Hints:
-- To begin a search, click the name of the desired database OR select more than one database and click "Continue".
-- To get more information about a database, click the information icon: ।
-- NOTE: Databases that don't have a checkbox next to them can not be included in multi-file searching.

CONTINUE »

- Journals@Ovid Full Text  July 5, 2007
- Your Journals@Ovid
- EBM Reviews - Cochrane Central Register of Controlled Trials  3rd Quarter 2007
- EBM Reviews - Cochrane Database of Systematic Reviews  2nd Quarter 2007
- EBM Reviews - Database of Abstracts of Reviews of Effects  2nd Quarter 2007
- EBM Reviews Full Text - Cochrane DSR, ACP Journal Club, and DARE
- All EBM Reviews - Cochrane DSR, ACP Journal Club, DARE, and CCTR
- Ovid MEDLINE(R) - Process & Other Non-Indexed Citations and Ovid MEDLINE(R)  1950 to Present
- Ovid MEDLINE(R)  1950 to June Week 4 2007
- Ovid MEDLINE(R)  1996 to June Week 4 2007
- Ovid MEDLINE(R)  1950 to 1995
- Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations  July 06, 2007
- Ovid MEDLINE(R) Daily Update  July 05, 2007
- Ovid MEDLINE(R)  2003 to June Week 4 2007
- Ovid MEDLINE(R)  1996 to 2002
### Search History

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<th>Display</th>
</tr>
</thead>
</table>

Keywords:
- Combine Searches
- Delete Searches
- Save Search/Alert

**Enter Keyword or phrase (use "$" for truncation):**

- Map Term to Subject Heading

**Limits:**
- Full Text
- Review Articles
- Latest Update
- Humans
- Abstracts
- Core Clinical Journals (AIM)
- English Language
- EBM Reviews

Publication Year: [ ] - [ ] - [ ]
Search for "ecstasy" in the Ovid MEDLINE database.
Your term mapped to the following Subject Headings:
Click on a subject heading to view more general and more specific terms within the tree.

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<td>Substance-Related Disorders</td>
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<td>ecstasy.mp. search as Keyword</td>
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Hints:
- Click on a **Subject Heading** to view its tree-related terms that are more general and more specific.
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- Include All Subheadings
- Combine selections with: OR

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- If your search did not map to a desirable subject heading, select the box Search as Keyword.
Subheadings for: N-Methyl-3,4-methylenedioxyamphetamine

- Include All Subheadings (2111)
  -- or choose one or more of these subheadings --
  - /ad - Administration & Dosage (194)
  - /ae - Adverse Effects (516)
  - /aa - Analogs & Derivatives (25)
  - /an - Analysis (96)
  - /ai - Antagonists & Inhibitors (35)
  - /bl - Blood (68)
  - /cs - Chemical Synthesis (4)
  - /ch - Chemistry (76)
  - /cl - Classification (3)
  - /ec - Economics (3)
  - /hi - History (16)

  - /im - Immunology (2)
  - /ip - Isolation & Purification (5)
  - /me - Metabolism (72)
  - /pk - Pharmacokinetics (75)
  - /pd - Pharmacology (496)
  - /po - Poisoning (145)
  - /st - Standards (6)
  - /sd - Supply & Distribution (11)
  - /tu - Therapeutic Use (28)
  - /to - Toxicity (264)
  - /ur - Urine (61)

Hints:
- Subheadings can be used to restrict the focus of your search. Select one or more subheadings by clicking in the checkbox that precedes each desired subheading.
- Choose Combine with AND to search for the intersection of two or more subheadings.
- Choose Combine with OR to search for the union of two or more subheadings.
Subheadings for: N-Methyl-3,4-methylenedioxyamphetamine

Include All Subheadings (2111)
--- or choose one or more of these subheadings ---
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</table>

**Advanced Search**

**Basic Search**

**Find Citation**

**Search Tools**

Enter **Keyword** or phrase (use "$" for truncation):

- **Map Term to Subject Heading**

**Limits**

- Full Text
- Review Articles
- Latest Update
- Humans
- Abstracts
- Core Clinical Journals (AIM)
- English Language
- EBM Reviews

**Publication Year**

**Results**
Results of your search: N-Methyl-3,4-methylenedioxoamphetamine/ae [Adverse Effects]

Viewing 1-10 of 516 Results

Go to #: 1

   UI: 17535617
   Authors Full Name
   Marasco, Silvana F. Lim, H Kiat.

   UI: 17219216
   Authors Full Name
   Kuyper, K P C. Wingen, M. Samyn, N. Limbert, N. Ramaekers, J G.

   UI: 17289273
   Authors Full Name
   Hargreaves, G A. Hunt, G E. Cornish, J L. McGregor, I S.
**Result 1.**

Find Similar | Find Citing Articles

**Unique Identifier**: 17535617

**Authors**: Marasco SF, Lim HK.

**Authors Full Name**: Marasco, Silvana F. Lim, H Kiat.

**Institution**: Department of Cardiothoracic Surgery, The Alfred Hospital, Prahran 3181, Victoria, Australia. s.marasco@alfred.org.au

**Title**: Ecstasy-associated pneumomediastinum. [Review] [23 refs]


**Abstract**

**INTRODUCTION**: Ecstasy, also known as MDMA (3,4, methylenedioxyamphetamine), is a popular illicit party drug amongst young adults. The drug induces a state of euphoria secondary to its stimulant activity in the central nervous system. **PATIENTS AND METHODS**: A database review at two major inner city hospitals was undertaken to identify patients presenting with pneumomediastinum and their charts reviewed. A Medline review of all reported cases of pneumomediastinum associated with ecstasy abuse was undertaken. **RESULTS**: A total of 56 patients presenting with pneumomediastinum were identified over a 5-year period. Review of the charts revealed a history of ecstasy use in the hours prior to presentation in six of these patients, representing the largest series reported to date. **CONCLUSIONS**: Review of previously reported cases reveals the likely mechanism is due to
Results of your search: N-Methyl-3,4-methylenedioxyamphetamine/ae [Adverse Effects]

Viewing 1 of 516 Results

Go to #: 1

Result 1.

Find Similar | Find Citing Articles

Link to...
Complete Reference | Document Delivery

Unique Identifier 17535617
Authors Marasco SF, Lim HK.
Authors Full Name Marasco, Silvana F. Lim, H Kiat.
Institution Department of Cardiothoracic Surgery, The Alfred Hospital, Prahran 3181, Victoria, Australia. s.marasco@alfred.org.au
Title Ecstasy-associated pneumomediastinum. [Review] [23 refs]
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Publication Type Journal Article. Review.
Results

Results of your search: **N-Methyl-3,4-methylenedioxyamphetamine/ae [Adverse Effects]**

Viewing 1-10 of 516 Results
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   UI: 17535617
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   UI: 17219216
   Authors Full Name
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   UI: 17289273
   Authors Full Name
Search Results

Results of your search: N-Methyl-3,4-methylenedioxyamphetamine/ae [Adverse Effects]

Viewing 1 of 516 Results

Result 1.

Find Similar | Find Citing Articles

Link to...
Abstract | Document Delivery

Unique Identifier       17535617
Record Owner            NLM
Authors                 Marasco SF, Lim HK.
Authors Full Name       Marasco, Silvana F. Lim, H Kiat.
Institution             Department of Cardiothoracic Surgery, The Alfred Hospital, Prahran 3181, Victoria, Australia. s.marasco@alfred.org.au
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NLM Journal Name        Annals of the Royal College of Surgeons of England
Publishing Model        Journal available in: Print
Citation processed from: Internet
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<td>DISPLAY</td>
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</table>

**Advanced Search**

**Basic Search**

**Find Citation**

**Keyword**

Enter **Keyword** or phrase (use "$" for truncation):

☑ Map Term to Subject Heading

**Limits**

- Full Text
- Review Articles
- Latest Update

- Humans
- Abstracts
- Core Clinical Journals (AIM)

**Results**
### Your term mapped to the following Subject Headings:

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Enter **Keyword** or phrase (use "$" for truncation):  

- Full Text  
- Review Articles  
- Latest Update  
- Core Clinical Journals (AIM)  
- Humans  
- Abstracts  
- English Language  
- EBM Reviews  

Publication Year: -- -- --
Search History

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Advanced Search

Keyword: adverse effects

More Limits

- Full Text
- Review Articles
- Latest Update
- Humans
- Abstracts
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- Core Clinical Journals (AIM)

Publication Year

Search

Subject Heading

More Fields

Search Tools
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<td>45468</td>
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- **Advanced Search**
- **Basic Search**
- **Find Citation**

Enter **Keyword** or phrase (use "$" for truncation):

- **Map Term to Subject Heading**

**Limits**

- Full Text
- Review Articles
- Latest Update
- Core Clinical Journals (AIM)
- Humans
- Abstracts
- English Language
- EBM Reviews

**Publication Year**
Combine a search using: **AND**

<table>
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<th>Search History</th>
<th>Results</th>
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Hints:
- Click two or more "select" boxes
- Choose Combine with **AND** to search for the **intersection** of two or more searches.
- Choose Combine with **OR** to search for the **union** of two or more searches.
- Click "Continue" when you are ready to post the search
### Combine Searches

Combine a search using: **AND**

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Version: rel10.3.1, SourceID 1.13281.2.21
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**Search History**

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**Publication Year**

**Search Tools**
   Authors Full Name
   Clemens, Kelly J; McGregor, Iain S; Hunt, Glenn E; Cornish, Jennifer L.

   Authors Full Name
   Ramaekers, J G; Kuypers, K P C; Samyn, N.

   Authors Full Name
   Theron, L; Jansen, K; Miles, J.
Results

Results of your search: **2 and 3**

Viewing 1-10 of 48 Results

Go to #: 1

   - Authors Full Name: Clemens, Kelly J; McGregor, Iain S; Hunt, Glenn E; Cornish, Jennifer L.
   - Find Similar | Find Citing Articles

   - Authors Full Name: Ramaekers, J G; Kuypers, K P C; Samyn, N.
   - Find Similar | Find Citing Articles

   - Authors Full Name: Theron, L; Jansen, K; Miles, J.
   - Find Similar | Find Citing Articles

Authors Full Name
Clemens, Kelly J. Cornish, Jennifer L. Li, Kong M. Hunt, Glenn E. McGregor, Iain S.
Results of your search: from 4 [2 and 3] keep 1-2
Results Available: 2
Results Displayed: 1-2

Result 1.

Unique Identifier: 17364831
Authors: Clemens KJ, McGregor IS, Hunt GE, Comish JL
Authors Full Name: Clemens, Kelly J. McGregor, Iain S. Hunt, Glenn E. Comish, Jennifer L.
Institution: School of Psychology, University of Sydney, New South Wales, Australia. k.clemens@psy.unsw.edu.au
Title: MDMA, methamphetamine and their combination: possible lessons for party drug users from recent preclinical research. [Review] [70 refs]
Abstract: The substituted amphetamines 3,4-methylenedioxyamphetamine (MDMA, 'Ecstasy') and methamphetamine (METH, 'ice', 'speed') are increasingly popular drugs amongst party-drug users. Studies with humans have investigated the acute and possible long-term adverse effects of these drugs, yet outcomes of such studies are often ambiguous due to a variety of confounding factors. Studies employing animal models have value in determining the acute and long-term effects of MDMA and METH on brain and behaviour. Self-administration studies show that intravenous METH is a particularly potent reinforcer in rats and other species. In contrast, MDMA appears to have powerful effects in enhancing social behaviour in laboratory animals. Brief exposure to MDMA or METH increases the probability of social interactions and may be a factor in the high level of social interaction during drug-induced euphoria in humans. Acute exposure to MDMA is associated with a violent adverse effect profile in which subjects report aggressive and hostile symptoms. The results of this study have important implications for the treatment of MDMA and METH addiction.
Stimulant effects of 3,4-methylenedioxymethamphetamine (MDMA) 75 mg and methylphenidate 20 mg on actual driving during intoxication and withdrawal.

BACKGROUND: 3,4-methylenedioxymethamphetamine (MDMA) is currently one of the most popular drugs of abuse in Europe. Its increasing use over the last decade has led to concern regarding possible adverse effects on driving. The aims of the present study were to investigate the acute effects of MDMA on actual driving performance during the intoxication and withdrawal phase.

METHODS: Eighteen recreational MDMA-users (nine males, nine females) aged 21-39 years participated in a double-blind, placebo-controlled, three-way cross-over study. MDMA 75 mg, methylphenidate 20 mg and placebo were administered on day 1 of treatment (intoxication phase). Driving tests were conducted between 3 and 5 hours post-drug. Subjects returned the following day for a repetition of the driving tests between 27 and 29 hours post-drug (withdrawal phase). On-the-road driving tests consisted of a road-tracking test and a car-following test. Its main parameters were standard deviation of lateral position (SDLP), time to speed adaptation (TSA), brake reaction time (BRT) and gain. FINDINGS: MDMA and methylphenidate significantly decreased SDLP in the road-tracking tests by about 2 cm relative to placebo on day 1 (intoxication phase). In addition, MDMA intoxication decreased performance in the car-following test as indicated by a significant rise in the 'overshoot' of the subjects' response to speed decelerations of the leading vehicle. Driving performance was not affected by treatments during withdrawal on day 2.

CONCLUSION: Collectively, these data indicate that MDMA is a stimulant drug that may improve certain aspects of the driving task, such as road-tracking performance, but may reduce performance in other aspects of the driving task, such as accuracy of speed adaptation during car-following performance.