**APPENDIX**

**Appendix 1.** MESH terms

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| --- | --- | --- |
| **Injury** | **Ventilation** | **Location of care** |
| Traumatic injury  Brain injury  Wound and injury | Hypoxia  Hypoxemia  Hypercapnia  Hypocapnia  Hyperventilation  Hypoventilation  Respiration, artificial  Signs and symptoms, respiratory | Prehospital  Emergency Medical Services  Trauma bay  Emergency department  Emergency room |

**Appendix 2**. Search strategy using MESH terms.

(((“traumatic injur\*" OR "brain injur\*" OR "Wounds and Injuries"[Mesh])) AND ((hypoxia [Title/Abstract] OR hypoxemia OR Hypoxic OR hypercapnea [Title/Abstract] OR hypocapnea [Title/Abstract] OR hyperventilation[Title/Abstract] OR “Respiration"[Mesh]) OR "Respiration, Artificial"[Mesh] OR "Signs and Symptoms, Respiratory"[Mesh] OR hypoventilation[Title/Abstract]))) AND (([Title/Abstract] OR "trauma bay"[Title/Abstract] OR “emergency department”[Title/Abstract] OR “emergency room”[Title/Abstract] OR "Emergency Medical Services"[Mesh]))