

**Table S3.** The baseline survey and follow-up plans for respective target populations.

Target population	Baseline survey	Follow-ups			
		Month 1	Month 3	Month 6	Month 12
COPD high-risk population I	<ul style="list-style-type: none"> <li>• COPD-SQ questionnaire</li> <li>• Informed consent</li> <li>• Baseline questionnaire</li> <li>• Anthropometry measurement</li> <li>• Pre-bronchodilator spirometry test</li> <li>• In-time intervention</li> </ul>	/	/	<ul style="list-style-type: none"> <li>• Telephone follow-up</li> <li>• Secondary intervention</li> </ul>	<ul style="list-style-type: none"> <li>• Face-to-face follow-up</li> <li>• Pre- and post-bronchodilator spirometry tests</li> <li>• Secondary intervention</li> </ul>
COPD high-risk population II	<ul style="list-style-type: none"> <li>• COPD-SQ questionnaire</li> <li>• Informed consent</li> <li>• Baseline questionnaire</li> <li>• Anthropometry measurement</li> <li>• Pre- and post-bronchodilator spirometry tests</li> <li>• In-time intervention</li> </ul>	/	/	<ul style="list-style-type: none"> <li>• Face-to-face follow-up</li> <li>• Pre- and post-bronchodilator spirometry tests</li> <li>• Secondary intervention</li> </ul>	<ul style="list-style-type: none"> <li>• Face-to-face follow-up</li> <li>• Pre- and post-bronchodilator spirometry tests</li> <li>• Secondary intervention</li> </ul>
Confirmed COPD patients	<ul style="list-style-type: none"> <li>• COPD-SQ questionnaire</li> <li>• Informed consent</li> <li>• Baseline questionnaire</li> <li>• Anthropometry measurement</li> <li>• Pre- and post-bronchodilator spirometry tests</li> <li>• In-time intervention</li> </ul>	<ul style="list-style-type: none"> <li>• Telephone follow-up</li> </ul>	<ul style="list-style-type: none"> <li>• Telephone follow-up</li> <li>• Secondary intervention</li> </ul>	/	<ul style="list-style-type: none"> <li>• Face-to-face follow-up</li> <li>• Pre- and post-bronchodilator spirometry tests</li> <li>• Secondary intervention</li> </ul>

The COPD-SQ questionnaire can be found in Table S1. The baseline questionnaire, anthropometry measurement, telephone and face-to-face follow-up investigation contents for respective target populations can be found in Table S4. The in-time and secondary intervention measures for respective target populations can be found in Table S5. The grace period for follow-ups is set within one week.

**Abbreviations:**

COPD: chronic obstructive pulmonary disease; COPD-SQ: chronic obstructive pulmonary disease screening questionnaire.