

**PROFOX ASSOCIATES, INC.**  
Oximetry Software

Test date: 04/12/07  
Doctor: Physician Name

Start: 04/12/07 22:00:00  
End: 04/13/07 03:25:40

Patient Name  
ID#: Patient I.D. Number

**Oximetry: Comprehensive Report**

Comments: Overnight study breathing room air.

Recording time: 05:25:40	Highest pulse: <b>86</b>	Highest SpO2: <b>97%</b>
Excluded sampling: 00:01:52	Lowest pulse: <b>52</b>	Lowest SpO2: <b>72%</b>
Total valid sampling: 05:23:48	Mean pulse: <b>62</b>	Mean SpO2: <b>92.6%</b>

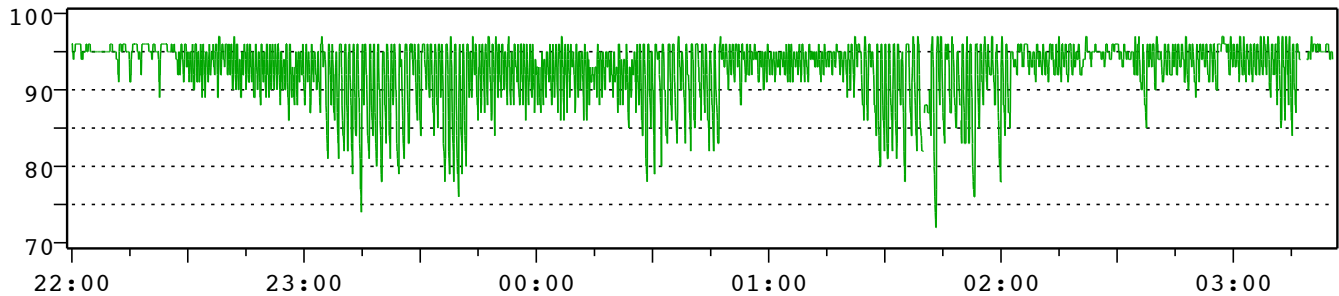
Time with SpO2<90:	0:53:36,	16.6%
Time with SpO2<80:	0:03:12,	1.0%
Time with SpO2<70:	0:00:00,	0.0%
Time with SpO2<60:	0:00:00,	0.0%
Time with SpO2<89:	0:43:48,	13.5%

The longest continuous time with saturation  $\leq 88$  was 00:01:20, which started at 04/13/07 01:40:12.

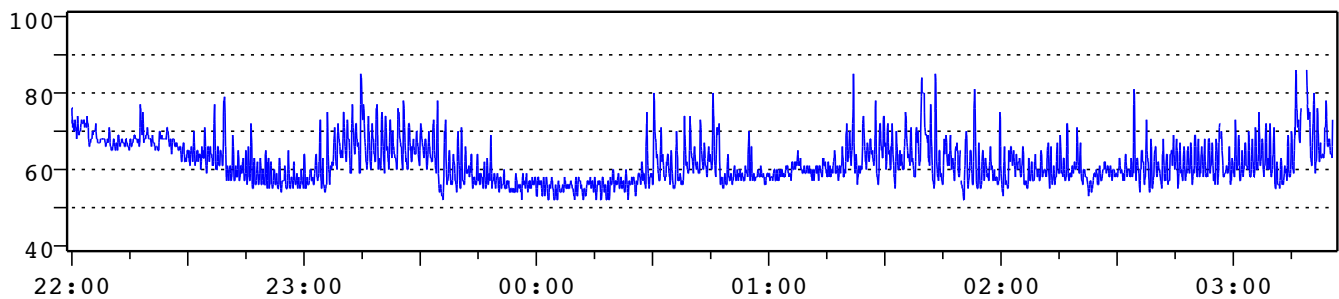
A desaturation event was defined as a decrease of saturation by 4 or more.  
No events were excluded due to artifact.  
There was one desaturation event over 3 minutes duration.

There were 251 desaturation events of less than 3 minutes duration during which:  
The mean high was 95.9%. The mean low was 87.5%.  
The mean length of events that were  $\geq 10$  sec &  $\leq 3$  mins was: 29.9 sec.  
Desaturation event index (number of events per hour): 46.5

SpO2



Pulse



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**Oximetry: Summary Report**

Comments: Overnight study breathing room air.

Recording time: 05:25:40	Highest pulse: <b>86</b>	Highest SpO2: <b>97%</b>
Excluded sampling: 00:01:52	Lowest pulse: <b>52</b>	Lowest SpO2: <b>72%</b>
Total valid sampling: 05:23:48	Mean pulse: <b>62</b>	Mean SpO2: <b>92.6%</b>
	1 S.D.: 5.4	1 S.D.: 3.8

Time with SpO2<90: 0:53:36, 16.6%	Time with SpO2 =>90: 4:30:12, 83.4%
Time with SpO2<80: 0:03:12, 1.0%	Time with SpO2=>80 & <90: 0:50:24, 15.6%
Time with SpO2<70: 0:00:00, 0.0%	Time with SpO2=>70 & <80: 0:03:12, 1.0%
Time with SpO2<60: 0:00:00, 0.0%	Time with SpO2=>60 & <70: 0:00:00, 0.0%
Time with SpO2<89: 0:43:48, 13.5%	

The longest continuous time with saturation <=88 was 00:01:20, which started at 04/13/07 01:40:12.

A desaturation event was defined as a decrease of saturation by 4 or more.  
No events were excluded due to artifact.  
There was one desaturation event over 3 minutes duration.

There were 251 desaturation events of less than 3 minutes duration during which:  
The mean high was 95.9%. The mean low was 87.5%.

The number of these events that were:

> 0 & <10 seconds: 3	> 0 seconds: 251
=>10 & <20 seconds: 64	=>10 seconds: 248
=>20 & <30 seconds: 87	=>20 seconds: 184
=>30 & <40 seconds: 42	=>30 seconds: 97
=>40 & <50 seconds: 33	=>40 seconds: 55
=>50 & <60 seconds: 11	=>50 seconds: 22
=>60 seconds: 11	=>60 seconds: 11

The mean length of desaturation events that were >=10 sec & <=3 mins was: 29.9 sec.  
Desaturation event index (events >=10 sec per sampled hour): 46.0  
Desaturation event index (events >= 0 sec per sampled hour): 46.5

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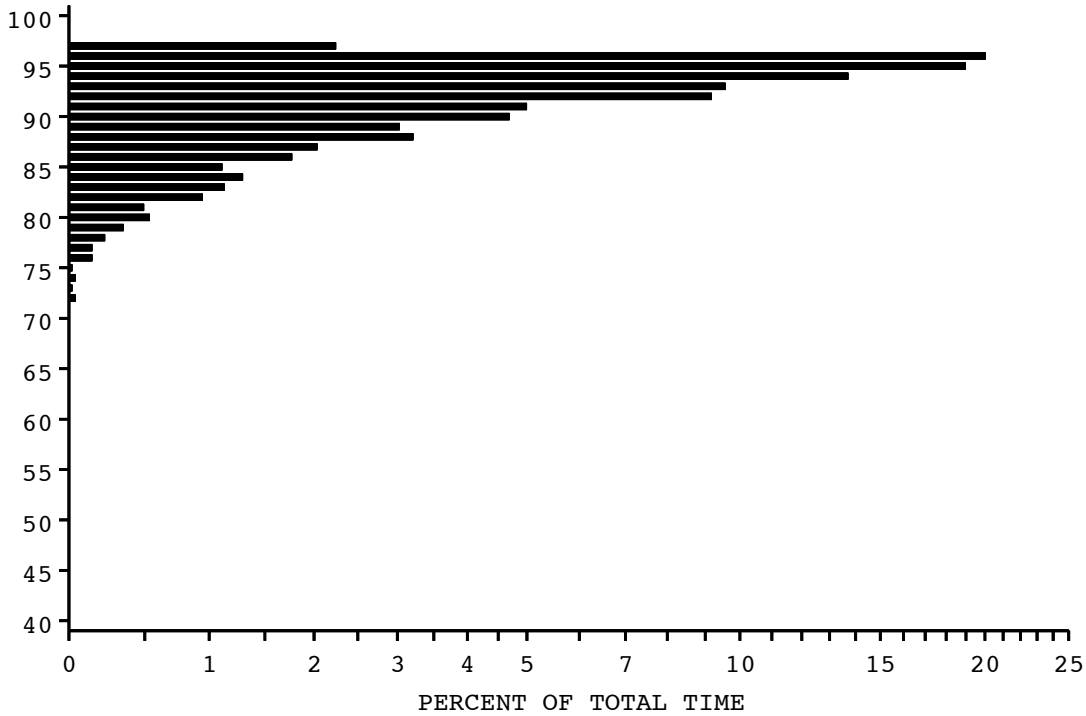
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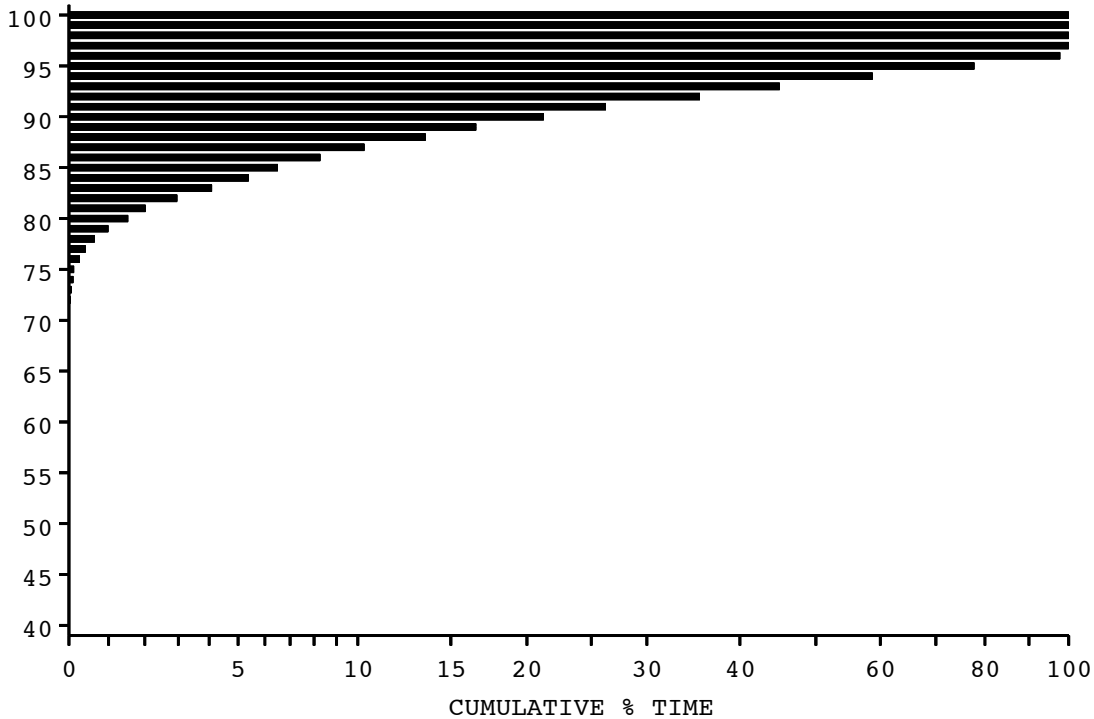
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**Oximetry: % Times Graphic Report**  
Comments: Overnight study breathing room air.

SATURATION



SATURATION



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Oximetry Software

Test date: 04/12/07  
Doctor: Physician Name

Start: 04/12/07 22:00:00  
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**Oximetry: % Times Text Report**

Comments: Overnight study breathing room air.

SpO2:100 0.0 % time

SpO2: 99	0.0 % time	SpO2: 89	3.0 % time	SpO2: 79	0.4 % time
SpO2: 98	0.0 % time	SpO2: 88	3.2 % time	SpO2: 78	0.2 % time
SpO2: 97	2.2 % time	SpO2: 87	2.0 % time	SpO2: 77	0.1 % time
SpO2: 96	20.0 % time	SpO2: 86	1.8 % time	SpO2: 76	0.1 % time
SpO2: 95	19.0 % time	SpO2: 85	1.1 % time	SpO2: 75	0.0 % time
SpO2: 94	13.7 % time	SpO2: 84	1.3 % time	SpO2: 74	0.0 % time
SpO2: 93	9.6 % time	SpO2: 83	1.1 % time	SpO2: 73	0.0 % time
SpO2: 92	9.2 % time	SpO2: 82	0.9 % time	SpO2: 72	0.0 % time
SpO2: 91	5.0 % time	SpO2: 81	0.5 % time	SpO2: 71	% time
SpO2: 90	4.7 % time	SpO2: 80	0.5 % time	SpO2: 70	% time
Total 90's	83.4 % time	Total 80's	15.6 % time	Total 70's	1.0 % time

SpO2: 69	% time	SpO2: 59	% time	SpO2: 49	% time
SpO2: 68	% time	SpO2: 58	% time	SpO2: 48	% time
SpO2: 67	% time	SpO2: 57	% time	SpO2: 47	% time
SpO2: 66	% time	SpO2: 56	% time	SpO2: 46	% time
SpO2: 65	% time	SpO2: 55	% time	SpO2: 45	% time
SpO2: 64	% time	SpO2: 54	% time	SpO2: 44	% time
SpO2: 63	% time	SpO2: 53	% time	SpO2: 43	% time
SpO2: 62	% time	SpO2: 52	% time	SpO2: 42	% time
SpO2: 61	% time	SpO2: 51	% time	SpO2: 41	% time
SpO2: 60	% time	SpO2: 50	% time	SpO2: 40	% time
Total 60's	0.0 % time	Total 50's	0.0 % time	Total 40's	0.0 % time

SpO2 <40 0.0 % time

Pulse range	> 199	0.0 % time
Pulse range	180 - 199	0.0 % time
Pulse range	160 - 179	0.0 % time
Pulse range	140 - 159	0.0 % time
Pulse range	120 - 139	0.0 % time
Pulse range	100 - 119	0.0 % time
Pulse range	90 - 99	0.0 % time
Pulse range	80 - 89	0.7 % time
Pulse range	70 - 79	8.4 % time
Pulse range	60 - 69	49.2 % time
Pulse range	50 - 59	41.8 % time
Pulse range	< 50	0.0 % time

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**Oximetry: Desaturation Report**

Comments: Overnight study breathing room air.

The following lists the 40 desaturation events having the lowest drops. The event durations had to be within 3 minutes to qualify, and the event onset was defined as a decrease in SpO2 by 4 or more.

	Start date	Start time	End time	Duration	Onset	Low	Low	High
1	04/12/07	23:04:56	23:06:16	00:01:20	97	81	54	75
2	04/12/07	23:08:32	23:09:00	00:00:28	95	81	60	72
3	04/12/07	23:09:44	23:10:28	00:00:44	96	82	63	75
4	04/12/07	23:10:52	23:11:24	00:00:32	96	82	62	73
5	04/12/07	23:11:52	23:12:36	00:00:44	96	79	59	77
6	04/12/07	23:14:00	23:14:52	00:00:52	96	74	59	85
7	04/12/07	23:16:04	23:16:52	00:00:48	96	81	60	74
8	04/12/07	23:18:16	23:18:56	00:00:40	96	80	62	77
9	04/12/07	23:19:20	23:20:12	00:00:52	96	78	60	75
10	04/12/07	23:20:52	23:21:16	00:00:24	95	83	64	74
11	04/12/07	23:21:44	23:22:20	00:00:36	96	81	60	73
12	04/12/07	23:23:40	23:24:32	00:00:52	96	79	60	76
13	04/12/07	23:25:16	23:25:56	00:00:40	96	81	60	78
14	04/12/07	23:26:36	23:27:12	00:00:36	96	83	60	72
15	04/12/07	23:35:48	23:36:32	00:00:44	96	78	52	73
16	04/12/07	23:37:08	23:37:40	00:00:32	96	79	57	65
17	04/12/07	23:38:08	23:38:48	00:00:40	97	78	56	64
18	04/12/07	23:39:16	23:40:00	00:00:44	96	76	54	70
19	04/12/07	23:40:20	23:40:56	00:00:36	96	79	55	71
20	04/12/07	23:41:20	23:41:56	00:00:36	96	80	56	66
21	04/13/07	00:28:04	00:28:40	00:00:36	96	78	55	75
22	04/13/07	00:30:00	00:30:36	00:00:36	95	79	56	80
23	04/13/07	00:31:48	00:32:20	00:00:32	96	80	57	71
24	04/13/07	00:39:00	00:39:56	00:00:56	96	82	59	74
25	04/13/07	00:44:00	00:44:40	00:00:40	96	82	58	66
26	04/13/07	00:45:12	00:45:52	00:00:40	95	82	60	80
27	04/13/07	00:46:20	00:47:12	00:00:52	96	83	58	72
28	04/13/07	01:28:16	01:28:56	00:00:40	96	80	56	72
29	04/13/07	01:29:20	01:29:56	00:00:36	96	82	63	74
30	04/13/07	01:30:20	01:30:56	00:00:36	96	81	60	72
31	04/13/07	01:31:20	01:32:00	00:00:40	96	82	60	72
32	04/13/07	01:32:36	01:33:12	00:00:36	96	81	55	70
33	04/13/07	01:34:40	01:35:20	00:00:40	95	78	60	75
34	04/13/07	01:37:40	01:38:20	00:00:40	97	82	58	71
35	04/13/07	01:38:52	01:40:12	00:01:20	97	82	61	84
36	04/13/07	01:42:28	01:43:16	00:00:48	97	72	55	85
37	04/13/07	01:44:48	01:45:32	00:00:44	97	83	56	68
38	04/13/07	01:52:20	01:53:16	00:00:56	96	76	56	81
39	04/13/07	01:59:08	02:00:00	00:00:52	96	78	56	75
40	04/13/07	03:15:40	03:16:16	00:00:36	96	87	62	86

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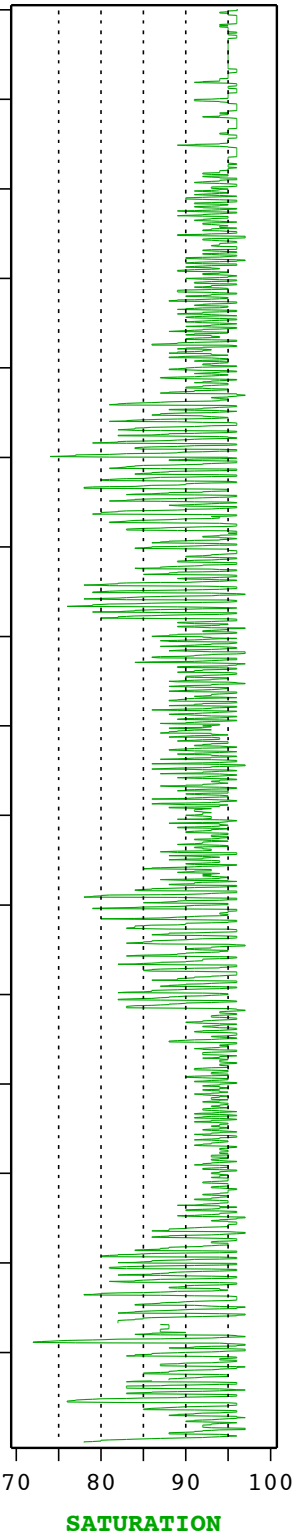
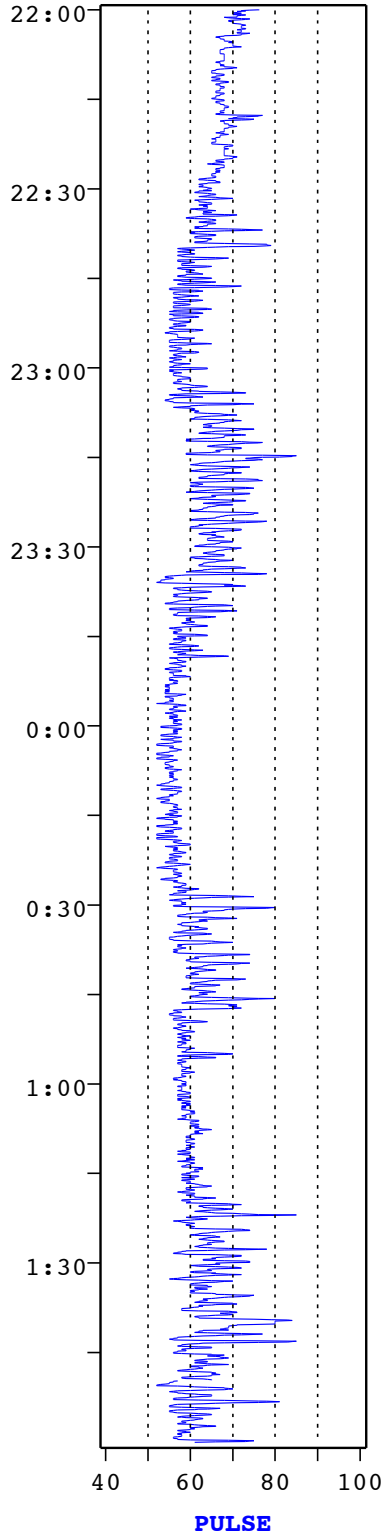
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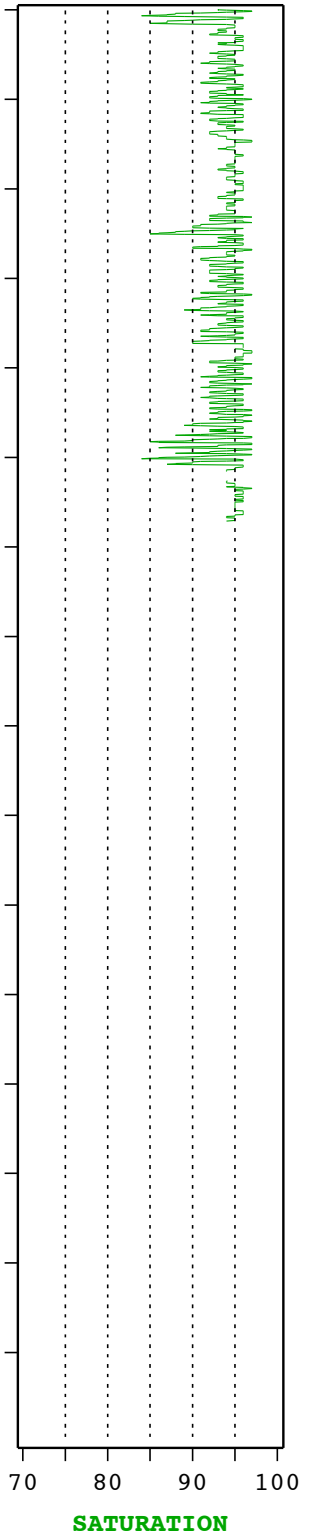
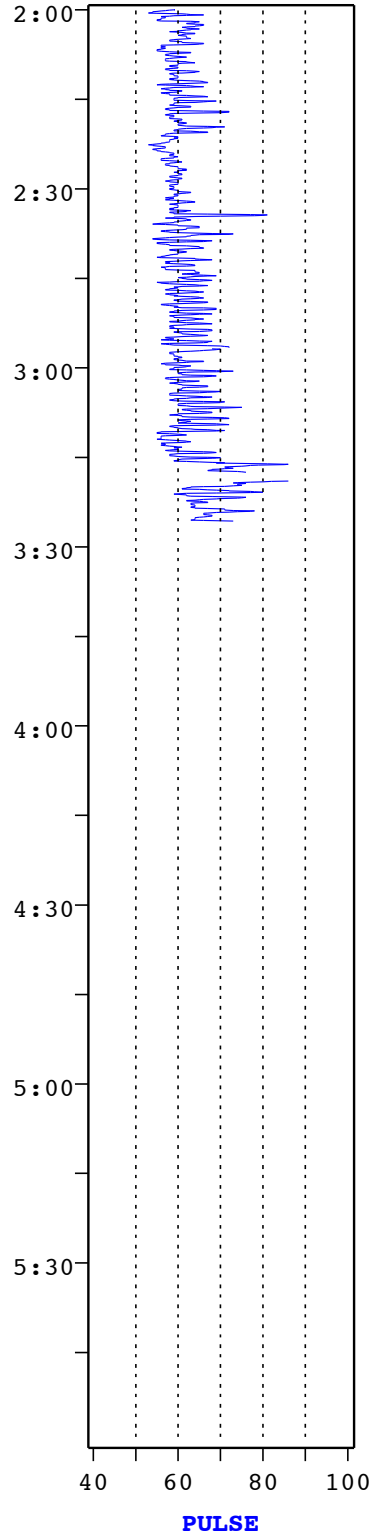
**Oximetry: 8 hours per page**

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HOUR 04/12/07



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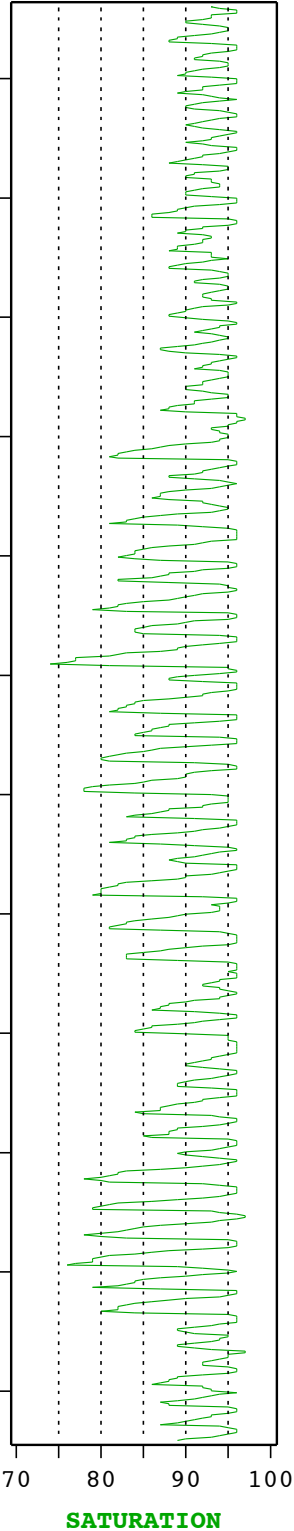
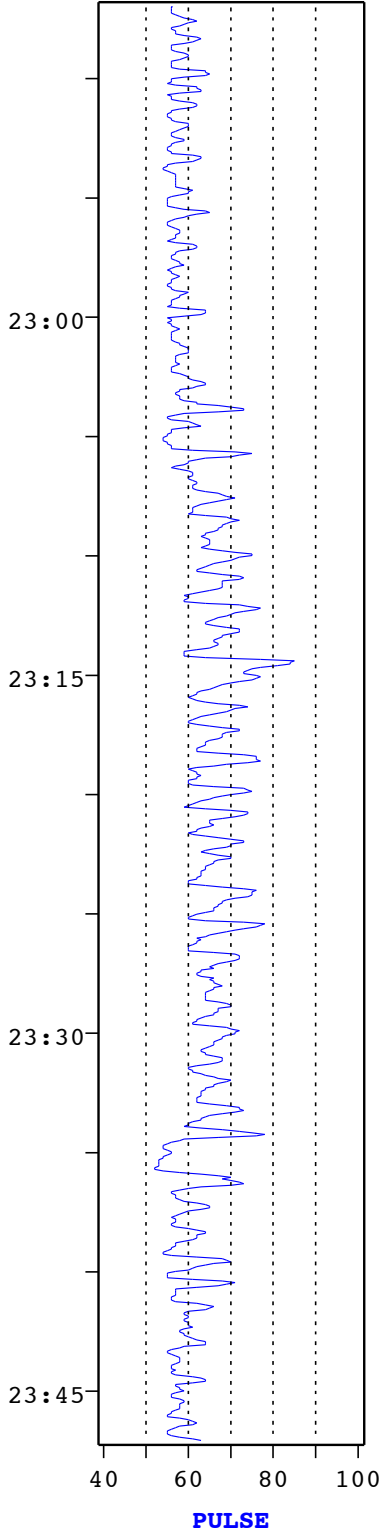
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**Oximetry: 2 hours per page**

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