

Name: **Wali Sharifi** Smoking Hx:  
 Internal UR: **sharifi2018** Pack Year:  
 Hospital UR: **424234234** Height(cm): **174.00**  
 Date of test: **27/03/2019 13:10** Weight(kg): **75.00**  
 Sex: **Male** BMI: **24.77**  
 Birth Date: **01/01/1988 (31)** Site: **Monash**  
 Ethnicity: **Caucasian** Physiologist: **Laurie**  
 Address: **125 Stud Road Dandenong VIC 3977**  
 Referred By: **Dr A Kiriakova, 211520DY, Family Care Medical Centre 404 - 406 Huntingdale Road MOUNT WAVERLEY VIC 3149**  
 CC: **Dr Adrian Pick, 032324AX, Suite 25, Cabrini Medical Centre 177 Wattletree Road MALVERN VIC 3144**

Clinical Notes: **Demo Patient**

### Respiratory Function Report

Spirometry	-GLI 2012-	Pre	LLN	ZPre	%Pred
FEV1	Litres	2.24	3.39	-3.71	53
FVC	Litres	4.17	4.14	-1.6	81
VC	Litres	3.99	4.14	-1.89	78
FER	%	53.72	71.94	-3.66	65
MMEF	L/sec	3.13	2.69	-1.12	75
PEF	L/sec	5.89	5.85	-1.63	64

Post	ZPost	%Pred	Chg	%Chg
3.42	-1.58	81	1180 mL	53
4.17	-1.6	81	0 mL	0
4.17	-1.6	81	180 mL	5
82.01	-0.13	99		
2.73	-1.6	65	-400 mL	-13
5.89	-1.63	64	0 mL	0

Transfer Factor	-GLI 2017-	Pre	LLN	ZPre	%Pre
IV	Litres	4.85			
VA	Litres	5.18	5.18	-1.65	82
TLCO	ml/mmHg/min	28.89	24.42	-0.51	93
TLCO (Hb)	ml/mmHg/min	---			---
KCO	ml/mmHg/min/L	5.58	3.93	0.96	113
KCO (Hb)	ml/mmHg/min/L	---			---
Hb	gm/dL	14.60			

Plethysmography	-BTS-ERS 1993-	Pre	LLN	ULN	%Pre
TLC	Litres	6.12	5.67	7.97	90
VC	Litres	3.99	4.14		78
FRC	Litres	2.66	2.28	4.25	82
RV	Litres	1.12	1.06	2.41	65
RV/TLC	%	18.30	15.78	35.09	72

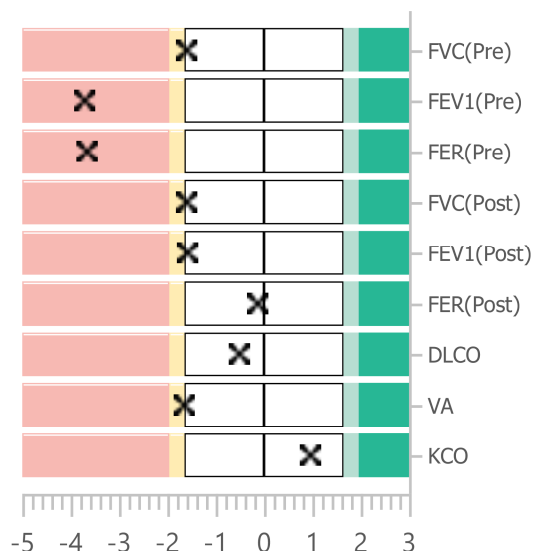
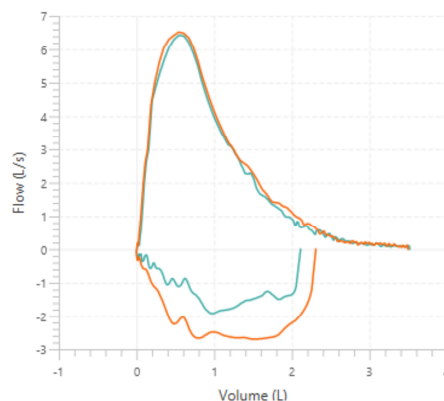
N2 Washout	-ECCS 1983-	Pre	LLN	ULN	%Pre
TLC	Litres	5.00	---	---	73
VC	Litres	4.25	4.14	---	83
FRC	Litres	2.00	---	---	61
RV	Litres	1.10	---	---	63
LCI		9.00			

Airway Function	-Cotes-	Pre	LLN	%Pre
Raw	cmH2O/L/sec	.40	0.50	40
sGaw	L/sec/cmH2O	.15	0.13	68

Muscle Force	-Bruschi-	Pre	LLN	%Pre
MIP	cmH2O	63	64	68
MEP	cmH2O	78	77	73
SNIP	cmH2O	116	77	100

FeNO		Pre	Post
Nasal	ppb	560	590
Mouth	ppb	19	15

Pulse Oximetry		Pre
SpO2	%	99



#### TECHNICAL COMMENTS:

Variable efforts for spirometry.  
 Spirometric efforts limited by coughing.

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## Lung Function Laboratory

Monash Medical Centre - 246 Clayton Rd, Clayton 3176  
Dandenong Hospital - David St, Dandenong 3175  
Berwick Hospital - 76 Clyde Rd, Berwick VIC 3806  
P: (03) 95942278 | F: (03) 9594 6021

Clinical Notes:

## Respiratory Function Trend Report

Date 27/03/19

### Spirometry

FEV1 (Pre)	2.24 (53%)							
FEV1 (Post)	3.42 (+53%)							
FVC (Pre)	4.17 (81%)							
FVC (Post)	4.17 (0%)							
VC (Pre)	3.99 (78%)							
VC (Post)	4.17 (+5%)							
FER (Pre)	54							
FER (Post)	82							

### Transfer

VA	5.18 (82%)							
TLCO	28.89 (93%)							
TLCO (Hb)	28.89 (93%)							
KCO	5.58 (113%)							
KCO (Hb)	5.58 (113%)							

### Lung Volume

TLC (Pleth)	6.12 (90%)							
FRC (Pleth)	2.66 (82%)							
RV (Pleth)	1.12 (65%)							
TLC (N2)	5.00 (73%)							
FRC (N2)	2.00 (61%)							
RV (N2)	1.10 (63%)							
LCI	9.00							

### Raw

Raw	0.40 (40%)							
sGaw	0.40 (182%)							

### Muscle Force

MIP	63 (68%)							
MEP	78 (73%)							
SNIP	116 (100%)							

### FeNO

NO-M (Pre)	19							
NO-M (Post)	15							
NO-N (Pre)	560							
NO-N (Post)	590							

### SpO2

SPO2	99							
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### Clinical Notes:

## Bronchial Provocation Report

### Spirometry

		Pre	LLN	Z-Score	%Pred
FEV1	Litres	2.24	3.39	-3.72	53
FVC	Litres	4.14	4.14	-1.65	80
VC	Litres	3.99	4.14	-1.90	78
FER	%	54.11	71.94	-3.62	65
MMEF	L/sec	3.13	2.69	-1.13	75
PEF	L/sec	5.89	5.85	-1.63	64

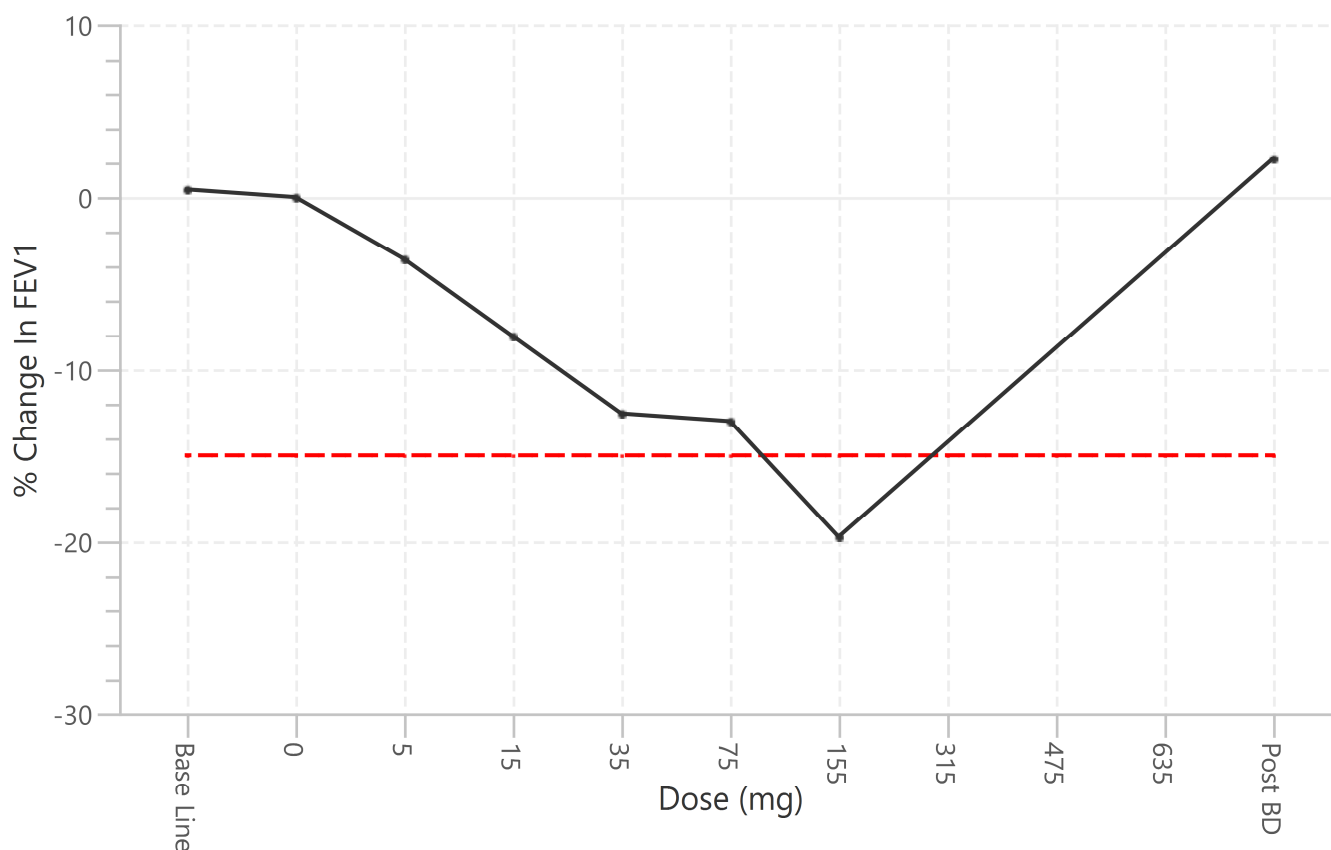
### Bronchial provocation

#### Mannitol

PD15 = 92 mg

RDR = 2.8 ml/mg

## Bronchial Response Chart



### TECHNICAL COMMENTS:

Poor cooperation from subject.

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Clinical Notes: **Demo Patient**

### Arterial Blood Gases

#### Inspired O2

pH  
 PaCO2 mmHg  
 PaO2 mmHg  
 HCO3 mmol/L  
 BE mmol/L  
 SaO2 %  
 COHb %  
 Shunt %

#### ABG1

##### Room Air

---  
 ---  
 ---  
 ---  
 ---  
 ---  
 ---

#### ABG2

##### Room Air

---  
 ---  
 ---  
 ---  
 ---  
 ---  
 ---

#### ABG3

##### Room Air

---  
 ---  
 ---  
 ---  
 ---  
 ---  
 ---

### Six Minute Walk Test

Inspired O2

Borg Score

Distance (m)

#### Baseline

Room Air

8

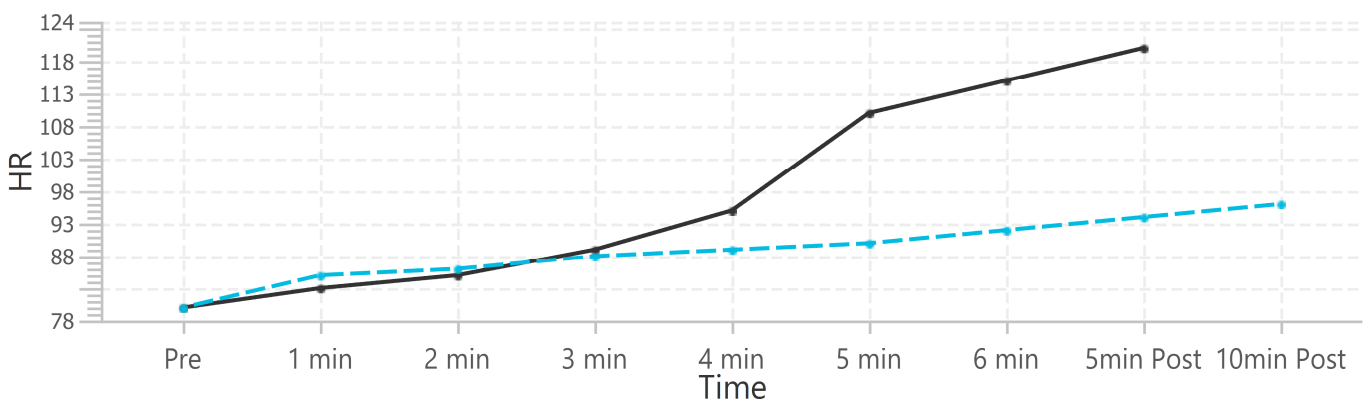
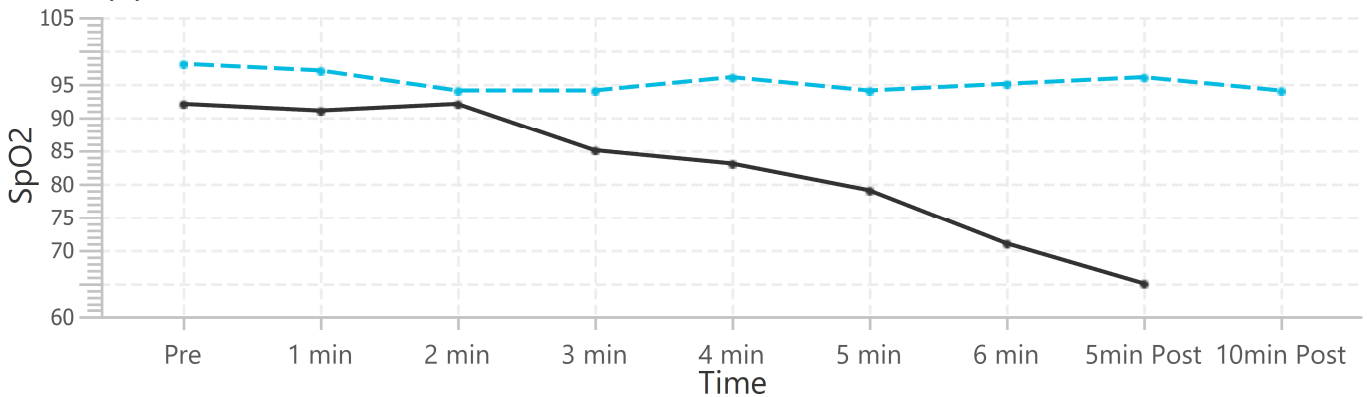
30

#### Repeat

%100 O2

6

30



### TECHNICAL COMMENTS:

Demo Patient

Demo Report...

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Clinical Notes: **Demo Patient**

## Skin Prick Test Report

Skin Prick Test	(mm)		(mm)	(mm)
Negative Control	2	Positive Control	1	
<b>Airborne</b>		<b>Foods</b>		<b>Others</b>
Cat	1	Egg(Whole)	0	
Dog	2	Egg(White)	0	
Horse	3	Egg(Yolk)	0	
D.preronyssinus	1	Milk	1	
Alternaria	2	Barley	2	
Aspergillus Mix	1	Soybean	3	
Cladosporium	1	Wheat	1	
Penicillium	2	Almond	2	
Trichophyton	3	Brazil Nut	3	
Acacia	1	Cashew Nut	4	
Birch	1	Macadamia Nut	3	
Cypress	1	Peanut	1	
Eucalyptus	2	Pecan nut	0	
Plane Tree	2	Pine Kernel	0	
Grass Pollen Mix	1	Walnut	0	
Bahia Grass	2			
Bermuda Grass	1			
Couch Grass	2			
Plantain	2			
Ragweed	1			
Rye Grass	0			

### Antihistamines:

#### TECHNICAL COMMENTS:

Demo patient

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Clinical Notes: **Demo Patient**

## Cardiopulmonary Exercise Test Report

### Summary

		Pred	Pre	%Pre
VE <sub>max</sub>	L/min	74.90	90.00	120
HR <sub>max</sub>	bpm	183	165	90
W <sub>max</sub>	watts	233	165	71
VO <sub>2</sub> peak	L/min	2.93	1.87	64
VO <sub>2</sub> peak	ml/min/kg		24.90	

### Baseline Spirometry

FEV1	Litre	4.25	2.14	50
FVC	Litre	5.15	4.12	80

### Blood Pressure

		Meas
Resting BP	sys/dias	120/80
Peak BP	sys/dias	130/90

### Exercise Protocol

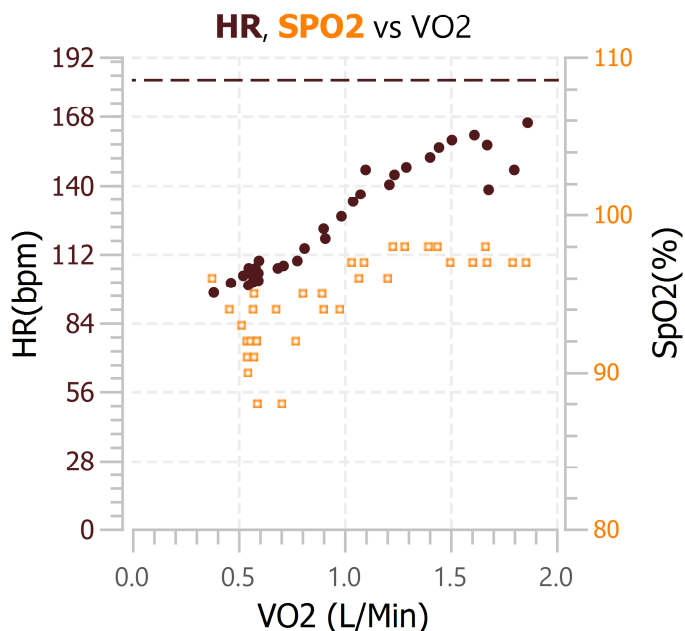
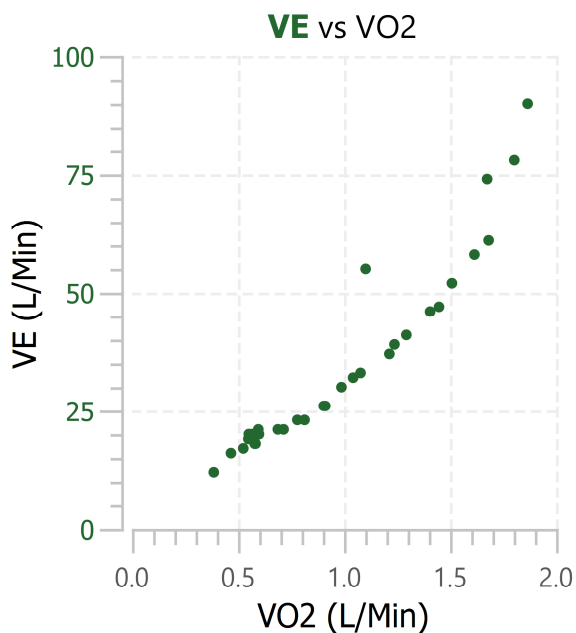
Freewheel	min	2.0
Start	W	15.0
End	W	165.0
Rest	min	1.0
Rate	W/min	15.0

### Borg Scores

	Score
Dyspnoea	1
Leg Fatigue	---
Chest Pain	1
Other	---

### Other Symptoms

Demo



### ECG COMMENTS:

Test ECG Comments

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Clinical Notes: **Demo Patient**

## Cardiopulmonary Exercise Test Report

### TECHNICIAN COMMENTS:

Poor cooperation from subject.

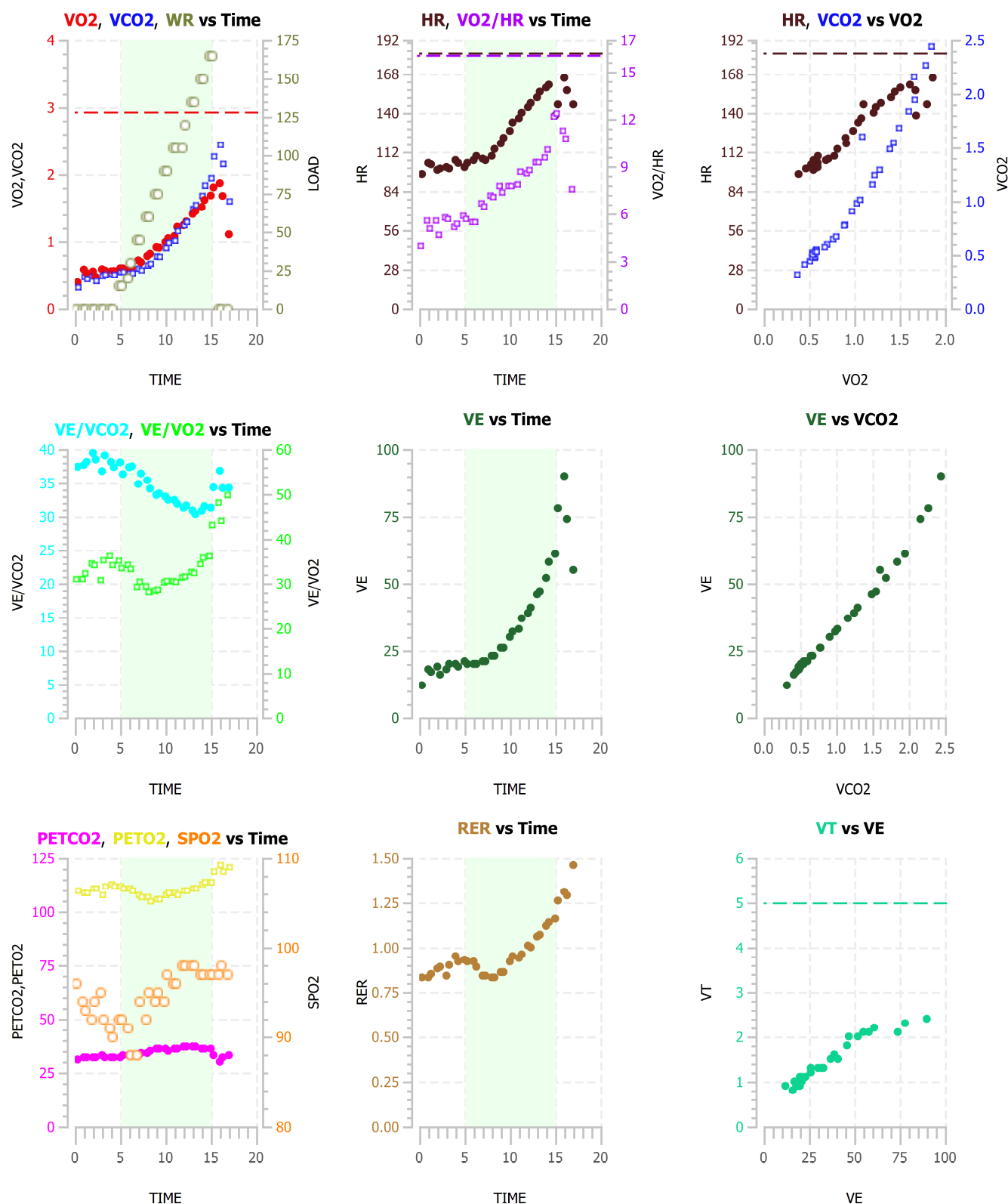
### PHYSICIAN COMMENTS:

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### Clinical Notes:

## Wasserman 9-Panel





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Clinical Notes: **Demo Patient**

Altitude Simulation Report

Altitude Simulation	Stages	1	2	3	4	5	6
FiO2	%	21.0	18.1	17.4	15.9	14.9	---
Altitude	Feet	Sea Level	3900	5100	7400	9000	---
Suppl. I/N Oxygen	L/min	---	---	---	---	---	---
Mean SpO2	%	---	---	---	---	---	---
Mean HR	bpm	---	---	---	---	---	---
pH		---	---	---	---	---	---
PaCO2	mmHg	---	---	---	---	---	---
PaO2	mmHg	---	---	---	---	---	---
SaO2	%	---	---	---	---	---	---

TECHNICAL COMMENTS:

Demo Patient

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Clinical Notes: **Demo Patient**

Pediatric Oximetry Report

Pediatric Oximetry Test

Duration	min	0	2	4	6	8	10	15
Oxygen Level	L/min	---	---	---	---	---	---	---
Heart Rate	bpm	---	---	---	---	---	---	---
SaO2	%	---	---	---	---	---	---	---

TECHNICAL COMMENTS:

Demo Patient

Demo Report...

Dr M MacDonald

27/03/2019