

# ActiGraph Clinical Report

Name: PD171

Data Start: 12/17/2019 10:00:00 AM

Data End: 12/30/2019 8:21:00 AM

Weight: 187 lbs

Device Serial: TAS1H06190092

# Wear Time Information

## Wear Time Validation Algorithm: Troiano

Wear %: 47.9

Total Wear Time: 148hours 34min

Avg Wear Time Per Day: 10hours 37min 0sec

Non-Wear %: 52.1

Total Non-Wear Time: 161hours 48min

Avg Non-Wear Time Per Day: 11hours 33min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
12/17/2019	738	102	87.9	12.1
12/18/2019	1440	0	100	0
12/19/2019	1440	0	100	0
12/20/2019	1440	0	100	0
12/21/2019	1440	0	100	0
12/22/2019	1440	0	100	0
12/23/2019	971	469	67.4	32.6
12/24/2019	0	1440	0	100
12/25/2019	1	1439	0.1	99.9
12/26/2019	0	1440	0	100
12/27/2019	0	1440	0	100
12/28/2019	4	1436	0.3	99.7
12/29/2019	0	1440	0	100
12/30/2019	0	502	0	100

# Energy Expenditure

## Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 9326.458

Total Steps: 80000

Average kcals per day: 1036.273

Average Hourly kcals: 60.957

Axis 1 Counts: 6274491

Axis 2 Counts: 5881256

Axis 3 Counts: 6226572

Vector Magnitude: 10617373

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
12/17/2019	1148.233	82.017	746963	680757	739757	1252447	12012
12/18/2019	1529.858	63.744	1012284	1003870	1004489	1743982	14585
12/19/2019	1785.554	74.398	1228875	1090119	1141238	2000229	15884
12/20/2019	1285.339	53.556	873248	908448	981157	1597031	9074
12/21/2019	1024.944	42.706	697630	621857	668564	1149074	7802
12/22/2019	1928.900	80.371	1273824	1205723	1288269	2176243	15969
12/23/2019	623.035	25.960	440974	368767	401458	701153	4660
12/24/2019	0	0	0	0	0	0	0
12/25/2019	0.168	0.007	196	652	639	934	6
12/26/2019	0	0	0	0	0	0	0
12/27/2019	0	0	0	0	0	0	0
12/28/2019	0.427	0.018	497	1063	1001	1542	8
12/29/2019	0	0	0	0	0	0	0
12/30/2019	0	0	0	0	0	0	0

# MET Rate

## MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.392  
Total Steps: 80000  
Axis 3 Counts: 6226572

Axis 1 Counts: 6274491  
Axis 2 Counts: 5881256  
Vector Magnitude: 10617373

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
12/17/2019	1.598	746963	680757	739757	1252447	12012
12/18/2019	1.411	1012284	1003870	1004489	1743982	14585
12/19/2019	1.491	1228875	1090119	1141238	2000229	15884
12/20/2019	1.311	873248	908448	981157	1597031	9074
12/21/2019	1.249	697630	621857	668564	1149074	7802
12/22/2019	1.518	1273824	1205723	1288269	2176243	15969
12/23/2019	1.211	440974	368767	401458	701153	4660
12/24/2019	1	0	0	0	0	0
12/25/2019	1	196	652	639	934	6
12/26/2019	1	0	0	0	0	0
12/27/2019	1	0	0	0	0	0
12/28/2019	1	497	1063	1001	1542	8
12/29/2019	1	0	0	0	0	0
12/30/2019	1	0	0	0	0	0

# Cut Points

## Cut Point Set: Freedson Adult (1998)

Total Sedentary: 4552 min (51.07%)

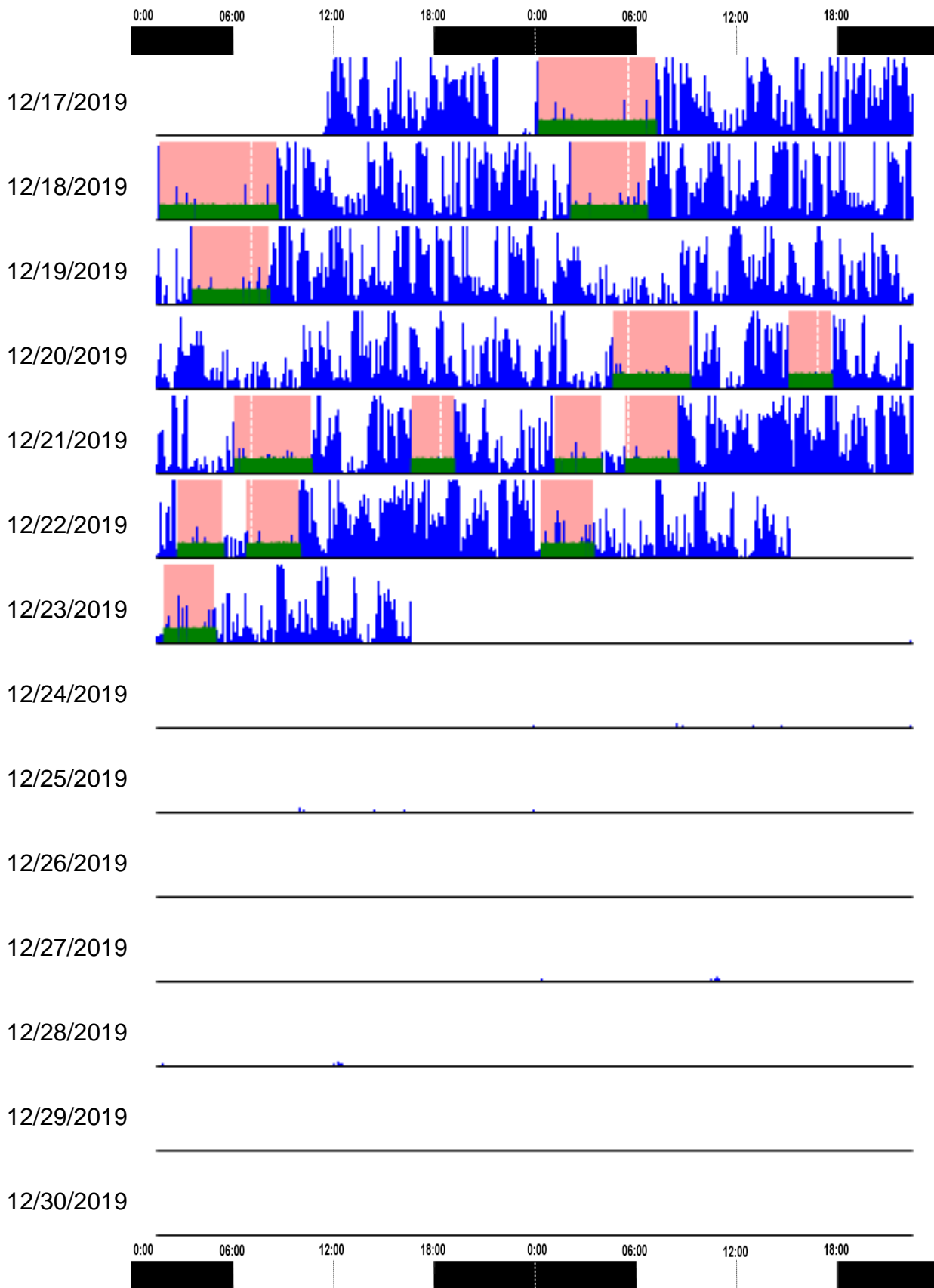
Total Moderate: 673 min (7.55%)

Total Light: 3689 min (41.38%)

Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
12/17/2019	270 min (36.59%)	383 min (51.90%)	85 min (11.52%)	0 min (0.00%)	0 min (0.00%)
12/18/2019	766 min (53.19%)	561 min (38.96%)	113 min (7.85%)	0 min (0.00%)	0 min (0.00%)
12/19/2019	680 min (47.22%)	610 min (42.36%)	150 min (10.42%)	0 min (0.00%)	0 min (0.00%)
12/20/2019	750 min (52.08%)	610 min (42.36%)	80 min (5.56%)	0 min (0.00%)	0 min (0.00%)
12/21/2019	880 min (61.11%)	494 min (34.31%)	66 min (4.58%)	0 min (0.00%)	0 min (0.00%)
12/22/2019	632 min (43.89%)	664 min (46.11%)	144 min (10.00%)	0 min (0.00%)	0 min (0.00%)
12/23/2019	571 min (58.81%)	365 min (37.59%)	35 min (3.60%)	0 min (0.00%)	0 min (0.00%)
12/24/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
12/25/2019	0 min (0.00%)	1 min (100.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
12/26/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
12/27/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
12/28/2019	3 min (75.00%)	1 min (25.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
12/29/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
12/30/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)

# Sleep Graphs



# Sleep Period Breakdown

Sleep Algorithm: Cole-Kripke

In Bed	Out Bed	Latency (min)	Efficiency	Total Time in Bed (min)	Total Sleep Time (TST) (min)	Wake After Sleep Onset (WASO)	# of Awakenings	Avg Awakening (min)
12/18/2019 12:16 AM	12/18/2019 7:41 AM	0	86.07%	445	383	62	28	2.21
12/19/2019 2:18 AM	12/19/2019 7:08 AM	0	80%	290	232	58	14	4.14
12/21/2019 5:00 AM	12/21/2019 9:51 AM	0	83.85%	291	244	47	26	1.81
12/21/2019 4:11 PM	12/21/2019 6:53 PM	0	82.72%	162	134	28	13	2.15
12/22/2019 1:21 AM	12/22/2019 4:15 AM	0	83.91%	174	146	28	9	3.11
12/22/2019 5:48 AM	12/22/2019 9:06 AM	0	86.36%	198	171	27	17	1.59
12/23/2019 12:28 AM	12/23/2019 3:44 AM	0	69.9%	196	137	59	18	3.28
<b>1:03 AM</b>	<b>8:39 AM</b>	<b>0</b>	<b>81.83%</b>	<b>250.86</b>	<b>206.71</b>	<b>44.14</b>	<b>17.86</b>	<b>2.47</b>

# Interpretation