

Supplemental data. Characteristics of patients diagnosed with delayed hemothoraces

| Patient characteristics | | | | | | | | | | | | | | |
|--|---------|------|-------|------|------|------|------|------------|------|------|---------|---------|---------|------|
| Age range (years) | 80s | 70s | 50s | 80s | 60s | 90s | 90s | 50s | 90s | 60s | 50s | 60s | 60s | 60s |
| Body mass index (kg/m ²) | 18.1 | 28.8 | 29.9 | 28.7 | 24.6 | 22.2 | 23.9 | 25.2 | 19.5 | 27.3 | 35.5 | 29.9 | 30.6 | 30.6 |
| Charlson Comorbidity Index | 6 | 3 | 1 | 4 | 2 | 5 | 6 | 1 | 4 | 2 | 3 | 3 | 3 | 3 |
| Use within seven days of injury | | | | | | | | | | | | | | |
| ASA | no | yes | no | yes | no | yes | yes | no | no | no | no | no | no | no |
| anti-platelet | no | no | no | yes | no | no | no | no | no | no | no | no | no | no |
| anticoagulant | no | no | no | no | no | no | no | no | yes | no | no | no | no | no |
| Injury characteristics | | | | | | | | | | | | | | |
| Mechanism of Injury | GLF | GLF | BA | GLF | MCC | GLF | GLF | MA | MVC | GLF | MVC | FFH | FFH | FFH |
| Injury severity score | 9 | 5 | 22 | 9 | 22 | 9 | 9 | 29 | 17 | 10 | 14 | 17 | 10 | 4 |
| Number of rib fractures | 6 | 2 | 7 | 6 | 7 | 8 | 8 | 9 | 8 | 2 | 9 | 7 | 4 | 2 |
| Underlying lung injury | no | yes | no | yes | yes | no | no | yes | no | no | no | yes | no | yes |
| Scant pleural effusion on CT | yes | yes | no | no | no | yes | no | no | no | no | no | yes | no | yes |
| CWIS taxonomy characterization for rib fractures | | | | | | | | | | | | | | |
| Flail chest | no | no | no | yes | no | no | no | yes | yes | no | yes | no | no | no |
| Number of consecutive fractures | 5 | 2 | 6 | 6 | 7 | 8 | 8 | 9 | 8 | 1 | 6 | 7 | 4 | 2 |
| Fracture characteristic (rib#) | | | | | | | | | | | | | | |
| anterior | | | 6 | | | | | | 4 | | 2-9 | 2,3 | | |
| posterolateral | 4-8, 10 | 8,9 | 7-12 | 3-8 | 6-11 | 4-11 | 4-12 | 2-10 | 2-9 | 9,10 | 1-7, 9 | 2-9 | 8-11 | 9,10 |
| displaced or offset | 10 | 8,9 | 10-12 | 3-8 | 8-10 | 4-11 | 6-8 | 2-4,6,7,10 | 7,8 | 9,10 | 2-5,9 | 2,3,6 | 9-11 | 9,10 |
| wedge or complex | | | 12 | 5,6 | | | | 3,4 | 7,8 | | 5 | 3,6 | 8 | |
| Initial hospitalization characteristics | | | | | | | | | | | | | | |
| Hospital length of stay (days) | 27 | 3 | 19 | 18 | 12 | 5 | 26 | 7 | 9 | 2 | 16 | 9 | 2 | 6 |
| Intervention | | | | | | | | | | | | | | |
| Tube thoracotomy | yes | | yes | yes | yes | no | yes | no | yes | no | no | no | no | no |
| VATS | no | | yes | no | yes | no | no | no | no | no | no | no | no | no |
| Thoracotomy | no | | yes | no | no | no | no | no | no | no | no | no | no | no |
| Blood transfusion | no | | yes | no | yes | no | yes | yes | yes | no | no | no | no | no |
| Time from admission to dHTX diagnosis (days) | 8 | | 4 | 4 | 3 | | 7 | | 6 | | | | | |
| Re-admission hospitalization characteristics | | | | | | | | | | | | | | |
| Re-admission reason? | | CP | | | | SOB | | SOB | | CP | CP, SOB | CP, SOB | CP, SOB | CP |
| Hospital length of stay (days) | | 10 | | | | 4 | | 9 | | 3 | 8 | 9 | 8 | 4 |
| Intervention | | | | | | | | | | | | | | |
| Tube thoracotomy | | yes | | | | yes | | yes | | yes | yes | yes | yes | yes |
| VATS | | no | | | | no | | yes | | no | no | yes | yes | no |
| Thoracotomy | | no | | | | no | | no | | no | no | no | no | no |
| Blood transfusion | | yes | | | | yes | | no | | no | no | no | no | no |
| Time from discharge to dHTX diagnosis (days) | | 5 | | | | 14 | | 8 | | 2 | 2 | 20 | 11 | 12 |

Abbreviations: GLF= ground level fall, BA= bicycle accident, MCC= motorcycle crash, MVC= motor vehicle crash, FFH= fall from height, CT= computed tomography, dHTX= delayed hemothorax, CP= chest pain, SOB= shortness of breath, VATS= video assisted thoracoscopic surgery.

Exact age and sex is not specified to ensure anonymity.