

**Manuscript version: Supplementary Information**

The version presented here is a Supplementary Information that may be later published elsewhere.

**Persistent WRAP URL:**

<http://wrap.warwick.ac.uk/156431>

**How to cite:**

Please refer to the repository item page, detailed above, for the most recent bibliographic citation information. If a published version is known of, the repository item page linked to above, will contain details on accessing it.

**Copyright and reuse:**

The Warwick Research Archive Portal (WRAP) makes this work by researchers of the University of Warwick available open access under the following conditions.

Copyright © and all moral rights to the version of the paper presented here belong to the individual author(s) and/or other copyright owners. To the extent reasonable and practicable the material made available in WRAP has been checked for eligibility before being made available.

Copies of full items can be used for personal research or study, educational, or not-for-profit purposes without prior permission or charge. Provided that the authors, title and full bibliographic details are credited, a hyperlink and/or URL is given for the original metadata page and the content is not changed in any way.

**Publisher's statement:**

Please refer to the repository item page, publisher's statement section, for further information.

For more information, please contact the WRAP Team at: [wrap@warwick.ac.uk](mailto:wrap@warwick.ac.uk).

Title: A systematic review and narrative synthesis of mental imagery tasks in people with an intellectual disability: implications for psychological therapies [search strategy]

Authors: Olivia Hewitt, Peter Langdon, Craig Steel, Michael Larkin, Nikita Hayden

Review registered at PROSPERO 2021 CRD42021240930

Available from: [https://www.crd.york.ac.uk/prospero/display\\_record.php?ID=CRD42021240930](https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42021240930)

| Resource Type       | Platform               | Name of Resource   | Resource specific terms  |
|---------------------|------------------------|--|--|
| Electronic database | Through HDAS           | CINAHL   | Subject headings: "intellectual disability", "developmental disabilities"  |
| Electronic database | Through HDAS           | MedLine  | MeSH "intellectual disability", "persons with mental disabilities", "learning disabilities", "developmental disabilities", "learning disabilities", "Imagery, Psychotherapy" |
| Electronic database | Through HDAS           | AMED   | Subject headings: "learning disability", "mental retardation", "imagery", "relaxation", "visualisation"  |
| Electronic database | Through Ovid Online    | Embase   | Subject headings: "intellectual impairment", "learning disorder", "mental deficiency", "imagery"   |
| Electronic database | Through HDAS           | PsychInfo  | Thesaurus terms: "Intellectual Development", "Intellectual Development Disorder", "Learning Disabilities", "Learning Disorders"  |
| Electronic database | Through HDAS           | BNI  | Thesaurus terms: "Intellectual Development", "Intellectual Development Disorder", "Learning Disabilities", "Learning Disorders"  |
| Registers           |                        | Cochrane Central Register of Controlled Trials (CENTRAL) | MeSH terms: "Developmental Disabilities", "Intellectual Disability", "Learning Disabilities"   |
| Grey literature     | British Library        | ETHoS  |  |
| Grey literature     |                        | Google Scholar   |  |
| Electronic Database | Through Web of Science | Conference proceedings Index                             |  |

## CINAHL

### Group A

1. Subject heading \*"INTELLECTUAL DISABILITY"/
2. Subject heading \*"DEVELOPMENTAL DISABILITIES"/
3. intellectual\* N1 disab\* ab,ti.
4. learning disab\* ab,ti.
5. intellectual\* deficien\* ab,ti.
6. intellectual\* retard\* ab,ti.
7. intellectual\* impair\* ab,ti.
8. intellectual handicap\* ab,ti.
9. intellectual\* subnormal\* ab,ti.
10. learning deficien\* ab,ti.
11. learning impair\* ab,ti.
12. learning retard\* ab,ti.
13. learning subnormal\* ab,ti.
14. learning handicap\* ab,ti.
15. mental\* retard\* ab,ti.
16. mental\* deficien\* ab,ti.
17. mental\* handicap\* ab,ti.
18. mental\* disab\* ab,ti.
19. mental\* impair\* ab,ti.
20. mental\* subnormal\* ab,ti.
21. intellectual developmental disab\* ab,ti.
22. intellectual development disorder\* ab,ti.
23. down\* syndrome ab,ti.
24. profound\* multiple learning disab\* ab,ti.
25. profound\* intellectual\* multiple disab\* ab,ti.
26. pervasive developmental\* disorder\* ab,ti.
27. pervasive developmental\* disorder\* otherwise specified ab,ti.
28. special education\* need\* ab,ti.
29. special need\* ab,ti.
30. special education\* need\* disabilit\* ab,ti.
31. special need\* disabilit\* ab,ti.
32. developmental\* disab\* ab,ti.
33. developmental\* disorder\* ab,ti.
34. developmental\* delay\* ab,ti.
35. developmental\* difficult\* ab,ti.
36. developmental\* impair\* ab,ti.
37. developmental\* handicap\* ab,ti.
38. developmental\* retard\* ab,ti.
39. developmental\* subnormal\* ab,ti.
40. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40

### Group B

41. Image\* ab,ti.
42. Mental representation\* ab,ti.
43. observer perspective ab,ti.
44. mental imag\* ab,ti.
45. mental imagery perspectives ab,ti.
46. mental practice ab,ti.
47. imagery measur\* ab,ti.
48. imagery assessment ab,ti.
49. intrusive memor\* ab,ti.
50. subjective imag\* ab,ti.
51. imag\* generat\* ab,ti.
52. imag\* maintenance ab,ti.
53. imag\* inspection ab,ti.
54. imag\* transform\* ab,ti.
55. visu\* working memor\* ab,ti.
56. spatial working memor\* ab,ti.
57. eidetic imag\* ab,ti.
58. guided imag\* ab,ti.
59. image\* rescript\* ab,ti.
60. compassion focused therapy ab,ti.
61. compassion ab,ti.
62. relax\* therap\* ab,ti.
63. compassio\* imag\* ab,ti.
64. self-sooth\* task ab,ti.
65. visualis\* ab,ti.
66. meditation ab,ti.
67. eye movement desensitization and reprocessing ab,ti.
68. EMDR ab,ti.
69. flash forward ab,ti.
70. Flash black ab,ti.
71. pain manage\* psychol\* ab,ti.
72. hypnosis intellectual disabil\* ab,ti.
73. image generation task ab,ti.
74. image maintenance task ab,ti.
75. image scanning task ab,ti.
76. map scanning task ab,ti.
77. mental rotation ab,ti.
78. prospective imag\* ab,ti.
79. imag\* restruct\* ab,ti.
80. imag\* reinterpret\* ab,ti.
81. imag\* exposur\* ab,ti.
82. positiv\* imag\* generat\* ab,ti.
83. Episodic simulation ab,ti.
84. 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83
85. 40 and 84

Limit to published date 1 January 1980 to date of search (2021)

## MEDLINE

### Group A

- 1 \*"INTELLECTUAL DISABILITY"/
- 2 \*"PERSONS WITH MENTAL DISABILITIES"/
- 3 \*"LEARNING DISABILITIES"/
- 4 \*"DEVELOPMENTAL DISABILITIES"/
- 5 (intellectual\* disab\*).ti,ab
- 6 (learning disab\*).ti,ab
- 7 (intellectual\* deficien\*).ti,ab
- 8 (intellectual\* retard).ti,ab
- 9 (intellectual\* impair\*).ti,ab
- 10 (intellectual\* handicap\*).ti,ab
- 11 (intellectual\* subnormal\*).ti,ab
- 12 (learning deficien\*).ti,ab
- 13 (learning retard\*).ti,ab
- 14 (learning subnormal\*).ti,ab
- 15 (learning handicap\*).ti,ab
- 16 (mental\* retard\*).ti,ab
- 17 (mental\* deficien\*).ti,ab
- 18 (mental\* handicap\*).ti,ab
- 19 (mental\* disab\*).ti,ab
- 20 (mental\* subnormal\*).ti,ab
- 21 (intellectual developmental disab\*).ti,ab
- 22 (intellectual development disorder\*).ti,ab
- 23 (profound\* multiple learning disab\*).ti,ab
- 24 (profound\* intellectual\* multiple disab\*).ti,ab
- 25 (pervasive developmental\* disorder\*).ti,ab
- 26 (pervasive developmental\* disorder\* otherwise specified).ti,ab
- 27 (special education\* need\*).ti,ab

- 28 (special education\* need\* disabilit\*).ti,ab
- 29 (special need\* disabilit\*).ti,ab
- 30 (developmental\* disab\*).ti,ab
- 31 (developmental\* handicap\*).ti,ab
- 32 (developmental\* retard\*).ti,ab
- 33 (developmental\* subnormal\*).ti,ab

Group B

- 34 \*"IMAGERY, PSYCHOTHERAPY"/
- 35 (Mental representation\*).ti,ab
- 36 (observer perspective).ti,ab
- 37 (mental imag\*).ti,ab
- 38 (mental imagery perspectives).ti,ab
- 39 (imagery measur\*).ti,ab
- 40 (imagery assessment).ti,ab
- 41 (intrusive memor\*).ti,ab
- 42 (imag\* maintenance).ti,ab
- 43 (imag\* inspection).ti,ab
- 44 (eidetic imag\*).ti,ab
- 45 (image\* rescript\*).ti,ab
- 46 (compassion focused therapy).ti,ab
- 47 (compassion).ti,ab
- 48 (compassio\* imag\*).ti,ab
- 49 (self-sooth\* task).ti,ab
- 50 ("eye movement desensitization and reprocessing").ti,ab
- 51 (EMDR).ti,ab
- 52 (flash forward).ti,ab
- 53 (Flash-black).ti,ab
- 54 (pain manage\* psychol\*).ti,ab
- 55 (hypnosis intellectual disabil\*).ti,ab
- 56 (image generation task).ti,ab
- 57 (image maintenance task).ti,ab

- 58 (image scanning task).ti,ab
- 59 (map scanning task).ti,ab
- 60 (mental rotation).ti,ab
- 61 (imag\* restruct\*).ti,ab
- 62 (imag\* reinterpret\*).ti,ab
- 63 (Episodic simulation).ti,ab
- 64 (1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33)
- 65 (OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53 OR 54 OR 55 OR 56 OR 57 OR 58 OR 59 OR 60 OR 61 OR 62 OR 63)
- 66 (64 AND 65)
- 67 66 [DT 1980-2021]

## **AMED**

### **Group A**

1. Subject headings "learning disability"
2. Subject headings "mental retardation"
3. intellectual\* adj1 disab\*ab,ti.
4. learning adj1 disab\*ab,ti.
5. intellectual\* adj1 deficien\* ab,ti.
6. intellectual\* adj retard\* ab,ti.
7. intellectual\* adj1 impair\* ab,ti.
8. intellectual\* adj1 handicap\* ab,ti.
9. intellectual\* adj1 subnormal\* ab,ti.
10. learning adj1 difficult\* ab,ti.
11. learning adj1 deficien\* ab,ti.
12. learning adj1 impair\* ab,ti.
13. learning adj1 retard\* ab,ti.
14. learning adj1 subnormal\* ab,ti.
15. learning adj1 handicap\* ab,ti.
16. mental\* adj1 retard\* ab,ti.
17. mental\* adj1 deficien\* ab,ti.
18. mental\* adj1 handicap\* ab,ti.
19. mental\* adj1 disab\* ab,ti.
20. mental\* adj1 impair\* ab,ti.
21. mental\* adj1 subnormal\* ab,ti.
22. intellectual adj1 developmental adj1 disab\* ab,ti.

23. intellectual adj1 development adj1 disorder\* ab,ti.
24. down\* adj1 syndrome ab,ti.
25. profound\* adj2 multiple adj1 learning adj1 disab\* ab,ti.
26. profound\* adj1 intellectual\* adj1 multiple adj1 disab\* ab,ti.
27. pervasive adj1 developmental\* adj1 disorder\* ab,ti.
28. pervasive adj1 developmental\* adj1 disorder\* adj2 otherwise specified ab,ti.
29. special adj1 education\* adj1 need\* ab,ti.
30. special adj1 need\* ab,kw,sh,ti.
31. special adj1 education\* adj1 need\* adj2 disabilit\* ab,ti.
32. special adj1 need\* adj2 disabilit\* ab,ti.
33. developmental\* adj1 disab\* ab,ti.
34. developmental\* adj1 disorder\* ab,ti.
35. developmental\* adj1 delay\* ab,ti.
36. developmental\* adj1 difficult\* ab,ti.
37. developmental\* adj1 impair\* ab,ti.
38. developmental\* adj1 handicap\* ab,ti.
39. developmental\* adj1 retard\* ab,ti.
40. developmental\* adj1 subnormal\* ab,ti.
41. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40

#### Group B

42. Subject heading "imagery"
43. Subject heading "relaxation"
44. Subject heading "visualisation"
45. Image\* ab,ti.
46. Mental representation\* ab,ti.
47. observer perspective ab,ti.
48. mental imag\* ab,ti.
49. mental imagery perspectives ab,ti.
50. mental practice ab,ti.
51. imagery measur\* ab,ti.
52. imagery assessment ab,ti.
53. intrusive memor\* ab,ti.
54. clinical imag\* ab,ti.
55. subjective imag\* ab,ti.
56. imag\* generat\* ab,ti.
57. imag\* maintenance ab,ti.
58. imag\* inspection ab,ti.
59. imag\* transform\* ab,ti.
60. visu\* working memor\* ab,ti.
61. spatial working memor\* ab,ti.
62. eidetic imag\* ab,ti.
63. imag\* deficit ab,ti.
64. guided imag\* ab,ti.
65. image\* rescript\* ab,ti.
66. compassion focused therapy ab,ti.



67. compassion ab,ti.
68. relax\* adj1 therap\* ab,ti.
69. compassio\* imag\* ab,ti.
70. self-sooth\* task ab,ti.
71. visualis\* ab,ti.
72. meditation ab,ti.
73. "eye movement desensitization and reprocessing" ab,ti.
74. EMDR ab,ti.
75. flash forward ab,ti.
76. Flash-black ab,ti.
77. pain manage\* adj6 psychol\* ab,ti.
78. hypnosis adj6 intellectual disabil\* ab,ti.
79. image generation task ab,ti.
80. image maintenance task ab,ti.
81. image scanning task ab,ti.
82. map scanning task ab,ti.
83. mental rotation ab,ti.
84. prospective imag\* ab,ti.
85. imag\* restruct\* ab,ti.
86. imag\* reinterpret\* ab,ti.
87. imag\* exposur\* ab,ti.
88. imag\* reduct\* ab,ti.
89. positiv\* imag\* generat\* ab,ti.
90. menta\* synthes\* ab,ti.
91. Episodic simulation ab,ti.
92. 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91
93. 41 and 92

Limits publication year 1980-2021

## Embase

### Group A

1. Subject heading intellectual impairment.mp. or \*intellectual impairment/
2. Subject heading learning disorder.mp. or \*learning disorder/
3. Subject heading mental deficiency.mp. or \*mental deficiency/
4. learning adj1 disab\* ab,ti.
5. intellectual\* adj1 deficien\* ab,ti.
6. intellectual\* adj retard\* ab,ti.
7. intellectual\* adj1 impair\* ab,ti.
8. intellectual\* adj1 handicap\* ab,ti.
9. intellectual\* adj1 subnormal\* ab,ti.
10. learning adj1 difficult\* ab,ti.
11. learning adj1 deficien\* ab,ti.
12. learning adj1 impair\* ab,ti.
13. learning adj1 retard\* ab,ti.

14. learning adj1 subnormal\* ab,ti.
15. learning adj1 handicap\* ab,ti.
16. mental\* adj1 retard\* ab,ti.
17. mental\* adj1 deficien\* ab,ti.
18. mental\* adj1 handicap\* ab,ti.
19. mental\* adj1 disab\* ab,ti.
20. mental\* adj1 impair\* ab,ti.
21. mental\* adj1 subnormal\* ab,ti.
22. intellectual adj1 developmental adj1 disab\* ab,ti.
23. intellectual adj1 development adj1 disorder\* ab,ti.
24. down\* adj1 syndrome ab,ti.
25. profound\* adj2 multiple adj1 learning adj1 disab\* ab,ti.
26. profound\* adj1 intellectual\* adj1 multiple adj1 disab\* ab,ti.
27. pervasive adj1 developmental\* adj1 disorder\* ab,ti.
28. pervasive adj1 developmental\* adj1 disorder\* adj2 otherwise specified ab,ti.
29. special adj1 education\* adj1 need\* ab,ti.
30. special adj1 need\* ab,ti.
31. special adj1 education\* adj1 need\* adj2 disabilit\* ab,ti.
32. special adj1 need\* adj2 disabilit\* ab,ti.
33. developmental\* adj1 disab\* ab,ti.
34. developmental\* adj1 disorder\* ab,ti.
35. developmental\* adj1 delay\* ab,ti.
36. developmental\* adj1 difficult\* ab,ti.
37. developmental\* adj1 impair\* ab,ti.
38. developmental\* adj1 handicap\* ab,ti.
39. developmental\* adj1 retard\* ab,ti.
40. developmental\* adj1 subnormal\* ab,ti.
41. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41

#### Group B

42. Subject heading imagery.mp. or \*imagery/ or guided imagery/
43. Image\* ab,ti.
44. Mental representation\* ab,ti.
45. observer perspective ab,ti.
46. mental imag\* ab,ti.
47. mental imagery perspectives ab,ti.
48. mental practice ab,ti.
49. imagery measur\* ab,ti.
50. imagery assessment ab,ti.
51. intrusive memor\* ab,ti.
52. clinical imag\* ab,ti.
53. subjective imag\* ab,ti.
54. imag\* generat\* ab,ti.
55. imag\* maintenance ab,ti.
56. imag\* inspection ab,ti.
57. imag\* transform\* ab,ti.

58. visu\* working memor\* ab,ti.
59. spatial working memor\* ab,ti.
60. eidetic imag\* ab,ti.
61. imag\* deficit ab,ti.
62. guided imag\* ab,ti.
63. image\* rescript\* ab,ti.
64. compassion focused therapy ab,ti.
65. compassion ab,ti.
66. relax\* adj1 therap\* ab,ti.
67. compassio\* imag\* ab,ti.
68. self-sooth\* task ab,ti.
69. visualis\* ab,ti.
70. meditation ab,ti.
71. eye movement desensitization and reprocessing ab,ti.
72. EMDR ab,ti.
73. flash forward ab,ti.
74. Flash-black ab,ti.
75. pain manage\* adj6 psychol\* ab,ti.
76. hypnosis adj6 intellectual disabil\* ab,ti.
77. image generation task ab,ti.
78. image maintenance task ab,ti.
79. image scanning task ab,ti.
80. map scanning task ab,ti.
81. mental rotation ab,ti.
82. prospective imag\* ab,ti.
83. imag\* reconstruct\* ab,ti.
84. imag\* reinterpret\* ab,ti.
85. imag\* exposur\* ab,ti.
86. imag\* reduct\* ab,ti.
87. positiv\* imag\* generat\* ab,ti.
88. menta\* synthes\* ab,ti.
89. Episodic simulation ab, ti.
90. 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89
91. 42 and 90

Limits publication year 1980-2021

## PsychInfo

### Group A

1. MAINSUBJECT Intellectual Development
2. MAINSUBJECT Intellectual Development Disorder
3. MAINSUBJECT Learning Disabilities
4. MAINSUBJECT Learning Disorders
5. intellectual\* disab\* ab,ti.
6. learning disab\* ab,ti.

7. intellectual\* deficien\* ab,ti.
8. intellectual\* retard\* ab,ti.
9. intellectual\* impair\* ab,ti.
10. intellectual\* handicap\* ab,ti.
11. intellectual\* subnormal\* ab,ti.
12. learning difficult\* ab,ti.
13. learning deficien\* ab,ti.
14. learning impair\* ab,ti.
15. learning retard\* ab,ti.
16. learning subnormal\* ab,ti.
17. learning handicap\* ab,ti.
18. mental\* retard\* ab,ti.
19. mental\* deficien\* ab,ti.
20. mental\* handicap\* ab,ti.
21. mental\* disab\* ab,ti.
22. mental\* impair\* ab,ti.
23. mental\* subnormal\* ab,ti.
24. intellectual developmental disab\* ab,ti.
25. intellectual development\* disorder\* ab,ti.
26. down\* syndrome ab,ti.
27. profound\* multiple learning disab\* ab,ti.
28. profound\* intellectual\* multiple disab\* ab,ti.
29. pervasive developmental\* disorder\* ab,ti.
30. pervasive developmental\* disorder\* otherwise specified ab,ti.
31. special education\* need\* ab,ti.
32. special need\* ab,ti.
33. special education\* need\* disabilit\* ab,ti.
34. special need\* disabilit\* ab,ti.
35. developmental\* disab\* ab,ti.
36. developmental\* disorder\* ab,ti.
37. developmental\* delay\* ab,ti.
38. developmental\* difficult\* ab,ti.
39. developmental\* impair\* ab,ti.
40. developmental\* handicap\* ab,ti.
41. developmental\* retard\* ab,ti.
42. developmental\* subnormal\* ab,ti.
43. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16  
OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30  
OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42

#### Group B

44. Image\* ab,ti.
45. Mental representation\* ab,ti.
46. observer perspective ab,ti.
47. mental imag\* ab,ti.
48. mental imagery perspectives ab,ti.
49. mental practice ab,ti.
50. imagery measur\* ab,ti.

51. imagery assessment ab,ti.
52. intrusive memor\* ab,ti.
53. subjective imag\* ab,ti.
54. imag\* generat\* ab,ti.
55. imag\* maintenance ab,ti.
56. imag\* inspection ab,ti.
57. imag\* transform\* ab,ti.
58. visu\* working memor\* ab,ti.
59. spatial working memor\* ab,ti.
60. eidetic imag\* ab,ti.
61. imag\* deficit ab,ti.
62. guided imag\* ab,ti.
63. image\* rescript\* ab,ti.
64. compassion focused therapy ab,ti.
65. compassion ab,ti.
66. relax\* therap\* ab,ti.
67. compassio\* imag\* ab,ti.
68. self-sooth\* task ab,ti.
69. visualis\* ab,ti.
70. meditation ab,ti.
71. eye movement desensitization and reprocessing ab,ti.
72. EMDR ab,ti.
73. flash forward ab,ti.
74. Flash black ab,ti.
75. pain manage\* psychol\* ab,ti.
76. hypnosis intellectual disabil\* ab,ti.
77. image generation task ab,ti.
78. image maintenance task ab,ti.
79. image scanning task ab,ti.
80. map scanning task ab,ti.
81. mental rotation ab,ti.
82. prospective imag\* ab,ti.
83. imag\* restruct\* ab,ti.
84. imag\* reinterpret\* ab,ti.
85. positiv\* imag\* generat\* ab,ti.
86. Episodic simulation ab, ti.
87. 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53 OR 54 OR 55 OR 56 OR 57 OR 58 OR 59 OR 60 OR 61 OR 62 OR 63 OR 64 OR 65 OR 66 OR 67 OR 68 OR 69 OR 70 OR 71 OR 72 OR 73 OR 74 OR 75 OR 76 OR 77 OR 78 OR 79 OR 80 OR 81 OR 82 OR 83 OR 84 OR 85 OR 86
88. 43 and 87

Publication date after this date 1 January 1980

## **BNI**

### Group A

1. MAINSUBJECT.EXACT(Intellectual disabilities)
2. MAINSUBJECT.EXACT(Developmental disabilities)

3. intellectual\* disab\* ab,ti.
4. Learning disab\*ab,ti.
5. intellectual\* deficien\* ab,ti.
6. intellectual\* retard\* ab,ti.
7. intellectual\* impair\* ab,ti.
8. intellectual\* handicap\* ab,ti.
9. intellectual\* subnormal\* ab,ti.
10. learning difficult\* ab,ti.
11. learning deficien\* ab,ti.
12. learning impair\* ab,ti.
13. learning retard\* ab,ti.
14. learning subnormal\* ab,ti.
15. learning handicap\* ab,ti.
16. mental\* retard\* ab,ti.
17. mental\* deficien\* ab,ti.
18. mental\* handicap\* ab,ti.
19. mental\* disab\* ab,ti.
20. mental\* impair\* ab,ti.
21. mental\* subnormal\* ab,ti.
22. intellectual developmental disab\* ab,ti.
23. intellectual development\* disorder\* ab,ti.
24. down\* syndrome ab,ti.
25. profound\* multiple learning disab\* ab,ti.
26. profound\* intellectual\* multiple disab\* ab,ti.
27. pervasive developmental\* disorder\* ab,ti.
28. pervasive developmental\* disorder\* otherwise specified ab,ti.
29. special education\* need\* ab,ti.
30. special need\* ab,ti.
31. special education\* need\* disabilit\* ab,ti.
32. special need\* disabilit\* ab,ti.
33. developmental\* disab\* ab,ti.
34. developmental\* disorder\* ab,ti.
35. developmental\* delay\* ab,ti.
36. developmental\* difficult\* ab,ti.
37. developmental\* impair\* ab,ti.
38. developmental\* handicap\* ab,ti.
39. developmental\* retard\* ab,ti.
40. developmental\* subnormal\* ab,ti.
41. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18o 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42

#### Group B

42. Image\* ab,ti.
43. Mental representation\* ab,ti.
44. observer perspective ab,ti.
45. mental imag\* ab,ti.
46. mental imagery perspectives ab,ti.

47. mental practice ab,ti.
48. imagery measur\* ab,ti.
49. imagery assessment ab,ti.
50. intrusive memor\* ab,ti.
51. subjective imag\* ab,ti.
52. imag\* generat\* ab,ti.
53. imag\* maintenance ab,ti.
54. imag\* inspection ab,ti.
55. imag\* transform\* ab,ti.
56. visu\* working memor\* ab,ti.
57. spatial working memor\* ab,ti.
58. eidetic imag\* ab,ti.
59. imag\* deficit ab,ti.
60. guided imag\* ab,ti.
61. image\* rescript\* ab,ti.
62. compassion focused therapy ab,ti.
63. compassion ab,ti.
64. relax\* therap\* ab,ti.
65. compassio\* imag\* ab,ti.
66. self-sooth\* task ab,ti.
67. visualis\* ab,ti.
68. meditation ab,ti.
69. eye movement desensitization and reprocessing ab,ti.
70. EMDR ab,ti.
71. flash forward ab,ti.
72. Flash black ab,ti.
73. pain manage\* psychol\* ab,ti.
74. hypnosis intellectual disabil\* ab,ti.
75. image generation task ab,ti.
76. image maintenance task ab,ti.
77. image scanning task ab,ti.
78. map scanning task ab,ti.
79. mental rotation ab,ti.
80. prospective imag\* ab,ti.
81. imag\* reconstruct\* ab,ti.
82. imag\* reinterpret\* ab,ti.
83. positiv\* imag\* generat\* ab,ti.
84. Episodic simulation ab,ti.
85. 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84
86. 43 and 85

Publication date after this date 1 January 1980

### **Cochrane Central Register of Controlled Trials (CENTRAL)**

#### **Group A**

1. MeSH term "Developmental Disabilities",

2. MeSH term "Intellectual Disability",
3. MeSH term "Learning Disabilities"
4. "Intellectual disability\*" ab.ti.kw
5. "Intellectual Development Disorder" ab.ti.kw
6. "Mental retard\*" ab.ti.kw
7. "Development disorder\*" ab.ti.kw
8. "mental deficienc\*" ab.ti.kw
9. "Psychosocial Mental Retardation" ab.ti.kw
10. "Persons with Mental Disabilit\*" ab.ti.kw
11. "learning disability\*" ab.ti.kw
12. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11

#### Group B

13. "Image\*" ab.ti.kw
14. "Mental representation\*" ab.ti.kw
15. "mental imag\*" ab.ti.kw
16. "imagery assessment" ab.ti.kw
17. "intrusive memories" ab.ti.kw
18. "imag\* generat\*" ab.ti.kw
19. "imag\* maintenance" ab.ti.kw
20. "imag\* inspection" ab.ti.kw
21. "imag\* transform\*" ab.ti.kw
22. "guided imag\*" ab.ti.kw
23. "image\* rescript\*" ab.ti.kw
24. "compassion focused therapy" ab.ti.kw
25. "visualis\*" ab.ti.kw
26. "meditation" ab.ti.kw
27. "eye movement desensitization and reprocessing" ab.ti.kw
28. "EMDR" ab.ti.kw
29. "flash forward" ab.ti.kw
30. "flash black" ab.ti.kw
31. "pain manage\* AND psychol\*" ab.ti.kw
32. "image scanning tasks" ab.ti.kw
33. 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32
34. 12 and 33

Limit published after 1980

#### **ETHoS**

Search any word "learning disability" OR "intellectual disability" AND "mental Imagery"

#### **Google Scholar**

(intellectual disability OR learning disability) AND mental imagery

Limit to 1980-present

Sort by relevance



Screen first 100 results

### **Conference Proceedings Index**

#### Group A

1. TS=intellectual disability
2. TS=Learning Disabilities
5. TS=Intellectual Development Disorder
6. TS=Mental retardation
7. TS=Development disorder
8. 1 or 2 or 3 or 4 or 5 or 6 or 7

#### Group B

9. TS=mental image
10. TS=mental imagery
11. TS=Mental representation
12. TS=guided imag\*
13. TS=compassion focused therapy
14. TS=eye movement desensitization and reprocessing
15. TS=EMDR
16. TS=image scanning tasks
17. 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16
18. 8 and 17

Limit published after 1980