Supplementaire bijlage literatuurstudie opwindingsdelier.

Inhoudsopgave:

1. Belangrijke bronnen van het medisch-wetenschappelijke en maatschappelijke debat (p2-3)
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9. Belangrijke bronnen van het medisch-wetenschappelijke en maatschappelijke debat

2017

* Onderzoek van Reuters naar de financiële banden tussen prominente opwindingsdelier-onderzoekers en fabrikanten van stroomstootwapens en politie-afdelingen (<https://www.reuters.com/article/us-usa-taser-experts-specialreport-idUSKCN1B417N>).
* Media uitzending met interview met hoogleraren intensive care geneeskunde over het overlijden van Mitch Henriquez en het bestaan van het acute stress-syndroom (<https://www.vpro.nl/argos/media/afleveringen/2017/Waaraan-overleed-Mitch-Henriquez-.html>).

2018

* Onderzoek naar de oververtegenwoordiging van GGZ-patiënten onder slachtoffers van dodelijk politiegeweld in de Verenigde Staten (Saleh AZ, Appelbaum PS, LiuX e.a. Deaths of people with mental illness during interactions with law enforcement Int J Law Psychiatry 2018 May-Jun;58:110-116. PMID 29853001).

2020

* American Psychiatric Association (APA) neemt afstand van het gebruik van de term opwindingsdelier (<https://www.psychiatry.org/getattachment/7769e617-ee6a-4a89-829f-4fc71d831ce0/Position-Use-of-Term-Excited-Delirium.pdf>).
* Uitzending van ’60 minutes’ van CBS News over het misbruik van het opwindingsdelier om doodslag door politie te verdoezelen (<https://www.cbsnews.com/news/excited-delirium-police-custody-george-floyd-60-minutes-2020-12-13/>).
* Nederlands onderzoek van een samenwerking tussen Investico, De Groene Amsterdammer en Trouw waarin politieagenten geïnterviewd worden over hun ervaring met de omgang met verwarde personen (<https://www.trouw.nl/binnenland/agenten-voelen-zich-gedwongen-tot-geweld-tegen-mensen-in-psychische-nood~b2dc5d1b/> en <https://www.groene.nl/artikel/niet-gek-genoeg>).
* Onderzoek van organisatie Controle Alt Delete waarin uit publieke bronnen informatie wordt bijgehouden van personen die komen te overlijden tijdens of na politiegeweld, en hoe vaak er hierin sprake is van verward gedrag (<https://pointer.kro-ncrv.nl/aantal-doden-bij-politie-ingrijpen-in-2020-bijna-verdubbeld-merendeel-vertoonde-verward-gedrag> en <https://controlealtdelete.nl/dossier-politiedoden>).

2021

* Onderzoek van New York Times naar financiële banden tussen experts over opwindingsdelier die als getuige optreden voor politie-afdelingen na overlijden van personen door een mogelijk opwindingsdelier (<https://www.nytimes.com/2021/12/26/us/police-deaths-in-custody-blame.html>).
* Kritisch artikel in het British Medical Journal of het gebrek aan wetenschappelijk bewijs voor de diagnose opwindingsdelier (Rimmer A, Excited delirium: what’s the evidence for its use in medicine? BMJ 2021;373:n1156. PMID 33952574).
* Position-statement van de American Medical Association waarin afstand wordt genomen van het opwindingsdelier en wordt aangekaart dat het misbruikt wordt bij o.a. minderheden (<https://www.ama-assn.org/press-center/press-releases/new-ama-policy-opposes-excited-delirium-diagnosis>).

2022

* Opinie in de Lancet waarin wordt gepleit om het gebruik van opwindingsdelier als doodsoorzaak af te schaffen (Saadi A, Naples-Mitchell J, da Silva Bhatia B e.a. End the use of “excited delirium” as a cause of death in police custody Lancet 2022 Mar 12;399(10329):1028-1030. PMID 35247310).
* Uitgebreid onderzoek van ‘Physicians for Human Rights’ waarin de wetenschappelijke basis van het opwindingsdelier wordt bekritiseerd (<https://phr.org/our-work/resources/excited-delirium>).
* Nederlands onderzoek van dodelijk politiegeweld door Bureau Beke waarin wordt aangetoond dat veel van de personen die komen te overlijden in beeld komen als ‘verward persoon.’ Ook het opwindingsdelier wordt genoemd bij doodsoorzaken (<https://bureaubeke.nl/wp-content/uploads/2022/02/Download_Bekereeks_Fatale_politie_incidenten.pdf>).
1. Epidemiologische data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1e auteur | Jaar | Context | Land | Periode | Incidentie EDS | N (EDS/totaal) |
| Stratton | 2001 | SEH | VS | ’93-‘96 | 0.02% van de ALS ambulanceritten | 188/785.020 |
| Das | 2009 | Forensisch | NL | ’00-‘04 | 5 gevallen in politiecellen in Amsterdam in een periode van 4 jaar | 5/- |
| Strote | 2010 | SEH | VS | ’01-‘06 | 0.4% van personen die getaserd werden door politie | 4/1101 |
| Hall | 2013 | Politie | Canada | ’06-‘09 | 2.9% van personen die met geweld gearresteerd werden | 37/1269 |
| Strote | 2014 | Politie | VS | ‘08-‘11 | 0.004 per 100.000 burgers per jaar | 66/608.600 |
| Hall | 2015 | Politie | Canada | ’06-13 | 2.0% van personen die met geweld gearresteerd werden | 86/4373 |
| Baldwin | 2016 | Politie | Canada | ’12-‘13 | 1.5% van personen die met geweld gearresteerd werden | 73/4799 |
| Baldwin | 2018 | Politie | Canada | ’12-‘15 | 1.7% van personen die met geweld gearresteerd werden | 156/9006 |
| Mo | 2020 | SEH | VS | ’17-‘18 | 0.06% van SEH-patiënten | 37/570.000 |

EDS = Excited Delirium Syndrome (opwindsingsdelier)

1. Patiëntkarakteristieken

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1e auteur | Jaar | N | Leeftijd (gemiddeld) | Leeftijd (range) | Geslacht (% man) |
| Wetli | 1985 | 7 | 29 | 24-37 | 86% |
| O'Halloran | 1993 | 11 | - | 14-44 | 100% |
| Stratton | 1995 | 2 | 33 | 30-35 | 100% |
| Ruttenber | 1997 | 58 | 31 | - | 93% |
| Ross | 1998 | 61 | 32 | 16-44 | 97% |
| Pollanen | 1998 | 21 | 33 | - | 95% |
| Hick | 1999 | 5 | - | 30-39 | 100% |
| Blaho | 2000 | 2 | 28 | 22-33 | 100% |
| Allam | 2001 | 1 | 25 | 25 | 100% |
| Morrison | 2001 | 1 | 25 | 25 | 100% |
| Stratton | 2001 | 18 | 32 | 24-44 | - |
| Mash | 2002 | 8 | 35 | - | 88% |
| Mash | 2003 | 8 | 32 | - | 100% |
| Pestaner | 2003 | 2 | 32 | 31-33 | 100% |
| Channa Perera | 2007 | 1 | 37 | 37 | 100% |
| Bunai | 2008 | 1 | 39 | 39 | 100% |
| Mash | 2009 | 90 | 34 | - | 91% |
| Grant | 2009 | 62 | 38 | - | 94% |
| Das | 2009 | 3 | 32 | 30-33 | 100% |
| Paterson | 2009 | 3 | 29 | 27-32 | 100% |
| Kiely | 2009 | 1 | 49 | 49 | 100% |
| Samuel | 2009 | 1 | 34 | 34 | 100% |
| Strote | 2010 | 4 | 38 | 32-42 | 100% |
| Lucena | 2010 | 3 | 36 | 26-43 | 100% |
| Lusthof | 2011 | 1 | 36 | 36 | 100% |
| Le Cong | 2012 | 18 | - | 12-43 | - |
| Burnett | 2012 | 13 | - | 24-61 | 62% |
| Penders | 2012 | 3 | 29 | 26-31 | 100% |
| Kodikara | 2012 | 2 | 36 | 31-41 | 100% |
| Murray | 2012 | 1 | 40 | 40 | 100% |
| Plush | 2013 | 1 | 48 | 48 | 100% |
| Kesha | 2013 | 1 | 39 | 39 | 100% |
| Bozeman | 2013 | 1 | 30 | 30 | 100% |
| Strote | 2014 | 43 | 30 | 21-56 | 95% |
| Maher | 2014 | 1 | 44 | 44 | 100% |
| Jovel | 2014 | 1 | 20 | 20 | 100% |
| Iwanicki | 2014 | 35 | 30 | - | 83% |
| Shields | 2015 | 1 | 38 | 38 | 100% |
| Michaud | 2016 | 14 | 36 | - | 100% |
| Labay | 2016 | 2 | 27 | 23-41 | 100% |
| Kristofic | 2016 | 1 | 23 | 23 | 100% |
| Byard | 2016 | 1 | 19 | 19 | 100% |
| Olives | 2016 | 135 | 31 | 24-42 | 80% |
| Scaggs | 2016 | 7 | - | 18-41 | 86% |
| Desharnais | 2017 | 1 | 42 | 42 | 100% |
| Pombo | 2017 | 1 | 26 | 26 | 100% |
| Riddell | 2017 | 98 | - | 18-63 | 78% |
| Roosens | 2017 | 1 | 25 | 25 | 100% |
| Kunz | 2018 | 1 | 39 | 39 | 100% |
| Debelmas | 2018 | 1 | 21 | 21 | 100% |
| Corstens | 2018 | 1 | 51 | 51 | 100% |
| Cole | 2018 | 49 | - | 18-66 | 76% |
| Kennedy | 2018 | 1 | 37 | 37 | 100% |
| Śliwicka | 2019 | 3 | 37 | 36-39 | 100% |
| Vilke | 2019 | 21 | 36 | - | 81% |
| Li | 2019 | 31 | 39 | - | 77% |
| Van Wonderen | 2020 | 2 | 20 | 20 | 100% |
| Mo | 2020 | 37 | - | - | 70% |
| Kunz | 2021 | 1 | 25 | 25 | 0% |

1. Etiologie van opwindingsdelier

Geïncludeerd zijn alle grotere studies (n>20) die keken naar zowel drugsgebruik als psychiatrische stoornissen als oorzaak.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1e auteur | Jaar | N | Drugs | Psychiatrisch |
| % | Welke | % | Welke |
| Pollanen | 1998 | 21 | 38% | Cocaïne | 57% | ‘Psychiatrische stoornis’ |
| Strote | 2014 | 43 | 79% | Multipositief (55%), cocaine (36%), amfetamine (24%), PCP (24%), opiaten (9%), cannabis (42%) | 47% | ‘Psychiatrische voorgeschiedenis’ |
| Riddell | 2017 | 98 | 70% | ‘Drugsgebruik’ | 44% | ‘Psychiatrische voorgeschiedenis’ |
| Cole | 2018 | 49 | 47% | Polymiddelmisbruik (18%), alcohol (16%), ‘chemische afhankelijkheid’ (8%), cocaine (4%) | 69% | ‘Psychiatrische voorgeschiedenis’ |
| Li | 2019 | 31 | 81% | ‘Middelenmisbruik’ | 32% | Bipolaire stoornis /schizoaffectieve stoornis (23%), depressie (10%) |
| Mo | 2020 | 37 | 60% | ‘Voorgeschiedenis van drugs- of alcoholmisbruik’ | 41% | ‘Voorgeschiedenis van psychose’ |

1. Pathofysiologische theorieën

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1e auteur | Jaar | Dopaminerge theorie | Adrenerge theorie | Asfyxische theorie | Mutlifacatioriele theorie | Overige theorie |
| Wetli | 1985 | - | - | - | X |  |
| O'Halloran | 1993 | - | - | X | - |  |
| Stratton | 1995 | - | - | X | - |  |
| Ruttenber | 1997 | X | - | - | - |  |
| Segal | 1997 | X | - | - | - |  |
| Ross | 1998 | - | - | X | - |  |
| Pollanen | 1998 | - | - | X | - |  |
| Hick | 1999 | - | - | - | X |  |
| Mash | 1999 | X | - | - | - |  |
| Mash  | 2000 | - | - | - | - | Serotonerge pathway |
| Blaho | 2000 | X | - | - | - |  |
| Morrison | 2001 | - | - | - | X |  |
| Stratton | 2001 | - | - | - | X |  |
| Mash | 2002 | X | - | - | - |  |
| Parkes | 2002 | - | - | X | - |  |
| Mash | 2003 | X | - | - | - |  |
| Pestaner | 2003 | - | - | - | X |  |
| Strote | 2006 | - | - | - | X |  |
| Bunai | 2008 | - | - | - | - | Fatale hyperthermie |
| Mash | 2009 | X | - | - | - |  |
| Das | 2009 | - | X | - | - |  |
| Kutcher | 2009 | - | X | - | - |  |
| DeBard | 2009 | X | - | - | - |  |
| Samuel | 2009 | - | - | - | - | Zelfde pathofysiologie als maligne neuroleptica syndroom en katatonie |
| Otahbachi | 2010 | - | X | - | - |  |
| Takeuchi | 2011 | X | - | - | - |  |
| Vilke | 2012 | X | - | - | - |  |
| Vilke | 2012 | X | - | - | - |  |
| Plush | 2013 | X | - | - | - |  |
| Bozeman | 2013 | - | - | - | - | Fatale aritmie door QTc-verlenging |
| Gordon | 2013 | - | - | - | X |  |
| Huesgen | 2013 | - | - | - | - | Er bestaat geen goede data, pathofysiologie is onbekend |
| Gill | 2014 | - | - | - | X |  |
| Karch | 2015 | X | - | - | - |  |
| Michaud | 2016 | - | - | - | X |  |
| Schiavone | 2016 | - | - | - | - |  |
| Schiavone | 2016 | - | - | - | - |  |
| Mash | 2016 | X | - | - | - |  |
| Lipsedge | 2016 | - | - | X | - |  |
| Reijnen | 2017 | - | - | X | - |  |
| Gonin | 2018 | - | - | - | X |  |
| Byard | 2018 | - | - | - | X |  |
| Vilke | 2019 | - | - | - | - | Centrale rol voor cortisol |
| Baltzer Nielsen | 2019 | - | - | - | - | Zelfde pathofysiologie als maligne katatonie en Takotsubo cardiomyopathie, vergelijkbaar met ‘capture myopathie’ in het dierenrijk |
| Strömmer | 2020 | - | - | X | - |  |
| Dijkhuizen | 2020 | - | - | - | X |  |
| Byard | 2020 | - | - | X | - |  |

1. Behandeling, opname en prognose

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1e auteur | Jaar | N | Behandeling | Complicaties van behandeling | Ziekenhuispname | Mortaliteit |
|  |  |  |  | % | Welke | % | Duur (gemiddeld of mediaan) |  |
| Wetli | 1985 | 7 | Symptomatisch (bijv. propranolol, diazepam) | - | - | - | - | 100% |
| Hick | 1999 | 5 | Symptomatisch, IC-opname, acidose herstellen | - | - | 100% | 2 | 80% |
| Allam | 2001 | 1 | Symptomatisch, IC-opname, acidose herstellen | - | - | 100% | 3 | 0% |
| Morrison | 2001 | 1 | Voorkom buikligging en druk op borstkas/nek | - | - | - |  | 100% |
| Das | 2009 | 3 | De-escaleren, z.s.m. sederen en vervoer naar ziekenhuis | - | - | - | - | 100% |
| Kutcher | 2009 | 0 | Vroegtijdige herkennen en sederen | - | - | - | - | - |
| DeBard | 2009 | 0 | Symptomatisch | - | - | - | - | - |
| Otahbachi | 2010 | 0 | Voorkom buikligging, sedatie met benzodiazepines i.p.v. antipsychotica | - | - | - | - | - |
| Takeuchi | 2011 | 0 | Vroegtijdige sedatie | - | - | - | - | - |
| Le Cong | 2012 | 18 | Ketamine (i.v.) | 22% | Hypertensie, tachycardie | - | - | 0% |
| Burnett | 2012 | 13 | Ketamine (i.v.) | 58% | Speekselvloed, onvoldoende sedatie, hypoxie, intubatie, laryngospasme | 58% | - | 0% |
| Burnett | 2012 | 1 | Ketamine (i.v.) | 100% | Laryngospasme | 100% | - | 0% |
| Vilke | 2012 | 0 | Vroegtijdig inschakelen van ambulance, sedatie met benzodiazepines of ketamine | - | - | - | - | - |
| Ho | 2013 | 2 | Ketamine (i.m.) | 0% | - | 100% | 4 | - |
| Bozeman | 2013 | 1 | Agressieve ‘supportive care’ op IC, bijv. koelen | - | - | 100% | 2 | - |
| Gordon | 2013 | 0 | Benzodiazepines, i.v. vochtsuppletie, koelen | - | - |  | - | 0% |
| Achilles | 2013 | 0 | Symptomatisch | - | - |  | - | 0% |
| Iwanicki | 2014 | 35 | Ketamine (i.m.) | - | - | 69% | 1 | - |
| Olives | 2016 | 135 | Ketamine (i.m.) | 67% | Intubatie (63%), onvoldoende sedatie (14%) | - | - | 1.7% |
| Scaggs | 2016 | 7 | Ketamine (i.m. of i.v.) | - | - | 29% | 1 | 0% |
| Riddell | 2017 | 98 | Ketamine vs. midazolam vs. lorazepam vs. haldol vs. combinatie (i.m. of i.v.) | - | - | 38% | - | 0% |
| Roosens | 2017 | 1 | Symtomatisch | - | - | - | - | 0% |
| Cole | 2018 | 49 | Ketamine (i.v.) | 28% | Speekselvloed (18%), braken (6%), onvoldoende sedatie (4%) | 84% | 2 | 2% |
| Kennedy | 2018 | 1 | Z.s.m. medische zorg vanuit politiecel | - | - | - | - | 100% |
| Linder | 2018 | 0 | Rol voor ketamine | - | -  | - | - | - |
| Li | 2019 | 31 | Ketamine (i.m. of i.v.) | - | Intubatie (19%), onvoldoend sedatie (29%), misselijkheid (3%), speekselvloed (3%) | 39% | - | 0% |
| Mo | 2020 | 37 | Ketamine (i.m.) | 16% | Hypoxie (16%), intubatie (3%) | - | - | 0% |
| Strömmer | 2020 | 0 | Voorkomen fysieke escalatie/geweld | - | - | - | - | - |
| Armour | 2020 | 0 | Meerdere medicijnen mogelijk. Ketamine heeft snel effect maar relatief hoog risico op complicaties waaronder noodzaak tot intubatie. | - | - | - | - | - |
| Kim | 2021 | 0 | Droperidol en midazolam hebben het snelst effect. Ketamine kan als tweede keus gebruikt worden maar vergroot kans op intubatie. | - | - | - | - | - |

1. Overzicht van alle geïncludeerde studies, studiekarakteristieken

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1e auteur | Jaar | Design | Context | N | Land |
| Wetli | 1985 | R-CS | Forensisch | 7 | VS |
| O'Halloran | 1993 | R-CS | Forensisch | 11 | VS |
| Stratton | 1995 | R-CS | SEH | 2 | VS |
| Ruttenber | 1997 | R-CS | Forensisch | 58 | VS |
| Segal | 1997 | R-CS | Forensisch | 5 | VS |
| Ross | 1998 | R-CS | Forensisch | 61 | VS |
| Pollanen | 1998 | R-CS | Forensisch | 21 | Canada |
| Hick | 1999 | R-CS | SEH | 5 | VS |
| Mash | 1999 | R-CS | Forensisch | 8 | VS |
| Mash  | 2000 | R-CS | Forensisch | 8 | VS |
| Blaho | 2000 | R-CS | SEH | 2 | VS |
| Allam | 2001 | R-CR | SEH | 1 | VK |
| Morrison | 2001 | R-CR | Forensisch | 1 | VK |
| Stratton | 2001 | R-CS | SEH | 216 | VS |
| Mash | 2002 | R-CS | Forensisch | 8 | VS |
| Parkes | 2002 | NR | Forensisch | 0 | VK |
| Mash | 2003 | R-CS | Forensisch | 8 | VS |
| Pestaner | 2003 | R-CS | Forensisch | 2 | VS |
| Paquette | 2003 | NR | Forensisch | 0 | VS |
| Strote | 2006 | R-CS | Forensisch | 28 | Wereldwijd |
| Channa Perera | 2007 | R-CR | Forensisch | 1 | Canada |
| Bunai | 2008 | R-CR | Forensisch | 1 | Japan |
| Mash | 2009 | R-CS | Forensisch | 90 | VS |
| Grant | 2009 | R-CS | Forensisch | 62 | VS |
| Das | 2009 | R-CS + NR | Forensic | 3 | Nederland |
| Kutcher | 2009 | Richtlijn | Multidisciplinair | 0 | Canada |
| DeBard | 2009 | Richtlijn | SEH | 0 | VS |
| Paterson | 2009 | R-CS | Forensisch | 3 | VK |
| Kiely | 2009 | R-CR | Forensisch | 1 | VS |
| Samuel | 2009 | R-CR + NR | Psychiatrisch | 1 | Canada |
| Otahbachi | 2010 | NR | SEH | 0 | VS |
| Strote | 2010 | R-CS | SEH | 4 | VS |
| Lucena | 2010 | P-CS | Forensisch | 3 | Spanje |
| Takeuchi | 2011 | NR | SEH | 0 | VS |
| Byard | 2011 | R-CR | Forensisch | 1 | Australië |
| Lusthof | 2011 | R-CR | Forensisch | 1 | Nederland |
| Le Cong | 2012 | R-CS | SEH | 18 | Australië |
| Burnett | 2012 | R-CS | SEH | 13 | VS |
| Burnett | 2012 | R-CR | SEH | 1 | VS |
| Penders | 2012 | R-CS | SEH | 3 | VS |
| Kodikara | 2012 | R-CS | Forensisch | 2 | Canada |
| Vilke | 2012 | NR | SEH | 0 | VS |
| Vilke | 2012 | NR | SEH | 0 | VS |
| Vilke | 2012 | NR | SEH | 0 | VS |
| Murray | 2012 | R-CR | SEH | 1 | VS |
| Johnson | 2012 | R-CS | Forensisch | 2 | VS |
| Ranson | 2012 | NR | Forensisch | 0 | Australië |
| Ho | 2013 | R-CS | SEH | 2 | VS |
| Plush | 2013 | R-CR | SEH | 1 | VS |
| Kesha | 2013 | R-CR | Forensisch | 1 | VS |
| Bozeman | 2013 | R-CR | SEH | 1 | VS |
| Gordon | 2013 | NR | SEH | 0 | VS |
| Achilles | 2013 | Richtlijn | Multidisciplinair | 0 | Nederland |
| Hall | 2013 | PC | Politie | 37 | Canada |
| Huesgen | 2013 | NR | SEH | 0 | VS |
| Strote | 2014 | R-CS | Politie | 66 | VS |
| Maher | 2014 | R-CR | SEH | 1 | VS |
| Jovel | 2014 | R-CR | Forensisch | 1 | VS |
| Iwanicki | 2014 | PC | SEH | 35 | VS |
| Gill | 2014 | NR | Forensisch | 0 | VS |
| Hall | 2015 | PC | Politie | 86 | Canada |
| Shields | 2015 | R-CR | Forensisch | 1 | VS |
| Karch | 2015 | NR | Forensisch | 0 | VS |
| Baldwin | 2016 | PC | Politie | 73 | Canada |
| Michaud | 2016 | R-CS | Forensisch | 14 | Canada |
| Ezaki | 2016 | R-CS | Forensisch | 2 | Japan |
| Labay | 2016 | R-CS | Forensisch | 2 | VS |
| Schiavone | 2016 | R-CR | Experimenteel | 1 | Italië |
| Kristofic | 2016 | R-CS | Forensisch | 1 | VS |
| Byard | 2016 | R-CR | Forensisch | 1 | Australië |
| Rajagopalan | 2016 | R-CR | Forensisch | 1 | Canada |
| Olives | 2016 | R-CS | SEH | 135 | VS |
| Scaggs | 2016 | R-CS | SEH | 7 | VS |
| Schiavone | 2016 | NR | Experimenteel | 0 | Italië |
| Mash | 2016 | NR | Forensisch | 0 | VS |
| Lipsedge | 2016 | NR | Psychiatrisch | 0 | VK |
| Desharnais | 2017 | R-CR | Forensisch | 1 | Canada |
| Pombo | 2017 | R-CR | Forensic | 1 | VS |
| Riddell | 2017 | PC | SEH | 98 | VS |
| Roosens | 2017 | NR + CR | Psychiatrisch | 1 | België |
| Reijnen | 2017 | NR | Forensisch | 0 | Nederland |
| Baldwin | 2018 | P-CS | Politie | 156 | Canada |
| Kunz | 2018 | R-CR | Forensisch | 1 | IJsland |
| Debelmas | 2018 | R-CR | SEH | 1 | Frankrijk |
| Corstens | 2018 | R-CR | Psychiaty | 1 | Nederland |
| Cole | 2018 | PC | SEH | 49 | VS |
| Kennedy | 2018 | R-CR | Forensisch | 1 | VS |
| Linder | 2018 | NR | SEH | 0 | VS |
| Gonin | 2018 | SR | Multidisciplinair | 0 | Wereldwijd |
| Byard | 2018 | NR | Forensisch | 0 | Australië |
| Śliwicka | 2019 | R-CS | Forensisch | 3 | Polen |
| Vilke | 2019 | R-CS | SEH | 21 | VS |
| Li | 2019 | R-CS | SEH | 31 | VS |
| Baltzer Nielsen | 2019 | SR | SEH | 0 | Denemarken |
| Van Wonderen | 2020 | R-CS | SEH | 2 | Nederland |
| Mo | 2020 | R-CS | SEH | 37 | VS |
| Strömmer | 2020 | SR | Multidisciplinair | 0 | Wereldwijd |
| Armour | 2020 | NR | SEH | 0 | Canada |
| Dijkhuizen | 2020 | R-CS | Forensisch | 0 | Nederland |
| Byard | 2020 | R-CS | Forensisch | 0 | Australië |
| Kunz | 2021 | R-CR | Forensisch | 1 | IJsland |
| Rimmer | 2021 | EC | Multidisciplinair | 0 | VK |
| Kim | 2021 | EC | SEH | 0 | VS |

R-CR = retrospective case report

R-CS = retrospective case series

P-CS = prospective case series

PC = prospective cohort study

NR = narrative review

EC = expert consensus

SR = systematic review

1. Referenties
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