

## Supplementary Material

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### 2 **Supplementary Table 1**

3 Organisms detected by the FilmArray Pneumonia Plus panel

<b>Bacteria (semi-quantitative)</b>	<b>Viruses</b>
<i>Acinetobacter calcoaceticus-baumannii</i> complex	Adenovirus
<i>Enterobacter cloacae</i> complex	Coronavirus (NOT SARS-CoV-2)
<i>Escherichia coli</i>	Human Metapneumovirus
<i>Haemophilus influenzae</i>	Human Rhinovirus/Enterovirus
<i>Klebsiella aerogenes</i>	Influenza A
<i>Klebsiella oxytoca</i>	Influenza B
<i>Klebsiella pneumoniae</i> group	Parainfluenza Virus
<i>Moraxella catarrhalis</i>	Respiratory Syncytial Virus
<i>Proteus</i> spp.	
<i>Pseudomonas aeruginosa</i>	
<i>Serratia marcescens</i>	
<i>Staphylococcus aureus</i>	
<i>Streptococcus agalactiae</i>	
<i>Streptococcus pneumoniae</i>	
<i>Streptococcus pyogenes</i>	

  

<b>Atypical bacteria (qualitative)</b>	<b>Antibiotic resistance genes</b>
<i>Chlamydia pneumoniae</i>	Methicillin resistance:
<i>Legionella pneumophila</i>	<ul style="list-style-type: none"><li>• <i>mecA/C</i> and MREJ</li></ul>
<i>Mycoplasma pneumoniae</i>	Carbapenemases:
	<ul style="list-style-type: none"><li>• KPC</li><li>• NDM</li><li>• Oxa-48-like</li><li>• VIM</li><li>• IMP</li></ul>
	ESBL:
	<ul style="list-style-type: none"><li>• CTX-M</li></ul>

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5 Source: The BioFire® FilmArray® Pneumonia Panel [Internet]. BioFire Diagnostics. [cited  
6 2022 Feb 11]. Available from: [https://www.biofire.com/products/the-filmarray-](https://www.biofire.com/products/the-filmarray-panels/filmarray-pneumonia/)  
7 [panels/filmarray-pneumonia/](https://www.biofire.com/products/the-filmarray-panels/filmarray-pneumonia/)

8 **Supplementary Table 2**

9 *Participant characteristics*

	<b>Hospital 1</b>	<b>Hospital 2</b>	<b>Hospital 3</b>	<b>Hospital 4</b>	<b>Hospital 5</b>	<b>Total</b>
ICU consultants	8	10	5	5	3	31
ICU middle-grade trainees	4	4	1	0	0	9
ICU early-grade trainees	4	2	0	0	1	7
Consultant clinical microbiologists	2	2	1	2	1	8
Other clinicians	1 medicine early-career trainee 1 intensivist, grade unspecified	1 neurosurgery early-career trainee	1 intensivist, grade unspecified	0	2 grade and specialty unspecified	6
<b>Total</b>	20	19	8	7	7	<b>61</b>

10 *Note.* Two clinicians did not specify their hospital, grade, and specialty

11 *ICU*, intensive care unit

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13 **Supplementary Table 3**

14 *Additional demographic questions (N=63)*

	<b>Yes</b>	<b>No</b>	<b>Unsure</b>	<b>No response</b>
Have you ordered FilmArray results?	46	11	2	4**
Have you taken FilmArray results into consideration?	51	6	2	4
Do you make antibiotic decisions on ICU?	52	7*	0	4

15 \*\* These were all early-career trainees

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