



Altitude Simulation Test Report

Patient Name: **Demo, Data**
 Physician **Dr. Smith**
 Test Date: **January 24, 2015**
 Time: **3:18 PM**

MRN#: **7654321**
 Age: **45**
 Gender: **Male**
 Room# **Out/Pt**

Height: **178** (cm)
 Weight: **73** (kg)
 B.M.I.: **23.0**

Time for each test	Total Time (minutes)	SPO2 (%)	HR (bpm)	Resp Rate	Blood Pressure
Rest (room air)	00:05:00	99	80	12	120/80
REDUCED O2 1 min		99	85		
FIO2=0.150 2 min		97	85		
3 min		96	95		
4 min		96	95		
5 min		96	95	15	130/85
6 min		94	105		
7 min		94	105		
8 min		93	110		
9 min		93	110		
10 min		93	115	20	130/90
11 min		91	120		
12 min		89	120		
13 min		89	120		
14 min		89	120		
15 min		89	120	21	130/89
16 min		87	120		
17 min		87	125		
18 min		87	125		
19 min		86	125		
20 min		86	125	25	135/90
ABG Taken:	0:20:32	86	125		
1 min @ 2 lpm O2		89	115		
2 min @ 2 lpm O2		92	110		
3 min @ 2 lpm O2		95	90		
4 min @ 2 lpm O2		96	85		
5 min @ 2 lpm O2		98	75	14	125/80

Tech Comments:

Tech:

Time for each test	Total Time	SPO2 (%)	HR (bpm)	Resp Rate	Blood Pressure
Rest (room air)	1-5	99	80	12	120/80
Time on Reduced O2 and ABG Taken	0:20:32	86	125		
AFTER 5 min 2 lpm O2		98	75	14	125/80

Physician Interpretation

Physician interpretation goes here

ABG	
pH	0
PCO2	0 mmHg
PO2	0 mmHg
Base Ex.	0
Bicarb	0.0 mEq/L
TCO2	0 mmol/L
O2 Sat	0
FIO2	0.00 %

Interpreting Physician _____

Rest		
TIME	SPO2	HR
00:01:00	99	75
00:01:09	98	75
00:02:01	99	80
00:03:02	99	75
00:04:03	99	80
00:04:04	98	80
00:05:00	99	80

Reduced O2		
TIME	SPO2	HR
00:00:02	99	80
00:01:00	99	85
00:01:15	98	85
00:01:52	97	85
00:02:01	97	85
00:02:41	96	90
00:03:02	96	95
00:04:03	96	95
00:05:04	96	95
00:05:19	95	95
00:05:20	94	95
00:06:05	94	105
00:07:07	94	105
00:07:08	93	105
00:08:08	93	110
00:09:09	93	110
00:10:10	93	115
00:10:30	92	115
00:10:31	91	115
00:11:08	90	120
00:11:11	89	120
00:11:44	88	120
00:12:12	89	120
00:13:13	89	120
00:14:14	89	120
00:15:13	88	120
00:15:15	87	120
00:16:16	87	120
00:17:17	87	125
00:18:18	87	125
00:18:45	86	125
00:19:19	86	125
00:20:00	86	125

SIMULATED
DATA

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ABG		
TIME	SPO2	HR
00:00:02	86	125
00:00:31	86	125

Recovery		
TIME	SPO2	HR
00:00:02	86	125
00:01:00	89	115
00:02:01	92	110
00:03:02	95	90
00:04:03	98	85
00:05:00	98	75