### Medline via PubMed Search Strategy

| Search group | Study design | Intervention | Trauma or Emergency Related Pain |
|--------------|--------------|--------------|----------------------------------|
| 1 | Randomised controlled trial [pt] |  |  |
| 2 | Controlled clinical trial [pt] |  |  |
| 3 | Randomized [tiab] |  |  |
| 4 | Randomised [tiab] |  |  |
| 5 | Placebo [tiab] |  |  |
| 6 | Drug therapy [sh] |  |  |
| 7 | Randomly [tiab] |  |  |
| 8 | Trial [tiab] |  |  |
| 9 | Groups [tiab] |  |  |
| 10 | 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 |  |  |
| 11 | Methoxyflurane [tiab] |  |  |
| 12 | *Methoxyflurane |  |  |
| 13 | Analgizer [tiab] |  |  |
| 14 | Penthrox [tiab] |  |  |
| 15 | Penthrane [tiab] |  |  |
| 16 | 11 OR 12 OR 13 OR 14 OR 15 |  |  |
| 17 | Analgesi* [tiab] |  |  |
| 18 | Pain [exp] |  |  |
| 19 | 17 OR 18 |  |  |
| 20 | Traumatic injur* [tiab] |  |  |
| 21 | Trauma [exp] |  |  |
| 22 | Emergency department [tiab] |  |  |
| 23 | Emergency [exp] |  |  |
| 24 | Pre*hospital OR pre[adj1]hospital |  |  |
| 25 | Wound* OR laceration* OR contusion* OR burn* OR dislocation* OR fracture* |  |  |
| 26 | 20 OR 21 OR 22 OR 23 OR 24 OR 25 |  |  |
| 27 | 19 AND 26 |  |  |
| 28 | 10 AND 16 AND 27 |  |  |