

ARYAN VPRSHNEY

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
020	20 - 25	180.34cm	✗	✗	✗

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Inside the Lab ~~10:00:00~~ 16:13:34 to 16:24:43

Time Lapse	Activity
0 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video ? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
0-3 Minute	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
3-5 Minutes	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

Outside the Lab

16:30:08 to 16:55:21

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-12 Minutes 8	<input checked="" type="checkbox"/> Did you collect data when the person was walking (10MT)?
12-15 Minutes 8-13	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
15-17 Minutes 13-15	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
17-19 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

15-17.

JOSEPH.

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
021	36 (35-40)	5'6"	X	X	X

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Inside the Lab (11) 15:02:16

Time Lapse	Activity
0 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and <u>watching video</u> ? <input type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
0-3 Minute Q-5	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
3-5 Minutes 5-7	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes X	<input type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?

7:54 8:10
3x forced breath

Outside the Lab (15)

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-12 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person was walking (f0MT)?
12-15 Minutes 8 - 11	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
15-17 Minutes 11-13	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
17-19 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

13-15.

REMPVLS*

HRYAN TIWARI

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
022	15-20	5'11"	X	X	X

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Inside the Lab 17:20:25

Time Lapse	Activity
0-minutes 0-2	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input type="checkbox"/> Is the participant resting and watching video ? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
0-3 Minute 2-5	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?
3-5 Minutes 5-7	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit? 8:00
9-11 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-12 Minutes 8	<input checked="" type="checkbox"/> Did you collect data when the person was walking (6MT)?
12-15 Minutes 8 - 11	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
15-17 Minutes 11 - 13	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
17-19 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

13 - 15.

ABHNA SENAPATI

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment"	Athlete
023	15 - 20	5'7"	X	X	X

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Inside the Lab 14:48:44

Time Lapse	Activity
0-minutes 0 - 2	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
0-3 Minute 2 - 5	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
3-5 Minutes 5 - 7	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

8:00

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-12 Minutes ⁸	<input checked="" type="checkbox"/> Did you collect data when the person was walking (⁶ MT)?
12-15 Minutes ^{8 - 11}	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
15-17 Minutes ^{11 - 13}	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
17-19 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

13-15

RISHIRAJ RAKHARY

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
029	25-30	168 cm	x	x	x

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Inside the Lab 16:12:36

Time Lapse	Activity
0 minutes 0-2	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video ? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
0-3 Minute 2-5	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
3-5 Minutes 5-7	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

8:00

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-12 Minutes 8	<input checked="" type="checkbox"/> Did you collect data when the person was walking (60MT)?
12-15 Minutes 8-11	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
15-17 Minutes 11-13	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
17-19 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

13-15.

RTTB VAD

Demography

Smart Mask data collection checklist

ID	Age	Height	Meal*	Ailment#	Athlete
025	15 - 20	5'7"	X	X	X

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Make sure to collect the baseline CO2 values throughout the experiment

Inside the Lab 18: 07:07

Time Lapse	Activity
0-2 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video ? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
2-5 Minute	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit? 18: 00
9-11 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?

8

18: 20: 29

~~18: 20: 21~~

Outside the Lab

* Audio Not Proper.

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input type="checkbox"/> Did you preheat the sensor? <input type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input type="checkbox"/> Is the person standing and ready to walk?
2-8 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person was walking (60MT)?
8-11 Minutes	<input type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
11-13 Minutes	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
13-15 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

RYAN
JORDAN

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
026 025	20-25	5'11"	X	X	X

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Make sure to collect the baseline CO2 values throughout the experiment

Inside the Lab

Time Lapse	Activity
0-2 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
2-5 Minute	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit? 8:00
9-11 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-8 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person was walking (10MT)?
8-11 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
11-13 Minutes	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
13-15 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

SUSM

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
027	35-40	5'5"	X	X	✓

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Make sure to collect the baseline CO2 values throughout the experiment

Inside the Lab

Time Lapse	Activity
0-2 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input type="checkbox"/> Is the participant resting and <u>watching video</u> ? <input type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
2-5 Minute	<input type="checkbox"/> Are you using 30 BPM as ground truth? <input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input type="checkbox"/> Did you now stop the metronome? <input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input type="checkbox"/> Ask the participant to do forceful breathing. <input type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input type="checkbox"/> Was data collected successfully? <input type="checkbox"/> Is the mask tightly fit?

7:55.

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-8 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person was walking (10MT)?
8-11 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
11-13 Minutes	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
13-15 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

DHAR

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
028	25-30	181 cm.	X	X	X

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Make sure to collect the baseline CO2 values throughout the experiment

Inside the Lab

Time Lapse	Activity
0-2 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video ? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
2-5 Minute	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. 8:05 <input checked="" type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-8 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person was walking (10MT)?
8-11 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
11-13 Minutes	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
13-15 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

RISHIRAJ .

Demography

Smart Mask data collection checklist

ID	Age	Height	Meal*	Ailment*	Athlete
029					

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Make sure to collect the baseline CO₂ values throughout the experiment

Inside the Lab

Time Lapse	Activity
0-2 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the participant resting and watching video? <input checked="" type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO ₂ sensor well covered to avoid skin irritation and data fault?
2-5 Minute	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
5-7 Minutes	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit? 8:00
9-11 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input type="checkbox"/> Did you preheat the sensor? <input type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input type="checkbox"/> Is the sensor collecting data while the mask is donned? <input type="checkbox"/> Is the person standing and ready to walk?
2-8 Minutes	<input type="checkbox"/> Did you collect data when the person was walking (⁶ HMT)?
8-11 Minutes	<input type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
11-13 Minutes	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text? — <i>lets not do this, instead continue</i>
13-15 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?

GET /eSCL/ScannerCapabilities HTTP/1.1
Host: localhost

ARYAN JARSHNEH

Smart Mask data collection checklist

Demography

ID	Age	Height	Meal*	Ailment#	Athlete
030					

* Meal: Did the participant take a heavy meal in the last 15 minutes?

Does the participant have any prior history of apnea, sleep paralysis or any lung ailment?

Make sure to collect the baseline CO2 values throughout the experiment

Inside the Lab

Time Lapse	Activity
0-2 minutes	<input checked="" type="checkbox"/> Is the participant sitting idle? <input checked="" type="checkbox"/> Did you preheat the sensor? <input type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input type="checkbox"/> Is the participant resting and watching video? <input type="checkbox"/> Is the mask tightly fit? <input checked="" type="checkbox"/> Are you in a noisy environment? Is the HVAC making a lot of noise? <input checked="" type="checkbox"/> Is the CO2 sensor well covered to avoid skin irritation and data fault?
2-5 Minute	<input checked="" type="checkbox"/> Are you using 30 BPM as ground truth? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7 Minutes	<input checked="" type="checkbox"/> Did you now stop the metronome? <input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?
7-9 Minutes	<input checked="" type="checkbox"/> Ask the participant to do forceful breathing. <input checked="" type="checkbox"/> Is the mask tightly fit?
9-11 Minutes	<input checked="" type="checkbox"/> Was data collected successfully? <input checked="" type="checkbox"/> Is the mask tightly fit?

Outside the Lab

*Investigator should walk along the side of the participant so that there is no interference to the wireless signal

Time Lapse	Activity
0-2 minute	<input checked="" type="checkbox"/> Did you preheat the sensor? <input checked="" type="checkbox"/> Has 20 minutes elapsed after the sensor was switched ON? <input checked="" type="checkbox"/> Is the sensor collecting data while the mask is donned? <input checked="" type="checkbox"/> Is the person standing and ready to walk?
2-8 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person was walking (10MT)?
8-11 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting on a chair after walking?
11-13 Minutes	<input checked="" type="checkbox"/> Did you collect data while the person was asked to read out text?
13-15 Minutes	<input checked="" type="checkbox"/> Did you collect data when the person is resting ?