

# Best Evidence Summaries of Topics in Mental Healthcare

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

## Question

For adults prescribed antipsychotic medication, which of the GASS\* and LUNSERST† scales for measuring side-effects possesses stronger psychometric properties and/or has the most supporting evidence?

## Clarification of question using *PICTRO* structure

<i>Patients:</i>	Adults prescribed antipsychotic medication
<i>Intervention:</i>	GASS *
<i>Comparator:</i>	LUNSERST†
<i>Target condition:</i>	Any condition requiring antipsychotic medication
<i>Reference standard:</i>	Any reference standard
<i>Outcome:</i>	All psychometric properties and/or amount of supporting evidence

\*Glasgow Antipsychotic Side-effect Scale

† Liverpool University Neuroleptic Side Effect Rating Scale

**Clinical and research implications**

No relevant systematic reviews or primary studies could be found to directly answer this question.

***Number of included studies/reviews (number of participants)***

N/A

***Main findings***

N/A

***Authors conclusions***

N/A

***Reliability of conclusions/Strength of evidence***

N/A

**What do guidelines say?**

Neither National Institute for Health and Care Excellence (NICE) nor Searching of Scottish Intercollegiate Guidelines Network (SIGN) guidelines comment on the validity or reliability of either the GASS or LUNSERS.

**Date question received:** 10/04/2015

**Date searches conducted:** 16/04/2015

**Date answer completed:** 16/04/2015

## Search details

Source	Search Strategy	Number of hits	Relevant evidence identified
<i>Guidelines</i>			
NICE	LUNSERS GASS side effects antipsychotic scales	0 2 27	0 0 0
<i>Systematic Reviews &amp; Primary Studies</i>			
MEDLINE	1. MEDLINE; GASS.ti,ab; 406 results. 2. MEDLINE; (Glasgow AND Antipsychotic AND Side-effect AND Scale).ti,ab; 3 results. 3. MEDLINE; LUNSERS.ti,ab; 25 results. 4. MEDLINE; (Liverpool AND University AND Neuroleptic AND Side AND Effect AND Rating AND Scale).ti,ab; 45 results. 5. MEDLINE; (medicat* OR psycho* OR side* OR scale* OR measure* AND antipsychotic* OR Glasgow).ti,ab; 21045 results. 6. MEDLINE; 1 AND 5; 2 results. 7. MEDLINE; 2 OR 3 OR 4 OR 6; 38 results.	38	0
EMBASE	1. EMBASE; GASS.ti,ab; 306 results. 2. EMBASE; (Glasgow AND Antipsychotic AND Side-effect AND Scale).ti,ab; 2 results. 3. EMBASE; LUNSERS.ti,ab; 38 results. 4. EMBASE; (Liverpool AND University AND Neuroleptic AND Side AND Effect AND Rating AND Scale).ti,ab; 40 results. 5. EMBASE; (medicat* OR psycho* OR side* OR scale* OR measure* AND antipsychotic* OR Glasgow).ti,ab; 17848 results. 6. EMBASE; 1 AND 5; 3 results. 7. EMBASE; 2 OR 3 OR 4 OR 6; 54 results.	54	0
CINAHL	1. CINAHL; GASS.ti,ab; 145 results. 2 CINAHL; (Glasgow AND Antipsychotic AND Side-effect AND Scale).ti,ab; 1 result. 3. CINAHL; LUNSERS.ti,ab; 25 results.	9	0

	<p>4. CINAHL; (Liverpool AND University AND Neuroleptic AND Side AND Effect AND Rating AND Scale).ti,ab; 26 results.</p> <p>5. CINAHL; (medicat* OR psycho* OR side* OR scale* OR measure* AND antipsychotic* OR Glasgow).ti,ab; 9856 results.</p> <p>6. CINAHL; 1 AND 5; 2 results.</p> <p>7. CINAHL; 2 OR 3 OR 4 OR 6; 9 results.</p>		
CENTRAL	<p>1. CENTRAL; GASS.ti,ab; 260 results.</p> <p>2. CENTRAL; (Glasgow AND Antipsychotic AND Side-effect AND Scale).ti,ab; 3 results.</p> <p>3. CENTRAL; LUNSERS.ti,ab; 26 results.</p> <p>4. CENTRAL; (Liverpool AND University AND Neuroleptic AND Side AND Effect AND Rating AND Scale).ti,ab; 24 results.</p> <p>5. CENTRAL; (medicat* OR psycho* OR side* OR scale* OR measure* AND antipsychotic* OR Glasgow).ti,ab; 10452 results.</p> <p>6. CENTRAL; 1 AND 5; 2 results.</p> <p>7. CENTRAL; 2 OR 3 OR 4 OR 6; 15 results.</p>	15	0

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