

# Best Evidence Summaries of Topics in Mental Healthcare

## **BEST** *in* **MH** *clinical question-answering service*

### **Question**

In older adults with a diagnosis of depression and a history of cavernous cranial hemangioma, what evidence is there around the efficacy, safety and optimum dosage of mirtazapine when compared to other antidepressants with the aim of aiding recovery from depression?

### **Clarification of question using PICO structure (PICTRO for diagnostic questions)**

*Patients:* Older adults with depression and a history of cavernous cranial hemangioma

*Intervention (Index Test):* Mirtazapine

*Comparator (Comparative test(s)):* Other antidepressants

*(Target Condition):* n/a

*(Reference Standard):* n/a

*Outcome:* Recovery from depression

### **Clinical and research implications**

No directly relevant studies were found to answer this question. There may be evidence about the efficacy of mirtazapine in comparison to other antidepressants for the treatment of depression.

### **What does the evidence say?**

*Number of included studies/reviews (number of participants):* No directly relevant studies were identified.

*Main Findings:* n/a

*Authors Conclusions:* n/a

*Reliability of conclusions/Strength of evidence:* n/a

### **What do guidelines say?**

No directly relevant UK based guidelines were identified.

**Date question received:** 08/08/2011  
**Date searches conducted:** 15/11/2011  
**Date answer completed:** 16/11/2011

## Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<b><i>SRs and Guidelines</i></b>			
NICE	(haemangioma or hemangioma) and mirtazapine	3	0
DARE	(haemangioma or hemangioma) and mirtazapine	0	0
CDSR	Mirtazapine and (hemangioma or haemangioma)	0	0
<b><i>Primary studies</i></b>			
MEDLINE	See below	0	0
EMBASE	See below	1	0
PsychINFO	See below	0	0
CENTRAL	See below	0	0
<b>Summary</b>	<b>NA</b>	<b>NA</b>	

Database: Medline 1950 to present

Search Strategy:

- 
- 1 exp Hemangioma, Cavernous/ (5741)
  - 2 (cavernous adj3 h?emangioma\$.tw. (2911)
  - 3 ((cranial or brain) adj3 h?emangioma\$.tw. (97)
  - 4 mirtazepine.tw. (27)
  - 5 mirtazapine.tw. (1053)
  - 6 Mianserin/ (2116)
  - 7 zispin.tw. (2)
  - 8 Remeron.tw. (29)
  - 9 or/1-3 (6412)

- 10 or/4-8 (2464)
- 11 9 and 10 (0)

Database: Embase <1980 to 2011 Week 45>

Search Strategy:

- 
- 1 exp brain hemangioma/ (2105)
  - 2 cavernous hemangioma/ (5697)
  - 3 (cavernous adj3 h?emangioma\$.tw. (3350)
  - 4 ((cranial or brain) adj3 h?emangioma\$.tw. (98)
  - 5 or/1-4 (8399)
  - 6 mirtazapine/ (6974)
  - 7 mirtazapine.tw. (1561)
  - 8 mirtazepine.tw. (53)
  - 9 zispin.tw. (21)
  - 10 Remeron.tw. (719)
  - 11 or/6-10 (7052)
  - 12 5 and 11 (1)

Database: PsycINFO <1806 to November Week 2 2011>

Search Strategy:

- 
- 1 (cavernous adj3 h?emangioma\$.tw. (25)
  - 2 ((cranial or brain) adj3 h?emangioma\$.tw. (3)
  - 3 mirtazepine.tw. (21)
  - 4 mirtazapine.tw. (784)
  - 5 zispin.tw. (0)
  - 6 Remeron.tw. (13)
  - 7 1 or 2 (26)
  - 8 or/3-6 (802)
  - 9 7 and 8 (0)

The Cochrane Library (CENTRAL)

#1 mirtazepine  
#2 Remeron  
#3 zispin  
#4. mitazapine  
#5 (#1 OR #2 OR #3 or #4)  
#6 hemangioma or haemangioma  
#7 (#5 AND #6)

No hits

EMBASE record

<1>

Accession Number

2004531010

Authors

Kang N. Passmore M.J.

Institution

(Kang, Passmore) Division of Geriatric Psychiatry, Department of Psychiatry, University of British Columbia, Geriatric Psychiatry Program, Canada

(Passmore) Riverview Hospital, Geriatric Psychiatry Program, 2601 Lougheed Highway, Coquitlam, BC V3C 4J2, Canada

Correspondence Address

M.J. Passmore, Riverview Hospital, Geriatric Psychiatry Program, 2601 Lougheed Highway, Coquitlam, BC V3C 4J2, Canada. E-mail:

michaelpassmore@shaw.ca

Country of Publication

United States

Title

Successful ECT in a patient with an orbital cavernous hemangioma.

Source

Journal of ECT. 20 (4) (pp 267-271), 2004. Date of Publication: 2004.

**Disclaimer**

BEST in MH answers to clinical questions are for information purposes only. BEST in MH does not make recommendations. Individual health care providers are responsible for assessing the applicability of BEST in MH answers to their clinical practice. BEST in MH is not responsible or liable for, directly or indirectly, any form of damage resulting from the use/misuse of information contained in or implied by these documents. Links to other sites are provided for information purposes only. BEST in MH cannot accept responsibility for the content of linked sites.

*© Best Evidence Summaries of Topics in Mental Health 2013*