

Table 1

Search terms

| Setting And | Perspective AND | Intervention And | Evaluation |
|-----------------------|------------------------|--------------------------|---------------------|
| Hospital | Vulnerable adults | Behaviour control | Violence |
| OR | OR | OR | OR |
| Psychiatric hospitals | Adults at risk | Coercion | Abuse |
| OR | OR | OR | OR |
| Institutional setting | In-patient | Containment | Abuse of patients |
| OR | OR | OR | OR |
| Institution | Psychiatric patients | Control | Patient abuse |
| OR | OR | OR | OR |
| Institutional care | Mental health patients | Manual restraint | Abusive practice |
| OR | OR | OR | OR |
| Psychiatric unit | Consumer | Physical restraint | Sexual abuse |
| OR | OR | OR | OR |
| Nursing care | Client | Restraint | Trauma |
| OR | OR | OR | OR |
| Psychiatric nursing | Service user | Restraint physical | Risk |
| OR | | OR | OR |
| Psychiatric ward | | Restrictive intervention | Risk of injury |
| OR | | | OR |
| Psychiatric service | | | Adverse effect |
| OR | | | OR |
| Psychiatric unit | | | Adverse health care |
| OR | | | event |
| Psychiatric care | | | OR |
| Psychiatric setting | | | Adverse impact |
| OR | | | OR |
| Mental health ward | | | Elder abuse |
| OR | | | OR |
| mental health setting | | | Harm |
| OR | | | OR |
| mental health unit | | | Injury risk |
| | | | OR |
| | | | Physical abuse |

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|--|--|--|---|
| | | | OR Safeguarding OR Safety behaviour OR Post-traumatic stress disorder |
|--|--|--|---|

Table 2

Summary of articles

| Authors, Year, Country | Study Type and analysis | Aim | Sample and setting | Main themes from physical restraint | Quality Grading |
|--|--|--|---|--|-----------------|
| Bonner , Lowe, Rawcliffe and Wellman (2002) UK | Qualitative semi-structured interviews. Thematic analysis | To establish feasibility of using semi-structured interviews with patients following restraint. To gather information on factors which patients and staff felt helpful or unhelpful in their experience of restraint following restraint and to report on lived experiences of people involved | 12 staff and six patients in an inpatient mental health ward in South of England | Trauma/re-traumatisation Feeling ignored Inhumane conditions Distress Fear | C |
| Brophy, Roper, Hamilton, Tellez and McSherry (2016) Australia | Qualitative. Focus Groups Inductive analysis (NVivo software) | To examine the lived experiences of service users and carers around the use of seclusion and restraint | 30 mental health service users and 26 carers in four cities and one regional centre | Trauma/re-traumatisation Inhumane conditions Fear Control Power | C |

| | | | | | |
|---|---|--|---|--|---|
| Haw, Stubbs, Bickle and Stewart (2011) UK | Mixed methods. Qualitative Thematic analysis Quantitative Statistical analysis | To report on forensic rehabilitation of inpatients' experiences and preferences for physical restraint, seclusion and sedation | 57 patients in a forensic psychiatric setting | Feeling ignored Distress Dehumanisation Power Calm | B |
| Knowles, Hearne and Smith (2015) UK | Qualitative Interviews Thematic analysis | To examine the impact on the staff-patient therapeutic alliance | 8 patients on a medium secure unit | Power Dehumanisation Trauma/re-traumatisation | C |
| Lee, Gray, Gournay, Wright, Parr and Sayer (2003) UK | Mixed Methods Qualitative Thematic analysis Quantitative SPSS- Statistical analysis | Seek views of psychiatric nurses in their experience in use of restraint | 338 psychiatric nurse in regional, secure and psychiatric intensive care units in England and Wales | Dehumanisation Power | C |
| Sequeira and Halstead (2002) UK | Qualitative (Grounded Theory). Semi-structured interviews | To examine the experiences of physical restraint procedures from a service user perspective | 14 in-patients in a secure mental health setting | Power Distress Fear Control Calm | A |
| Sequeira and Halstead (2004) UK | Qualitative (Grounded Theory). Semi-structured interviews | To examine the experience of physical restraint by nursing staff in a secure mental health setting | 17 nurses in a secure mental health setting | Trauma/re-traumatisation Distress Power | A |
| Steinert, Bergbauer,, Schmid, and Gebhardt, (2007) Germany | Quantitative SPSS- Statistical analysis | To look at how seclusion and restraint might cause Post traumatic Stress Disorder and and re-victimisation | 117 mental health in-patients | Trauma/re-traumatisation | A |

| | | | | | |
|---|---|---|--|--|---|
| Wilson, Rouse, Rae and Rae (2017) UK | Qualitative Thematic analysis | To improve understanding of restraint for both staff and patients, who have direct experience or have witnessed restraint | 13 patients and 22 staff in adult mental health in-patient environments. | Fear Power Dehumanisation Distress | A |
| Wynn (2004) Norway | Qualitative Grounded Theory Interpretive analysis | To allow patient to share experiences of physical restraint | 12 mental health in-patients | Trauma/re-traumatisation Distress Fear Control Power Calm | B |