

## Supplementary material

This table shows the survey questions that were presented in the online survey on ‘Google forms’.

All questions were included on one page. Once the participant submitted their responses, answers to questions 5 to 9 inclusive were provided on the following web page.

Question text	Multiple choice answer options
1. “Please select your role.”	i) Foundation Doctor ii) Respiratory Registrar iii) Other Junior Doctor iv) Consultant Respiratory Physician v) Other Consultant Doctor (or equivalent level) vi) Pharmacist vii) Pharmacist Prescriber viii) Nurse Prescriber ix) Other ( <i>Free text</i> )
2. “Which of these best applies to you?”	i) I am currently working on a respiratory ward / within a respiratory specialty ii) I have worked on a respiratory ward / within a respiratory specialty in the past iii) I have never worked on a respiratory ward / within a respiratory specialty
3. “What is your role in inhaler prescribing on the ward? Tick as many as apply.”	i) Prescribing patients' regular inhalers without altering them ii) Prescribing inhalers to patients for the first time iii) Changing patients' inhalers where appropriate iv) Other ( <i>Free text</i> )
4. “Are you confident that you know how to assess a patient's inhaler technique?”	i) Yes ii) No iii) Can't remember
5. “Please match each inhaler to its type.”	Inhalers: i) Seretide 500 Evohaler ii) Beclometasone Easyhaler iii) Relvar Ellipta iv) Symbicort Turbohaler v) Clenil Modulite vi) Fostair Nexthaler  Options: i) DPI ii) MDI iii) Unsure
6. “Please match each inhaler to its contents. (ICS = inhaled corticosteroid, LABA = long acting beta agonist, LAMA = long acting antimuscarinic)”	Inhalers: i) Seretide 500 Evohaler ii) Beclometasone Easyhaler iii) Relvar Ellipta iv) Symbicort Turbohaler v) Clenil Modulite vi) Fostair Nexthaler  Options: i) ICS ii) ICS / LABA iii) LAMA

	<ul style="list-style-type: none"> <li>iv) LAMA / LABA</li> <li>v) Unsure</li> </ul>
7. “How does the carbon footprint of MDIs compare to DPIs? Please select one option. (DPI = dry powder inhaler, MDI = metered dose inhaler)”	<ul style="list-style-type: none"> <li>i) MDI footprint 18 times that of DPIs</li> <li>ii) MDI footprint 5 times that of DPIs</li> <li>iii) MDI footprint 2 times that of DPIs</li> <li>iv) DPI footprint 2 times that of MDIs</li> <li>v) DPI footprint 5 times that of MDIs</li> <li>vi) DPI footprint 18 times that of MDIs</li> </ul>
8. “Studies find that MDIs are often thrown away with which percentage of propellant still unused?”	<ul style="list-style-type: none"> <li>i) 2%</li> <li>ii) 5%</li> <li>iii) 15%</li> <li>iv) 25%</li> <li>v) 50%</li> </ul>
9. “These figures show the portion of the [Trust name]'s carbon footprint associated with different Trust activities. What % of the NHS' total carbon footprint do MDI inhalers make up? Please select one.”	<p>Figures:</p> <ul style="list-style-type: none"> <li>• Total carbon from building energy use - 25% (47,338 tonnes CO<sub>2</sub>e)</li> <li>• Patient and Visitor Transport – 10% (18,497 tonnes CO<sub>2</sub>e)</li> <li>• Electricity that is imported from the grid (the electricity that is not generated by the onsite energy centre) 4% (6,930 tonnes CO<sub>2</sub>e)</li> <li>• Staff commuting to and from work 2% (3,633 tonnes CO<sub>2</sub>e)</li> <li>• Business Travel (Air and Rail – 0.1 (191 tonnes CO<sub>2</sub>e)</li> <li>• Waste Disposal – 0.1% (217 tonnes CO<sub>2</sub>e)</li> </ul> <p>Options:</p> <ul style="list-style-type: none"> <li>i) 14%</li> <li>ii) 10%</li> <li>iii) 4%</li> <li>iv) 2%</li> <li>v) 0.1%</li> </ul>
10. “Would you feel confident to discuss lower-carbon inhaler choices with a patient? Tick as many as apply.”	<ul style="list-style-type: none"> <li>i) Yes, and I have done so</li> <li>ii) Yes, without further training or support</li> <li>iii) Yes, with support from a senior or specialist member of the MDT</li> <li>iv) Yes, after specific training</li> <li>v) Yes, with patient decision aids provided</li> <li>vi) No</li> <li>vii) Other (<i>Free text</i>)</li> </ul>
11. “Did you know that empty inhalers can be recycled by most pharmacies? Tick as many as apply.”	<ul style="list-style-type: none"> <li>i) Yes, and I have communicated this to patients</li> <li>ii) Yes, but I have not discussed this with any patients</li> <li>iii) No</li> <li>iv) Other (<i>Free text</i>)</li> </ul>
12. “If you would like to, please let us know any further comments or questions that you have about inhaler use in this box. Please include your email address if you'd like to receive follow up from us, or if you'd like to get involved in this or related projects. Otherwise, please continue to the next section to end the survey.”	<i>No multiple choice options provided – box for free text response</i>