Table DS1. Ketamine for depression studies

| | | 1 | | | | | [] | | | | | , |
|--------------------------------|--------------------------------------|--|---|--|---|-----------------|--|--------------------------|-------------------------|------------------------|---|---|
| Study identification number | Reference | Study design | Number of patients that received ketamine | Diagnosis | Other drugs | Ketamine form | Ketamine regimen | DORED dosage (mg/kg/day) | Number of ketamine days | Duration | Results | Side effects |
| ORAL ANTIDEPRESSANT KETAMINE | | | | | | | | | | | | |
| | | Single-center, 28-day, | | Depression or depression mixed | patients were allowed to take | | Subjects received ketamine orally once a day | | | | Robust antidepresant and anxiolitic | No serious adverse effects |
| 1 | Irwin et al., 2013 (27) | open-label, proof-of- concept trial | 14 | with anxiety | concomitant psychiatric medications | racemate | 10 mg/ml up to a final dose of 0,5 mg/kg in the same volume of cherry syrup | 0,5 | 28 | 28 days | response | No vital sign changes |
| 2 | Invin and Iglewicz ., 2010 (26) | open-label trial | 2 | depression and anxiety | dulaxetine, morphine, prednisone, aspirin, albuterol sulfate, tiotropium bromide, fluticasone-salmeterol, risedronate sodium, docusate, methadone, dexamethasone, senna, furosemide (among others used when necessary) | racemate | 0,5 mg/kg single dose at home | 0,5 | 1 | 1 day | Rapid and moderately sustained symptom relief for both depression and anxiety | No adverse effects were noted |
| 3 | de Gioannis and de Leo, 2014 (28) | open-label trial | 2 | Bipolar depression and chronic suicidal ideation | Case 1: Amitriptyline, quetiapine | racemate | Case 1: fornightly doses of a ketamine solution 100 mg/mL ingested orally with a flavoured drink. The initial dose was 0,5 mg/kg and was gradually increased by 0,5 mg/kg with each treatment. Sustained clinical response was a chieved at around 3 mg/kg Case 2: initial dose of 0,5 mg/kg was gradually | 3 | 2 | Months (not specified) | sustained remission of suicidal ideation | Without any adverse or side effects |
| | | | | | Case 2: venlafaxine, quetiapine | | increased to 1,5 mg/kg | | | | | |
| 4 | Paslakis et al., 2010 (24) | open-label trial | 4 | depression | dexamethasone, venlafaxine, duloxetine, lorazepam, trimipramine | S-ketamine | 1,25 mg/kg | 2,5 | 14 | 14 days | Oral S-ketamine was well tolerated rapid and sustained changes in 2 patients | S-ketamine was well-tolerated with essentially no side effects |
| | | 1 | 1 | 1 | | INTRAVENOUS ANT | IDEPRESSANT KETAMINE | | | | 1 | |
| 5 | Niciu et al., 2013 (81) | open-label trial | 2 | obsessive-compulsive disorder, post-traumatic stress disorder, major depressive disorder, trichotillomania, personality disorder | fluvoxamine, riluzole, N- acetylcysteine, alprazolam, clomipramine, escitalopram | racemate | Single 0,5 mg/kg infusion for 40 minutes | 2,5 | 1 | 1 day | There remains insufficient data on therapeutic ketamine in the presence of comorbid psychiatric disorders to promote its off-label use in a non- research milieu. | dysphoria, passive suicidal thoughts, anxiety, depersonalization, perioral and limb paresthesia, nausea, derealization, smelling nail polish remover, tasting cement |
| 6 | Liebrenz et al., 2007 (56) | open-label trial | 1 | treatment-resistant major depression and substance use disorder | Lorazepam | racemate | Infusion of 0,5 mg/kg over a period of 50 minutes | 2,5 | 1 | 1 day | Significant improvement of symptoms peaking on the second day post infusion | No signs of impairment in respect to consciousness, orientation, and attention |
| 7 | Liebrenz et al., 2009 (82) | open-label trial | 1 | treatment-resistant major depression and substance use disorder | Alcohol, benzodiazepines, nicotine | racemate | 2 infusions of 0,5 mg/kg over a period of 50 minutes, in different days over 6 weeks | 2,5 | 2 | 6 weeks | Improvement of symptoms was almost instantly evident Remission was indicated | dizziness, nausea, dissociative symptoms |
| 8 | Stefanczyk-Sapieha et al., 2008 (83) | open-label trial | 1 | major depressive disorder | domperidone, olanzapine, ondansetron, dimenhydrinate, oxycodone, dexamethasone, enoxaparin, fludrocortisone | racemate | 0,5 mg/kg infused over 60 minutes | 2,5 | 2 | 10 days | Initial improvement in mood following the first ketamine infusion | Visual hallucination after the second dose |
| | | | | | Methylphenidate was suspended in the infusion day | | Repeated after 10 days | | | | The benefit from the second infusion was very brief | blurred vision, diminished |
| 9 | Mathew et al., 2010 (18) | open-label trial | 26 | treatment resistant depression | Lamotrigine, riluzole | racemate | 0,5 mg/kg over 40 minutes | 2,5 | 1 | 3 days | Rapid and potentially durable benefit in a majority of patients The majority of patients continued to meet response criteria 24 to 72 hours following infusion | blurred vision, diminished mental capacity, diminished sharpness, dizziness, faintness, drowsiness, sleepiness, feeling strange, feeling unreal, headache, numbness, tingling, ringing in the ears. trouble |
| 10 | Price et al., 2009 (84) | open-label trial | 26 | Treatment-resistant depression | Psychotropic medication-free | racemate | 0,5 mg/kg administered over 40 minutes | 2,5 | 1 | 1 day | Rapid beneficial effects on suicidal cognition | Not mentioned |
| 11 | aan het Rot et al., 2010 (16) | open-label trial | 8 | Treatment-resistant depression | Free of psychotropic medication, except for zolpidem for insomnia when necessary | racemate | 0,5 mg/kg administered over 40 minutes | 2,5 | 6 | 12 days | Cognition Feasibility of repeated-dose intravenous ketamine for the acute treatment of treatment-resistant depression | Tachycardia, bradycardia, hypotension, bradypnea, abnormal sensations, weakness, fatigue, headache, sleep disturbance, blurred vision, diminished menal capacity, dizziness, faintness, feeling drowsy, feeling sieepy, feeling strange, feeling unreal, hearing things, seeing things, tingling, numbress, poor coordination, unsteadiness, poor memory |
| 12 | Rybakowski et al., 2013 (85) | open-label trial | 25 | Bipolar depression | Mood-stabilizing medications allowed | racemate | Single 0,5 mg/kg infusion | 2,5 | 1 | 1 day | Confirmation of an antidepressant effect of ketamine as an add-on to mood-stabilizing drugs | Not mentioned |
| 13 | Thakurta et al., 2012 -b (86) | single-center, prospective, open-label, single-arm pilot study | 27 | Treatment-resistant major depression | Drug-free | racemate | Single infusion of 0,5 mg/kg over 40 minutes | 2,5 | 1 | 2 days | Rapid albeit short-lasting effect of ketamine on suicidal ideation | Elevated blood pressure, headache, euphoria, increased thirst, dizziness |

| 14 | Szymkowicz et al., 2013 (87) | open-label naturalistic observation | 3 | Treatment-resistant depression | fluoxetine, quetiapine, lamotrigine, lorazepam, nortriptyline, bupropion | racemate | 0,5 mg/kg over 40 minutes, several times in one year | 2,5 | 2 | 12 months | Low-dose repeated intravenous ketamine has therapeutic effects for patients with treatment-resistant depression | No significant physiological or psychological side effects |
|----|-----------------------------------|---|----|---|---|-------------------------|---|-----|---|-----------|--|---|
| 15 | Price et al., 2014 (14) | Two-site, double-blind, randomized, placebo- controlled trial | 36 | Treatment-resistant unipolar major depression | Not mentioned | racemate | Single infusion of 0,5 mg/kg | 2,5 | 1 | 1 day | Intravenous ketamine produces rapid reductions in suicidal cognition over and above active placebo | Not mentioned |
| 16 | Chilukuri et al., 2014 (88) | randomized, open-label, parallel-group study | 9 | Major depression | Subjects were allowed to continue their ongoing antidepressant medication | racemate | Single infusion of 0,5 mg/kg over 40 minutes | 2,5 | 1 | 4 days | Intramuscular ketamine in the dose of 0,25 mg/kg is as effective and safe as 0,5 mg/kg given either intramuscularly or intravenously, substantially alleviating depressive symptoms | Sedation, dizziness, mild emotional abreaction, drowsiness, heaviness of head |
| 17 | Lundin et al., 2014 (89) | open-label trial | 83 | Treatment-resistant major depressive disorder and treatment-resistant bipolar depression | Free of psychotropic medications aside from therapeutic dose lithium or valproate for those with bipolar depression | racemate | Single 0,5 mg/kg infusion | 2,5 | 1 | 7 days | No significant correlation was observed between baseline vitamin B12 or folate and percent change in HDRS | Not mentioned |
| 18 | Valentine et al., 2011 (90) | single-blind, non-counter balanced design | 10 | major depressive disorder | free of psychotropic medications | racemate | Single 0,5 mg/kg dose | 2,5 | 1 | 2 weeks | Replication of the antipdepressant-like effects of ketamine. No ketamine-induced changes in amino acid neurotransmitter content in the occipital cortex | dissociation, increase in the systolic blood pressure |
| 19 | Machado-Vieira et al., 2009 (91) | open-label study | 23 | treatment-resistant major depressive disorder | riluzole | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 1 day | Ketamine induced a significant and rapid antidepressant response. No changes in BDNF levels were observed after the ketamine infusion | Not mentioned |
| 20 | Paul et al., 2009 (92) | open-label study | 2 | treatment resistant major depression | nicotine, mirtazapine, lithium, lorazepam, zopiclon, | racemate and S-ketamine | 0,5 mg/kg of ketamine over 50 minutes | 2,5 | 2 | 2 weeks | S-ketamine might exert similar antidepressant effects as ketamine in drug-resistant depression but may be | Both patients experienced psychomimetic side effects during the racemate infusion which were absent during treatment with S-ketamine. |
| | | | | depression | amitriptyline, ziprasidone | | 0,25 mg/kg of S-ketamine over 50 minutes | | | | better tolerated by the patients. | dizziness, feeling of being "embedded", all colours with a "whiff of pink", fatigue, feeling of being "muzzy" |
| 21 | Phelps et al., 2009 (93) | open-label study | 26 | treatment-resistant major depression | riluzole | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 1 day | Subjects with a family history of alcohol dependence showed significantly greater improvement in MADRS scores compared with subjects who had no family history of alcohol dependence. | Not mentioned |
| 22 | ibrahim et al., 2012 (17) | open-label study | 42 | treatment-resistant depression | riluzole | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 4 weeks | A significant improvement in MADRS scores from baseline was found. The average time to relapse was 13,2 days. The combination of riluzole with ketamine trantement did not significantly alter the course of antidepressant response to ketamine alone. | perceptual disturbances, drowsiness, confusion, elevations in blood pressure and pulse, dizziness |
| 23 | Duncan et al., 2013 (94) | open-label study | 30 | treatment-resistant major depressive disorder | psychotropic drug free | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 3 days | Patients' depressive symptoms were significantly and rapidly improved Sleep slow wave activity and BDNF serve as non-invasive indices for testing the efficacy of newly developed antidepressant therapies that target the glutamatergic system. | No serious adverse effects accurred during the study |
| 24 | Diazgranados et al., 2010 -a (10) | randomized, single- center, placebo- controlled, double-blind, crossover, add-on study | 17 | treatment-resistant bipolar depression | lithium, valproate, duloxetine, SSRI, bupropion, venlafaxine, trazodone, monoamino oxidase inhibitor, quetispine, arjaprazole, risperidone, ziprazidone, olanzapine, oxcarbazepine, lamotrigine, carbamazepine, lamotrigine, zonisamide, thyroid augmentation, stimulant | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 1 month | Within 40 minutes, depressive symptoms significantly improved in subjects receiving ketamine compared to placebo. | dissociation, worsening anxiety, worsening mood, increased suicidal ideation, feeling woozy or loopy, feeling lethargic or drowsy, cognitive impairment, fear, anxiety, nausea, dizziness, odd sensations, blurred vision, headach, feeling strange or weird or bizarre, dry mouth, tachycardia, increased blood pressure |
| 25 | Okamoto et al., 2010 (95) | open-label trial | 11 | treatment-resistant depression | atropine, succinylcholine, antidepressants | racemate | Single 0,8 mg/kg infusion | 4,0 | 1 | 1 day | It is possible to improve symptoms of depression by using ketamine anesthesia. | headache, nausea, angialgia at the site of injection, hypertension during the ECT session, sense of fears with hallucinations, delirium |
| 26 | Thakurta et al., 2012 -a (96) | single-center, prospective, open-label, single-arm pilot study | 22 | treatment-resistant major depression | Psychotropic medication-free | racemate | Single 0,5 mg/kg infusion | 2,5 | 1 | 2 weeks | Rapid, albeit short-lived, antidepressant effect of ketamine in treatment- resistant depression | Elevated blood pressure, headache, euphoria, increased thirst, dizziness |

| | | single-center, double- blind, randomized | | | lithium, valproate, SSRI, hunronion, duloxetine | | | | | | Rapid and robust antidepressant | feeling woozy or loopy, feeling lethargic or drowsy, cognitive |
|----|-----------------------------------|--|----|--|--|------------|---|------|---|-----------|--|---|
| 27 | Zarate et al., 2012 (11) | crossover, placebo- controlled study | 15 | bipolar I or II depression | bupropion, duloxetine, mirtazapine, venlafaxine, tricvclic antidepressant. | racemate | Single 0,5 mg/kg infusion | 2,5 | 1 | 1 month | response Ketamine rapidly improved suicidal ideation. | impairment, fear, anxiety, nausea. dizziness. odd |
| 28 | Messer et al., 2010 (97) | open-label trial | 2 | major depressive disorder | Not mentioned | racemate | Patient A: Six 0,5 mg/kg infusions on days 1, 3, 5, 7, 9 and 11 Patient B: Two 0,5 mg/kg infusions on days 1 and 7 and 4 saline infusions on days 3, 5, 9 and 11 | 2,5 | 6 | 12 days | Multiple ketamine treatments may provide an effective rapid antidepressant effect with prolonged benefit | elevation in both systolic and diastolic blood pressure, talkativeness, decreased inhibition, visual misperceptions |
| 29 | Zarate et al., 2006 (12) | randomized, double- blind, crossover design | 17 | major depressive disorder | Drug-free | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 2 weeks | Robust and rapid antidepressant effects | perceptual disturbances, confusion, elevations in blood pressure, euphoria, dizziness, increased libido, gastrointestina distress, increased thirst, headache, metallic taste, constination |
| 30 | Diazgranados et al., 2010 -b (98) | open-label study | 33 | MDD | riluzole | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 1 day | Suicidal ideation in the context of MDD improved within 40 minutes of a ketamine infusion and remained improved for up to 4 hours post-infusion | mild perceptual disturbances |
| 31 | Sos et al., 2013 (13) | double-blind, crossover, placebo-controlled clinical trial | 27 | unipolar depression | SSRI, noradrenergic and specific serotonergic antidepressant, SNRI, augmentation of antidepressants with atypical antipsychotis, benzodiazepines, | racemate | 0,54 mg/kg within 30 minutes | 2,7 | 1 | 2 weeks | Alleviation in mood ratings Higher intensity of psychotomimetic symptoms during ketamine administration | acute psychotomimetic effect, dissociation, perceptual disturbances, confusion, mild increases in blood pressure, emotional blunting, euphoria |
| 32 | Berman et al., 2000 (2) | randomized, double-blind study | 7 | major depression | drug-free | racemate | Single 0,5 mg/kg infusion over 40 minutes | 2,5 | 1 | 3 days | Significant improvement in depressive symptoms within 72 hours after ketamine but not placebo infusion. | perceptual disturbances, "high' |
| 33 | Murrough et al., 2013 (99) | open-label study | 24 | treatment-resistant depression | free of antidepressant medication | racemate | Up to 6 intravenous infusions of ketamine 0,5 mg/kg on a Monday-Wednesday-Friday schedule over a 12-day period | 2,5 | 6 | 12 days | Ketamine was associated with a rapid antidepressant effect. | increase in psychotomimetic symptoms, feeling strange or unreal, abnormal sensations, blurred vision, feeling drowsy or sleepy, elevated blood pressure and/or heart rate |
| 34 | Diamond et al., 2014 (100) | open-label, naturalistic study | 28 | uni- or bipolar treatment- resistant depression | quetiapine, modafinil, temazepam, bisoprolol, aripiprazole, olanzapine, sertraline, clonazepam, flucxetine, venlafaxine, lithium, tranyfcypromine, progranolol, agomelatine, haloperidol, lamotrigine, gabapentin, lorazepam, zolpidem, diazepam, lansoprazole, zopiclone | racemate | 3 or 6 ketamine infusions (0,5 mg/kg over 40 minutes) | 2,5 | 6 | 6 months | Up to 6 low-dose ketamine infusions car safely be given | vasovagal episode, anxiety, vomiting, dissociation |
| 35 | Larkin and Beautrais, 2011 (101) | open-label study | 14 | depression with suicidal ideation | Not mentioned | racemate | Single bolus of 0,2 mg/kg over 1 to 2 minutes | 1,0 | 1 | 10 days | Administering ketamine to depressed patients in a emergency department setting is feasible, safe and potentially effective in inducing a rapid remission o depression and suicidal ideation. | mild positive psychotomimetic symptoms, unpleasant dissociative symptoms |
| 36 | Ibrahim et al., 2011 (102) | open-label study | 17 | treatment-resistant MDD | Psychotropic medication-free | racemate | single infusion 0,5 mg/kg | 2,5 | 1 | 1 day | Ketamine appears to improve depressive symptoms in patients with MDD who had previously not responded to ECT. | dissociation |
| 37 | Denk et al., 2011 (103) | open-label study | 1 | major depressive disorder | citalopram, escitalopram, amitriptyline, clomipramine, venlafaxine, moclobemide | S-ketamine | 0,25 mg/kg with a 40-minute injection duration | 2,5 | 1 | 1 day | The depressive and anxiety parameter scores rapidly improved after S- ketamine infusion | Not mentioned |
| 38 | Correll and Futter, 2006 (66) | open-label study | 2 | major depressive disorder | citalopram, lithium carbonate | racemate | Initially, 15-20 mg/h (0,1-0,2 mg/kg/h) The dose increased until a maximum tolerated dose was achieved. This dose was assumed to be a therapeutic dose and was maintained for 5 days. Maximum dose achieved = 30 mg/h (0,3 mg/kg/h) | 36,0 | 5 | 12 months | The 2 patients have experienced a very significant and long-lasting response. | mild feeling of headiness or inebriation |
| 39 | Salvadore et al., 2010 (104) | open-label study | 15 | MDD | psychotropic drug-free | racemate | mg/xg/n) Single infusion of 0,5 mg/kg over 40 minutes | 2,5 | 1 | 4 days | Depressive symptoms were significantly improved 230 minutes after the <u>infusion</u> . A significant decrease was also observe in both awitely and psychotic symptoms. The anterior cirgulate cortex and its putative interaction with the amygdala predict antidepressant response to ketamine in a working task context. | |

| 43Example example ex | | | | | | | | | | | | | |
|---|----|-----------------------------------|---------------------------|----|--------------------------------|--|----------------|---|-----|----|---------------|---|---|
| 41 5000000000000000000000000000000000000 | 40 | Salvadore et al., 2009 (105) | open-label study | 11 | MDD | drug-free | racemate | Single infusion of 0,5 mg/kg over 40 minutes | 2,5 | 1 | 1 dəy | increases in pretreatment anterior cingulate cortex activity, which were positively correlated with subsequent rapid antidepressant response to ketamine. The results strongly implicate anterior cingulate cortex dysfunction in the | Not mentioned |
| aLos et 3, 322 (c)7)menning basis22AgreesinHegemens, seralgebaamouthMenning basisControlAgreesinAgreesinAgreesinMenning basisAgreesinAgreesinMenning basisAgreesin< | 41 | Salvadore et al., 2012 (106) | open-label study | 14 | MDD | drug-free | racemate | Single infusion of 0,5 mg/kg over 40 minutes | 2,5 | 1 | 4 days | improved 230 minutes after the infusion. Ketamine administration was also associated with a significant | Not mentioned |
| All Lenser of 2, 221 [20] Constraining of 2, 221 [20] Lenser of 2 | 42 | Loo et al., 2012 (107) | | 22 | depression | | racemate | unilateral ECT were randomised to receive either ketamine or placebo during anaesthesia for ECT. Bolus of 0.5 mg/kg of ketamine The ECT-ketamine group received a mean dose of | 2,5 | 1 | 1 month | decrease cognitive impairment in patients having ultrabrief pulse-width right unilateral ECT, but was safe and slightly improved efficacy in the first week of treatment and at one-week | mania, hypomania |
| | 43 | Kranaster et al., 2011 (108) | | 16 | therapy-resistant depression | thiopental, urapidil | S-ketamine | ECT anaesthesia with ketamine or thiopental. | 6,7 | 11 | 3 years | fewer ECT sessions and had significantly | |
| Amountable Water (H a, Diff (Lin)) Product bottlem (H a) Line | | | | | | | | | | | | ketamine and in the propofol plus | The adverse effects in the propofol plus ketamine group were fewer than those in the ketamine group. |
| 450 Ababiah et al., 2012 (11) randomized dinual trait 8 migre degressive diorder at bipoler diorder. randomized fields attains, totates, reaching, autos, Reaching, bipoler diorder. randomized dinual trait 8 migre degressive diorder at bipoler diorder. randomized distance, autos, Reaching, migre distance, micro base 2.5 6 2 weeks rendomized distance, enhance tai autos, Reaching, micro distance, distance, totates, reaching, micro status 460 Rusmusten et al., 2013 (11) open label stady 10 migre degressive diorder at bipoler distance, classipus, linking, lineing display, distance, classipus, linking, lineing display, distance, classipus, linking, lineing display, distance, classipus, linking, lineing display, display, linking, l | 44 | Wang et al., 2012 (109) | randomized clinical trial | 12 | major depression | succinylcholine, propofol | racemate | Single 0,8 mg/kg dose of ketamine | 4,0 | 1 | 1 week | significantly greater in the ketamine and propofol plus ketamine groups compared with those in the propofol | headache, nausea, brief delirium after awakening, prolonged delirium, hypertension, angialgia, sense of fear with hallucinations upon awakening from anesthesia. |
| A6 Ramusen et al., 2013 (11) open label study 10 major degressive disorder an bipdari disorder burgestion, disorder (atbogen, ithum, lamotrigine statis Tracemate Tracemate Tracemate 2,5 4 6 weeks 5 of 10 patterts achieved remission statis burgestion, disorder disported remission was achieved re influences, statis burgestion was achiev | 45 | Abdallah et al., 2012 (110) | randomized clinical trial | 8 | | paroxetine, citalopram, duloxetine, venlafaxine, | racemate | thiopental plus ketamine | 2,5 | 6 | 2 weeks | enhance the antidepressant effect of | nausea, headache, disorientation, muscle pain |
| 47 Kudoh et al., 2002 (112) randomized clinical trial 33 major depression propolo (fentany, isofitane, natrous oxide, impramine, clonipramine, maprotile, clonipram | 46 | Rasmussen et al., 2013 (111) | open-label study | 10 | | nortriptyline, venlafaxine, | racemate | Twice weekly ketamine 0,5 mg/kg infusions, administered over 100 minutes, until either remission was achieved or 4 infusions were | 2,5 | 4 | 6 weeks | | vertigo, dizziness, visual hallucination, drowsiness, dysmegalopsia, anxiety, diplopia |
| Image: second | 47 | Kudoh et al., 2002 (112) | randomized clinical trial | 35 | major depression | nitrous oxide, imipramine, clomipramine, maprotiline, | racemate | with 1,0 mg/kg of ketamine + 1,5 mg/kg of | 5,0 | 1 | 3 days | somatic anxiety, and hypochondriasis significantly decreased in the propofol- fentanyl-ketamine group as compared with the propofol-fentanyl group Small-dose ketamine improved the | ventricular ectopic rhythm, hypotension |
| Ods Ods (Mark 20V (LS)) Open-hade study I depression and migration imitagation Linethylicity So m get treatment session C.O. C.O. C.O. Significant Linethylicity Significant Linethylicity Imitagion Linethylicity Significant Linethylicity Significant Linethylicity Imitagion Linethy | | | | | | | INTRANASAL ANT | IDEPRESSANT KETAMINE | | | | relieved postoperative pain in depressed | |
| operation depression and migrate mitragene. Lengthyloide, bind, crossover study 18 migrate pression and migrate mitragene. Lengthyloide, stable dozes, including So m get treatment session operation significant, introvement here solve stable dozes, including So m get treatment session operation significant, introvement here solve stable dozes, including So m get treatment session operation significant, introvement here solve stable dozes, including Interaction of the solve stable dozes, including Significant, introvement here solve stable dozes, including <th< td=""><td>83</td><td>Clark, 2014 (133)</td><td>open-label study</td><td>1</td><td></td><td></td><td>racemate</td><td>10 mg per spray inhalation</td><td>1,6</td><td>32</td><td>4 months</td><td></td><td>brief feelings of being high, mild</td></th<> | 83 | Clark, 2014 (133) | open-label study | 1 | | | racemate | 10 mg per spray inhalation | 1,6 | 32 | 4 months | | brief feelings of being high, mild |
| orage Caputo e al, 2014 (154) biling, crossover study 1.8 might degression orage is all be does, including orage is all be does, including <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | | | | | | | | | | | | | |
| SUBJUNCIAL ANTIDEPRESSANT NETAMINE B5 Lara et al., 2013 (29) Open-Jabel study Open-Jabel study Maintenance of previous treatments was according to the haddeness, gettation Tore main to main the main to main the main to main to main to main to main the main to main to main to main the main to main to main the ma | 84 | Lapidus et al., 2014 (134) | | 18 | major depression | | racemate | | 1,6 | 1 | 2 weeks | | |
| ode Card et al., 2013 (25) Operade study 2.8 Unipoid of updated upd | | | | * | • | | SUBLINGUAL ANT | IDEPRESSANT KETAMINE | | • | | | |
| 86 Gofort and Holsinger, 2007 (135) open-label study 1 major depressive disorder with psycholic features racemate 100 mg (1,5 mg/kg) as part of a conscious sedation protocol 1 hour before ECT 7,0 1 3 days The patient was noted to have less psychonic features not mentioned 87 Glue et al., 2011 (136) open-label study 2 refractory depression not mentioned not mentioned 0,7 and 1,0 mg/kg 4,7 1 Reduction in MDRS cores, in one case of the specific discover on the spec | 85 | Lara et al., 2013 (29) | open-label study | 26 | unipolar or bipolar depression | | racemate | 10 mg from a 100 mg/mL solution allowed to absorb for 5 minutes and swallowed, repeatedly | 0,2 | 18 | 6 months | | mild and transient light- headedness, agitation |
| Bit Psychonic resulting Sedation protocol 1 hour before ECT psychonic resulting psych | 86 | Goforth and Holsinger, 2007 (135) | open-label study | 1 | | thiopental, succinylcholine | | 100 mg (1,5 mg/kg) as part of a conscious | 7,0 | 1 | 3 days | | not mentioned |
| 87 Glue et al., 2011 (136) open-label study 2 refractory depression not mentioned racemate 0,7 and 1,0 mg/kg 4,7 1 not mentioned providing scores consistent with discoverences, secarate | | | | | psychotic features | | | sedation protocol 1 hour before ECT | | | | | |
| remission company and company | 87 | Glue et al., 2011 (136) | open-label study | 2 | refractory depression | not mentioned | racemate | 0,7 and 1,0 mg/kg | 4,7 | 1 | not mentioned | | light-headedness, sedation, dissociative symptoms |