**Supplemental Table.** Detailed analysis of all 33 cases. The patients are ordered based on the computer score ranging from -1.13 (atypical UIP) to 1.74 (classic UIP). Coronal and axial views of the lung parenchyma are shown with a window level of -500 HU and a width of 1400 HU.

<table>
<thead>
<tr>
<th>Computer score</th>
<th>Consensus</th>
<th>Fellow 1</th>
<th>Fellow 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.13 (atypical UIP)</td>
<td>classic UIP</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>-1.03 (atypical UIP)</td>
<td>atypical UIP</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>-0.97 (atypical UIP)</td>
<td>atypical UIP</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>-0.89 (atypical UIP)</td>
<td>atypical UIP</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>-0.88 (atypical UIP)</td>
<td>atypical UIP</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>-0.82 (atypical UIP)</td>
<td>classic UIP</td>
<td>x</td>
<td>✓</td>
</tr>
</tbody>
</table>
7. Computer score: -0.7 (atypical UIP) ✓
consensus: atypical UIP
fellow 1: atypical UIP ✓
fellow 2: atypical UIP ✓

8. Computer score: -0.64 (atypical UIP) ✓
consensus: atypical UIP
fellow 1: atypical UIP ✓
fellow 2: atypical UIP ✓

9. Computer score: -0.63 (atypical UIP) ✓
consensus: atypical UIP
fellow 1: classic UIP ✗
fellow 2: classic UIP ✗

10. Computer score: -0.56 (atypical UIP) ✓
consensus: atypical UIP
fellow 1: atypical UIP ✓
fellow 2: atypical UIP ✓

11. Computer score: -0.41 (atypical UIP) ✓
consensus: atypical UIP
fellow 1: atypical UIP ✓
fellow 2: atypical UIP ✓

12. Computer score: -0.39 (atypical UIP) ✓
consensus: atypical UIP
fellow 1: atypical UIP ✓
fellow 2: atypical UIP ✓
13. Computer score: -0.34 (atypical UIP) ✗
   consensus: classic UIP
   fellow 1: atypical UIP ✗
   fellow 2: atypical UIP ✗

14. Computer score: -0.28 (atypical UIP) ✓
   consensus: atypical UIP
   fellow 1: atypical UIP ✓
   fellow 2: atypical UIP ✓

15. Computer score: -0.23 (atypical UIP) ✓
   consensus: atypical UIP
   fellow 1: atypical UIP ✓
   fellow 2: atypical UIP ✓

16. Computer score: -0.21 (atypical UIP) ✓
   consensus: atypical UIP
   fellow 1: atypical UIP ✓
   fellow 2: atypical UIP ✓

17. Computer score: -0.09 (atypical UIP) ✓
   consensus: atypical UIP
   fellow 1: classic UIP ✗
   fellow 2: classic UIP ✗

18. Computer score: -0.08 (atypical UIP) ✓
   consensus: atypical UIP
   fellow 1: atypical UIP ✓
   fellow 2: atypical UIP ✓
19. Computer score: 0.01 (classic UIP) ✓
   consensus: classic UIP
   fellow 1: classic UIP ✓
   fellow 2: classic UIP ✓

20. Computer score: 0.01 (classic UIP) ✗
   consensus: atypical UIP
   fellow 1: atypical UIP ✓
   fellow 2: atypical UIP ✓

21. Computer score: 0.05 (classic UIP) ✓
   consensus: classic UIP
   fellow 1: classic UIP ✓
   fellow 2: classic UIP ✓

22. Computer score: 0.07 (classic UIP) ✓
   consensus: classic UIP
   fellow 1: classic UIP ✓
   fellow 2: classic UIP ✓

23. Computer score: 0.1 (classic UIP) ✓
   consensus: classic UIP
   fellow 1: classic UIP ✓
   fellow 2: classic UIP ✓

24. Computer score: 0.1 (classic UIP) ✗
   consensus: atypical UIP
   fellow 1: atypical UIP ✓
   fellow 2: atypical UIP ✓
25. Computer score: 0.11 (classic UIP) ✓

consensus: classic UIP
fellow 1: atypical UIP ✗
fellow 2: atypical UIP ✗

26. Computer score: 0.19 (classic UIP) ✓

consensus: classic UIP
fellow 1: atypical UIP ✗
fellow 2: atypical UIP ✗

27. Computer score: 0.24 (classic UIP) ✗

consensus: atypical UIP
fellow 1: atypical UIP ✓
fellow 2: classic UIP ✗

28. Computer score: 0.56 (classic UIP) ✓

consensus: classic UIP
fellow 1: classic UIP ✓
fellow 2: classic UIP ✓

29. Computer score: 0.59 (classic UIP) ✓

consensus: classic UIP
fellow 1: classic UIP ✓
fellow 2: classic UIP ✓

30. Computer score: 0.6 (classic UIP) ✓

consensus: classic UIP
fellow 1: classic UIP ✓
fellow 2: classic UIP ✓
<table>
<thead>
<tr>
<th>Case</th>
<th>Computer Score</th>
<th>Consensus</th>
<th>Fellow 1</th>
<th>Fellow 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>0.78 (classic UIP)</td>
<td>✓</td>
<td>classic UIP</td>
<td>classic UIP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>32</td>
<td>1.17 (classic UIP)</td>
<td>✓</td>
<td>classic UIP</td>
<td>classic UIP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>33</td>
<td>1.74 (classic UIP)</td>
<td>✓</td>
<td>classic UIP</td>
<td>classic UIP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>