu I, Bovio N, Mediouni Z, et al (2019) Suicide mortality follow-up of the Swiss National Cohort (1990–2014): sex-specific risk estimates by occupational socio-economic group in working-age population. *Social psychiatry and psychiatric epidemiology,* 54**,** 1483-1495.

Haglund A, Lysell H, Larsson H, et al (2019) Suicide Immediately After Discharge From Psychiatric Inpatient Care: A Cohort Study of Nearly 2.9 Million Discharges. *J Clin Psychiatry,* 80.

Hansson C, Joas E, Pålsson E, et al (2018) Risk factors for suicide in bipolar disorder: a cohort study of 12 850 patients. *Acta Psychiatr Scand,* 138**,** 456-463.

Harris EC & Barraclough B (1997) Suicide as an outcome for mental disorders. A meta-analysis. *Br J Psychiatry,* 170**,** 205-28.

Haw C, Bergen H, Casey D, et al (2007) Repetition of deliberate self-harm: a study of the characteristics and subsequent deaths in patients presenting to a general hospital according to extent of repetition. *Suicide Life Threat Behav,* 37**,** 379-96.

Haw C, Hawton K & Casey D (2006) Deliberate self-harm patients of no fixed abode: a study of characteristics and subsequent deaths in patients presenting to a general hospital. *Soc Psychiatry Psychiatr Epidemiol,* 41**,** 918-25.

Hedna K, Andersson Sundell K, Hensing G, et al (2018) Late-life suicidal behaviours among new users of antidepressants: a prospective population-based study of sociodemographic and gender factors in those aged 75 and above. *BMJ open,* 8**,** e022703-e022703.

Hem E, Loge JH, Haldorsen T, et al (2004) Suicide risk in cancer patients from 1960 to 1999. *J Clin Oncol,* 22**,** 4209-16.

Huth-Bocks AC, Kerr DCR, Ivey AZ, et al (2007) Assessment of psychiatrically hospitalized suicidal adolescents: self-report instruments as predictors of suicidal thoughts and behavior. *J Am Acad Child Adolesc Psychiatry,* 46**,** 387-395.

Ilgen MA, Bohnert AS, Ignacio RV, et al (2010) Psychiatric diagnoses and risk of suicide in veterans. *Archives of general psychiatry,* 67**,** 1152-1158.

Inoue K, Tanii H, Kaiya H, et al (2007) The correlation between unemployment and suicide rates in Japan between 1978 and 2004. *Leg Med (Tokyo),* 9**,** 139-42.

Ishii N, Terao T, Araki Y, et al (2013) Risk factors for suicide in Japan: a model of predicting suicide in 2008 by risk factors of 2007. *Journal of affective disorders,* 147**,** 352-354.

Jee SH, Kivimaki M, Kang H-C, et al (2011) Cardiovascular disease risk factors in relation to suicide mortality in Asia: prospective cohort study of over one million Korean men and women. *European Heart Journal,* 32**,** 2773-2780.

Jeglic EL, Sharp IR, Chapman JE, et al (2005) History of family suicide behaviors and negative problem solving in multiple suicide attempters. *Arch Suicide Res,* 9**,** 135-46.

Joiner TE (2005) *Why people die by suicide,* Cambridge,MA, Harvard University Press.

Kang HK & Bullman TA (2008) Risk of suicide among US veterans after returning from the Iraq or Afghanistan war zones. *Jama,* 300**,** 652-3.

Kaplan MS, Huguet N, McFarland BH, et al (2007) Suicide among male veterans: a prospective population-based study. *Journal of Epidemiology & Community Health,* 61**,** 619-624.

Kariminia A, Butler T, Corben S, et al (2007) Extreme cause-specific mortality in a cohort of adult prisoners--1988 to 2002: a data-linkage study. *Int J Epidemiol,* 36**,** 310-6.

Kikuchi N, Ohmori-Matsuda K, Shimazu T, et al (2009) Pain and risk of completed suicide in Japanese men: a population-based cohort study in Japan (Ohsaki Cohort Study). *Journal of pain and symptom management,* 37**,** 316-324.

Klonsky ED (2007) The functions of deliberate self-injury: a review of the evidence. *Clin Psychol Rev,* 27**,** 226-39.

Klonsky ED & May AM (2015) The Three-Step Theory (3ST): A New Theory of Suicide Rooted in the “Ideation-to-Action” Framework. *International Journal of Cognitive Therapy,* 8**,** 114-129.

Klonsky ED, Saffer BY & Bryan CJ (2018) Ideation-to-action theories of suicide: a conceptual and empirical update. *Curr Opin Psychol,* 22**,** 38-43.

Linehan MM (1993) *Cognitive-behavioral treatment of borderline personality disorder,* New York, Guilford Press.

Llorente MD, Burke M, Gregory GR, et al (2005) Prostate cancer: a significant risk factor for late-life suicide. *Am J Geriatr Psychiatry,* 13**,** 195-201.

Lorant V, Kunst AE, Huisman M, et al (2005) Socio-economic inequalities in suicide: a European comparative study. *The British journal of psychiatry,* 187**,** 49-54.

Lundin A, Lundberg I, Allebeck P, et al (2012) Unemployment and suicide in the Stockholm population: a register-based study on 771,068 men and women. *Public health,* 126**,** 371-377.

Mann JJ & Rizk MM (2020) A Brain-Centric Model of Suicidal Behavior. *Am J Psychiatry,* 177**,** 902-916.

Maser JD, Akiskal HS, Schettler P, et al (2002) Can temperament identify affectively ill patients who engage in lethal or near-lethal suicidal behavior? A 14-year prospective study. *Suicide Life Threat Behav,* 32**,** 10-32.

McGirr A, Paris J, Lesage A, et al (2007) Risk factors for suicide completion in borderline personality disorder: a case-control study of cluster B comorbidity and impulsive aggression. *J Clin Psychiatry,* 68**,** 721-9.

McGirr A, Renaud J, Bureau A, et al (2008) Impulsive-aggressive behaviours and completed suicide across the life cycle: a predisposition for younger age of suicide. *Psychol Med,* 38**,** 407-17.

McMillan D, Gilbody S, Beresford E, et al (2007) Can we predict suicide and non-fatal self-harm with the Beck Hopelessness Scale? A meta-analysis. *Psychol Med,* 37**,** 769-78.

Miller M, Mogun H, Azrael D, et al (2008) Cancer and the risk of suicide in older Americans. *J Clin Oncol,* 26**,** 4720-4.

Monnin J, Thiemard E, Vandel P, et al (2012) Sociodemographic and psychopathological risk factors in repeated suicide attempts: gender differences in a prospective study. *Journal of affective disorders,* 136**,** 35-43.

Moskos M, Olson L, Halbern S, et al (2005) Utah youth suicide study: psychological autopsy. *Suicide Life Threat Behav,* 35**,** 536-46.

Nock MK, Hwang I, Sampson N, et al (2009) Cross-national analysis of the associations among mental disorders and suicidal behavior: findings from the WHO World Mental Health Surveys. *PLoS Med,* 6**,** e1000123.

Nock MK & Kazdin AE (2002) Examination of affective, cognitive, and behavioral factors and suicide-related outcomes in children and young adolescents. *J Clin Child Adolesc Psychol,* 31**,** 48-58.

O'Connor RC & Kirtley OJ (2018) The integrated motivational–volitional model of suicidal behaviour. *Philosophical Transactions of the Royal Society B: Biological Sciences,* 373**,** 20170268.

Plunkett A, O'Toole B, Swanston H, et al (2001) Suicide risk following child sexual abuse. *Ambul Pediatr,* 1**,** 262-6.

Pollock LR & Williams JM (2001) Effective problem solving in suicide attempters depends on specific autobiographical recall. *Suicide Life Threat Behav,* 31**,** 386-96.

Pollock LR & Williams JM (2004) Problem-solving in suicide attempters. *Psychol Med,* 34**,** 163-7.

Pompili M, Lester D, Grispini A, et al (2009) Completed suicide in schizophrenia: evidence from a case-control study. *Psychiatry Res,* 167**,** 251-7.

Quevedo L, da Silva RA, Coelho F, et al (2011) Risk of suicide and mixed episode in men in the postpartum period. *Journal of affective disorders,* 132**,** 243-246.

Renaud J, Berlim MT, McGirr A, et al (2008) Current psychiatric morbidity, aggression/impulsivity, and personality dimensions in child and adolescent suicide: a case-control study. *J Affect Disord,* 105**,** 221-8.

Renaud J, Brent DA, Birmaher B, et al (1999) Suicide in adolescents with disruptive disorders. *J Am Acad Child Adolesc Psychiatry,* 38**,** 846-51.

Rudd MD, Rajab MH & Dahm PF (1994) Problem-solving appraisal in suicide ideators and attempters. *Am J Orthopsychiatry,* 64**,** 136-49.

Samaraweera S, Sumathipala A, Siribaddana S, et al (2008) Completed suicide among Sinhalese in Sri Lanka: a psychological autopsy study. *Suicide Life Threat Behav,* 38**,** 221-8.

Schotte DE & Clum GA (1982) Suicide ideation in a college population: a test of a model. *J Consult Clin Psychol,* 50**,** 690-6.

Shalit N, Shoval G, Shlosberg D, et al (2016) The association between cannabis use and suicidality among men and women: A population-based longitudinal study. *Journal of affective disorders,* 205**,** 216-224.

Shneidman ES (1993) *Suicide as psychache : a clinical approach to self-destructive behavior,* Northvale, N.J. ;, J. Aronson.

Skogman K, Alsén M & Öjehagen A (2004) Sex differences in risk factors for suicide after attempted suicide: a follow-up study of 1052 suicide attempters. *Social psychiatry and psychiatric epidemiology,* 39**,** 113-120.

Smith DP, Calopedos R, Bang A, et al (2018) Increased risk of suicide in New South Wales men with prostate cancer: Analysis of linked population-wide data. *PLoS One,* 13**,** e0198679.

Smith JM, Alloy LB & Abramson LY (2006) Cognitive vulnerability to depression, rumination, hopelessness, and suicidal ideation: multiple pathways to self-injurious thinking. *Suicide Life Threat Behav,* 36**,** 443-54.

Stenbacka M & Jokinen J (2015) Violent and non-violent methods of attempted and completed suicide in Swedish young men: the role of early risk factors. *BMC psychiatry,* 15**,** 1-9.

Sun WJ, Xu L, Chan WM, et al (2012) Depressive symptoms and suicide in 56,000 older Chinese: a Hong Kong cohort study. *Social psychiatry and psychiatric epidemiology,* 47**,** 505-514.

Suominen K, Isometsä E, Ostamo A, et al (2004) Level of suicidal intent predicts overall mortality and suicide after attempted suicide: a 12-year follow-up study. *BMC Psychiatry,* 4**,** 11.

Suyemoto KL (1998) The functions of self-mutilation. *Clin Psychol Rev,* 18**,** 531-54.

Tidemalm D, Elofsson S, Stefansson CG, et al (2005) Predictors of suicide in a community-based cohort of individuals with severe mental disorder. *Soc Psychiatry Psychiatr Epidemiol,* 40**,** 595-600.

Tidemalm D, Haglund A, Karanti A, et al (2014) Attempted suicide in bipolar disorder: risk factors in a cohort of 6086 patients. *PLOS one,* 9**,** e94097.

Tidemalm D, Långström N, Lichtenstein P, et al (2008) Risk of suicide after suicide attempt according to coexisting psychiatric disorder: Swedish cohort study with long term follow-up. *Bmj,* 337.

University of Manchester (2024) The National Confidential Inquiry into Suicide and Safety in Mental Health. Annual Report: UK patient and general population data, 2011-2021.

Van Orden KA, Witte TK, Cukrowicz KC, et al (2010) The interpersonal theory of suicide. *Psychol Rev,* 117**,** 575-600.

Waern M, Rubenowitz E & Wilhelmson K (2003) Predictors of suicide in the old elderly. *Gerontology,* 49**,** 328-34.

Wagner KD, Rouleau M & Joiner T (2000) Cognitive factors related to suicidal ideation and resolution in psychiatrically hospitalized children and adolescents. *Am J Psychiatry,* 157**,** 2017-21.

Walker J, Waters RA, Murray G, et al (2008) Better off dead: suicidal thoughts in cancer patients. *J Clin Oncol,* 26**,** 4725-30.

Weiser M, Goldberg S, Werbeloff N, et al (2016) Risk of completed suicide in 89,049 young males assessed by a mental health professional. *European neuropsychopharmacology,* 26**,** 341-349.

Wilcox HC, Conner KR & Caine ED (2004) Association of alcohol and drug use disorders and completed suicide: an empirical review of cohort studies. *Drug Alcohol Depend,* 76 Suppl**,** S11-9.

Williams JMG (2001) *The cry of pain,* London, UK, Penguin.

Yi S-W & Hong J-S (2015) Depressive symptoms and other risk factors predicting suicide in middle-aged men: a prospective cohort study among Korean Vietnam War veterans. *PeerJ,* 3**,** e1071.

Zonda T (2006) One-hundred cases of suicide in Budapest: a case-controlled psychological autopsy study. *Crisis,* 27**,** 125-9.

Zouk H, Tousignant M, Seguin M, et al (2006) Characterization of impulsivity in suicide completers: clinical, behavioral and psychosocial dimensions. *J Affect Disord,* 92**,** 195-204.