Table S1: Interobserver agreement and Kappa coefficients according to lung field in ten patients.

|  |  |  |
| --- | --- | --- |
|  | Right side | Left side |
|  | Mid-axillary | Anterior-axillary | Mid-clavicular | Para-sternal | Para-sternal | Mid-clavicular | Anterior-axillary | Mid-axillary |
| 2nd intercostal space | 100%κ : 1.000 (p=0.008) | 80%κ : 0\* | 100%κ : 1.000 (p=0.022) | 100% κ : 1.000 (p=0.022) | 100%κ : 1.000 (p=0.008) | 100%κ : 1.000 (p=0.022) | 90%κ : 0.783 (p=0.033) | 100%κ : 0¶ |
| 3th intercostal space | 100%κ : 0¶ | 80%κ : 0.412 (p=0.300) | 100%κ : 1.000 (p=0.100 | 90%κ : 0.783 (p=0.033) | 100%κ : 1.000 (p=0.022) | 90%κ : 0.737 (p=0.067) | 90%κ : 0.6154 (p=0.200) | 90%κ : 0.737 (p=0.067) |
| 4th intercostal space | 90%κ : 0.737 (p=0.067) | 100%κ : 1.000 (p=0.100) | 80%κ : 0.524 p=(0.183) | 90%κ : 0.737 (p=0.067) | 100%κ : 1.000 (p=0.028) | 100%κ : 1.000 (p=0.036) | 100%κ : 1.000 (p=0.008) | 90%κ : 0.783 (p=0.033) |
| 5th intercostal space | 83%κ : 0.571 (p=0.333) | 100%κ : 1.000 (p=0.111) | 100%κ : 1.000 (p=0.125) | 100%κ : 1.000 (p=0.125 |  |  |  |  |

\*Kappa coefficients cannot be calculated because one of the two investigators classified all their readings in one category. ¶ Kappa coefficients cannot be calculated because both investigators classified all their readings in one category.

Table S2: Intraobserver agreement and Kappa coefficients for investigator 1 (MR) according to lung field in five patients.

|  |  |  |
| --- | --- | --- |
|  | Right side | Left side |
|  | Mid-axillary | Anterior-axillary | Mid-clavicular | Para-sternal | Para-sternal | Mid-clavicular | Anterior-axillary | Mid-axillary |
| 2nd intercostal space | 100%κ : 1.000 (p=0.100) | 80%κ : 0.546 (p=0.400) | 100%κ : 1.000 (p=0.100) | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.100) | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.200) | 100%κ : 0\* |
| 3th intercostal space | 80%κ : 0\* | 100%κ : 1.000 (p=0.200) | 80%0.545 (p=0.400) | 100%κ : 1.000 (p=0.100) | 80%κ : 0.546 (p=0.400) | 80%κ : 0.546 (p=0.400) | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.100) |
| 4th intercostal space | 80%κ : 0.615 (p=0.400) | 100%κ : 1.000 (p=0.200) | 80%κ : 0.615 (p=0.400) | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.100) | 80%κ : 0.546 (p=0.400) | 100%κ : 1.000 (p=0.100) | 80%κ : 0.615 (p=0.400) |
| 5th intercostal space | 100%κ : 1.000 (p=0.250) | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.200) |  |  |  |  |

\*Kappa coefficients cannot be calculated because one of the investigator classified all their readings in one category for one or both evaluations.

Table S2: Intraobserver agreement and Kappa coefficients for investigator 2 (MCB) according to lung field in five patients.

|  |  |  |
| --- | --- | --- |
|  | Right side | Left side |
|  | Mid-axillary | Anterior-axillary | Mid-clavicular | Para-sternal | Para-sternal | Mid-clavicular | Anterior-axillary | Mid-axillary |
| 2nd intercostal space | 100%κ : 1.000 (p=0.200) | 100%κ : 0\* | 80%κ : 0\* | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.200) | 60%0.286 (p=1.000) | 100%κ : 1.000 (p=0.100) | 100%κ : 0\* |
| 3th intercostal space | 80%κ : 0\* | 40%κ : 0\* | 100%κ : 0 | 100%κ : 1.000 (p=0.100) | 100%κ : 0\* | 100%κ : 1.000 (p=0.200) | 100%κ : 1.000 (p=0.200) | 80%κ : 0.546 (p=0.400) |
| 4th intercostal space | 60%κ : 0\* | 100%κ : 0\* | 100%κ : 1.000 (p=0.100) | 100%κ : 1.000 (p=0.200) | 100%κ : 0\* | 100%κ : 0\* | 80%κ : 0\* | 80%κ : 0\* |
| 5th intercostal space | 100%κ : 0\* | 100%κ : 0\* | 100%κ : 0\* | 100%κ : 0\* |  |  |  |  |

\*Kappa coefficients cannot be calculated because one of the investigator classified all their readings in one category for one or both evaluations.

Table S4: Clinical characteristics associated with the complete absence of B-lines before hemodialysis.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Pre-dialysis B-line score = 0(15 sessions) | Pre-dialysis B-line score > 0(79 sessions) | P-value |
| Prescribed fluid removal (L ± SD) | 2.67 ± 1.20 | 2.17 ± 1.21 | 0.878 |
| Achievement of prescribed fluid removal\* (% of patients) | 78.5% | 66.7% | 0.331 |
| Hypotensive episodes (% of patients) | 21.5% | 33.3% | 0.331 |
| Muscular cramps (% of patients) | 9.0% | 20.0% | 0.201 |

\*Achievement of prescribed fluid removal was defined as a discrepancy of less than 0.3L between planned and achieved fluid removal.