

**Table S2 Equipment used at the study centers**

Center	CPET equipment	Software version	Flow sensor	Treadmill
1	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Spectra 12-7 <sup>a</sup>	Mass flow sensor	GE Marquette Series 2000 <sup>b</sup>
2	Medical Graphics <sup>®</sup> Ultima <sup>TMc</sup>	7.0.0.26	preVent <sup>®</sup> flow sensor <sup>c</sup>	Trackmaster <sup>®</sup> TMX425 <sup>d</sup>
3	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Spectra 12-3A <sup>a</sup>	Mass flow sensor	Trackmaster <sup>®</sup> TMX425C <sup>d</sup>
4	Medical Graphics <sup>®</sup> Ultima <sup>TMc</sup>	6.4	preVent <sup>®</sup> flow sensor <sup>c</sup>	Trackmaster <sup>®</sup> TMX425C <sup>d</sup>
5	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Encore 20-7 <sup>a</sup>	Mass flow sensor	Trackmaster <sup>®</sup> TMX425 <sup>d</sup>
6	Medical Graphics <sup>®c</sup>	6.4.1.44sp4	Pitot tube	Trackmaster <sup>®</sup> TMX425CP <sup>d</sup>
7	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Encore 20-B <sup>a</sup>	Mass flow sensor	Trackmaster <sup>®</sup> TMX425 <sup>d</sup>
8	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Encore 20-5B <sup>a</sup>	Mass flow sensor	Trackmaster <sup>®</sup> TMX425 <sup>d</sup>
9	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Spectra 12-3A <sup>a</sup>	Mass flow sensor	GE Marquette Series 2000 <sup>b</sup>
10	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Encore 21-1A <sup>a</sup>	Mass flow sensor	GE Marquette Series 2000 <sup>b</sup>
11	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Legacy 7-2B <sup>a</sup>	Mass flow sensor	GE T-2100 <sup>b</sup>
12	Medisoft Expair <sup>e</sup>	1.28.20	Pitot Tube	GE Marquette Series 2000 <sup>b</sup>
13	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Spectra 12-2A <sup>a</sup>	Mass flow sensor	Woodway Desmo <sup>f</sup>
14	SensorMedics <sup>a</sup>	Vmax <sup>TM</sup> Spectra 12-1A <sup>a</sup>	Mass flow sensor	Quinton MedTrack ST55 <sup>g,h</sup>
15	Medical Graphics <sup>®c</sup>	6.4.1.44sp4	preVent <sup>®</sup> flow sensor <sup>c</sup>	Trackmaster <sup>®</sup> TMX425 <sup>d</sup>

<sup>a</sup>Sensormedics, Yorba Linda, CA, USA.

<sup>b</sup>GE, Fairfield, CT, USA.

<sup>c</sup>Medical Graphics Corporation, St Paul, MN, USA.

<sup>d</sup>Trackmaster, Newton, KS, USA.

<sup>e</sup>Medisoft, Sorinnes, Belgium.

<sup>f</sup>Woodway, Waukesha, WI, USA.

<sup>g</sup>Quinton Instrument Co., Bothell, WA, USA.

<sup>h</sup>The treadmill was manually adjusted from its own controller (a pre-approved procedure).