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-0.693147181	30		N_2 Tissue Compartments										
Copyright (C) 1998 Benton P. Zwart			5	10	20	40	80	120	160	320	480	640	T1/2
Initial Tissue PN_2	26.07		2.2990	2.0083	1.7060	1.3905	1.2726	1.2619	1.2548	1.2350	1.2208	1.2137	Slope
Safety Enhancement (0 - 100)	65		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Intercept
Local Barometer (mmHg)	760		1.3168	1.2150	1.1092	0.9988	0.9575	0.9538	0.9513	0.9444	0.9394	0.9369	Safety Slope
Initial Steady State FiO2	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Intercept
						Depth Gauge Must = 0 at Surface of Water!							
Linear Transition Time	6.00	5.5	82.95	56.56	41.13	33.35	29.60	28.40	27.80	26.93	26.64	26.50	$PN_2(t)$
Transition O_2 Fraction	0.21												
Calculated Target PN_2	156.4		482.94	418.95	353.91	287.51	262.06	259.04	255.37	251.02	248.17	246.50	Nxt Seg Ms
Initial PN_2 Inspired	26.07		270.43	248.03	225.27	202.03	193.12	192.07	190.78	189.26	188.26	187.68	Safety Ms
Target - Initial	130.4		187.48	191.47	184.14	168.68	163.52	163.67	162.98	162.33	161.62	161.18	Buffer
Segment 1 Conditions													
Segment Depth (FSW)	165		138.05	106.49	74.90	52.93	40.13	35.58	33.26	29.70	28.50	27.90	$PN_2(t)$
Segment Time (Min)	10		241.54	208.08	174.78	141.51	128.44	126.54	123.62	121.34	119.99	119.06	Nxt Seg Ms
Inspired O_2 Fraction	0.21		132.17	120.45	108.80	97.16	92.58	91.92	90.89	90.10	89.62	89.30	Safety Ms
Calculated PN_2	156.4		(5.89)	13.96	33.90	44.23	52.45	56.34	57.64	60.39	61.12	61.40	Buffer
165.00													
Linear Transition Time	1.50	3.5											
Transition O_2 Fraction	0.21		131.92	106.79	76.78	54.48	41.08	36.26	33.78	29.98	28.69	28.04	$PN_2(t)$
Calculated Target PN_2	73.47		0.25	13.66	32.02	42.68	51.50	55.66	57.11	60.12	60.94	61.26	Buffer
Initial PN_2 Inspired	156.4												
Target - Initial	-82.95												
Segment 2 Conditions													
Segment Depth (FSW)	60		98.91	95.45	76.16	56.36	42.72	37.53	34.80	30.54	29.07	28.33	$PN_2(t)$
Segment Time (Min)	6		195.56	167.91	140.66	113.70	102.98	101.31	98.52	96.64	95.57	94.79	Nxt Seg Ms
Inspired O_2 Fraction	0.21		105.83	96.15	86.62	77.18	73.43	72.84	71.87	71.21	70.84	70.56	Safety Ms
Calculated PN_2	73.47		6.92	0.70	10.46	20.82	30.70	35.31	37.07	40.67	41.76	42.23	Buffer
60.00													
Linear Transition Time	0.70	0.7											
Transition O_2 Fraction	0.21		95.74	94.01	75.90	56.46	42.86	37.64	34.89	30.59	29.11	28.36	$PN_2(t)$
Calculated Target PN_2	57.67		10.09	2.14	10.72	20.71	30.57	35.20	36.97	40.62	41.72	42.20	Buffer
Initial PN_2 Inspired	73.47												
Target - Initial	-15.8												
Segment 3 Conditions													
Segment Depth (FSW)	40		47.87	66.48	63.82	51.78	41.05	36.57	34.15	30.26	28.90	28.21	$PN_2(t)$
Segment Time (Min)	5		149.58	127.75	106.54	85.89	77.53	76.07	73.43	71.94	71.16	70.51	Nxt Seg Ms
Inspired O_2 Fraction	1		79.50	71.85	64.43	57.20	54.28	53.77	52.84	52.32	52.05	51.82	Safety Ms
Calculated PN_2	0		31.63	5.38	0.61	5.43	13.23	17.20	18.70	22.06	23.15	23.62	Buffer
40.00													
Linear Transition Time	0.70	0.7											
Transition O_2 Fraction	1		43.44	63.33	62.29	51.15	40.80	36.42	34.04	30.22	28.87	28.19	$PN_2(t)$
Calculated Target PN_2	0		36.05	8.52	2.14	6.05	13.48	17.34	18.80	22.10	23.18	23.64	Buffer
Initial PN_2 Inspired	0												
Target - Initial	0												
Segment 4 Conditions													
Segment Depth (FSW)	20		3.58	18.19	33.38	37.45	34.91	32.83	31.49	29.06	28.13	27.64	$PN_2(t)$
Segment Time (Min)	18		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	1		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	0		49.58	29.37	8.86	(0.22)	0.22	1.86	2.33	4.37	5.13	5.44	Buffer
20.00													
Linear Transition Time	0.70	0.7											
Transition O_2 Fraction	1		3.25	17.33	32.58	37.00	34.69	32.69	31.39	29.02	28.10	27.62	$PN_2(t)$
Calculated Target PN_2	0		49.91	30.23	9.67	0.23	0.43	2.00	2.42	4.42	5.16	5.46	Buffer
Initial PN_2 Inspired	0												
Target - Initial	0												

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Segment 5 Conditions													
Segment Depth (FSW)	0		3.25	17.33	32.58	37.00	34.69	32.69	31.39	29.02	28.10	27.62	PN_2(t)
Segment Time (Min)	0		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	26.07		49.91	30.23	9.67	0.23	0.43	2.00	2.42	4.42	5.16	5.46	Buffer
0.00													
Linear Transition Time	0.00	0.0											
Transition O_2 Fraction	0.21		3.25	17.33	32.58	37.00	34.69	32.69	31.39	29.02	28.10	27.62	PN_2(t)
Calculated Target PN_2	26.07		49.91	30.23	9.67	0.23	0.43	2.00	2.42	4.42	5.16	5.46	Buffer
Initial PN_2 Inspired	26.07												
Target - Initial	0												
Segment 6 Conditions													
Segment Depth (FSW)	0		3.25	17.33	32.58	37.00	34.69	32.69	31.39	29.02	28.10	27.62	PN_2(t)
Segment Time (Min)	0		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	26.07		49.91	30.23	9.67	0.23	0.43	2.00	2.42	4.42	5.16	5.46	Buffer
0.00													
Linear Transition Time	0.00	0.0											
Transition O_2 Fraction	0.21		3.25	17.33	32.58	37.00	34.69	32.69	31.39	29.02	28.10	27.62	PN_2(t)
Calculated Target PN_2	26.07		49.91	30.23	9.67	0.23	0.43	2.00	2.42	4.42	5.16	5.46	Buffer
Initial PN_2 Inspired	26.07												
Target - Initial	0												
Final Depth (FSW)	0												
Final Air PN_2	26.1		Torr Estimator:		Alt (0-20000') =		5200	Torr =	625.56	Equiv =	-5.84 FSW		
Total Dive Time (Min)	48.6												
Residual PN_2 (mm-min)	5613		-114.1	-87.45	130.233	437.012	689.935	794.824	851.751	943.18	975.349	991.762	
Residual PN_2 Index (mm)	2.993												
0.00													

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-0.693147181	30		N_2 Tissue Compartments										
Copyright (C) 1998 Benton P. Zwart			5	10	20	40	80	120	160	320	480	640	T1/2
Initial Tissue PN_2	26.07		2.2990	2.0083	1.7060	1.3905	1.2726	1.2619	1.2548	1.2350	1.2208	1.2137	Slope
Safety Enhancement (0 - 100)	65		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Intercept
Local Barometer (mmHg)	760		1.3168	1.2150	1.1092	0.9988	0.9575	0.9538	0.9513	0.9444	0.9394	0.9369	Safety Slope
Initial Steady State FiO2	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Intercept
						Depth Gauge Must = 0 at Surface of Water!							
Linear Transition Time	6.00	5.5	82.95	56.56	41.13	33.35	29.60	28.40	27.80	26.93	26.64	26.50	PN_2(t)
Transition O_2 Fraction	0.21												
Calculated Target PN_2	156.4		482.94	418.95	353.91	287.51	262.06	259.04	255.37	251.02	248.17	246.50	Nxt Seg Ms
Initial PN_2 Inspired	26.07		270.43	248.03	225.27	202.03	193.12	192.07	190.78	189.26	188.26	187.68	Safety Ms
Target - Initial	130.4		187.48	191.47	184.14	168.68	163.52	163.67	162.98	162.33	161.62	161.18	Buffer
Segment 1 Conditions													
Segment Depth (FSW)	165		138.05	106.49	74.90	52.93	40.13	35.58	33.26	29.70	28.50	27.90	PN_2(t)
Segment Time (Min)	10		241.54	208.08	174.78	141.51	128.44	126.54	123.62	121.34	119.99	119.06	Nxt Seg Ms
Inspired O_2 Fraction	0.21		132.17	120.45	108.80	97.16	92.58	91.92	90.89	90.10	89.62	89.30	Safety Ms
Calculated PN_2	156.4		(5.89)	13.96	33.90	44.23	52.45	56.34	57.64	60.39	61.12	61.40	Buffer
165.00													
Linear Transition Time	1.50	3.5											
Transition O_2 Fraction	0.21		131.92	106.79	76.78	54.48	41.08	36.26	33.78	29.98	28.69	28.04	PN_2(t)
Calculated Target PN_2	73.47		0.25	13.66	32.02	42.68	51.50	55.66	57.11	60.12	60.94	61.26	Buffer
Initial PN_2 Inspired	156.4												
Target - Initial	-82.95												
Segment 2 Conditions													
Segment Depth (FSW)	60		98.91	95.45	76.16	56.36	42.72	37.53	34.80	30.54	29.07	28.33	PN_2(t)
Segment Time (Min)	6		195.56	167.91	140.66	113.70	102.98	101.31	98.52	96.64	95.57	94.79	Nxt Seg Ms
Inspired O_2 Fraction	0.21		105.83	96.15	86.62	77.18	73.43	72.84	71.87	71.21	70.84	70.56	Safety Ms
Calculated PN_2	73.47		6.92	0.70	10.46	20.82	30.70	35.31	37.07	40.67	41.76	42.23	Buffer
60.00													
Linear Transition Time	0.70	0.7											
Transition O_2 Fraction	0.21		95.74	94.01	75.90	56.46	42.86	37.64	34.89	30.59	29.11	28.36	PN_2(t)
Calculated Target PN_2	57.67		10.09	2.14	10.72	20.71	30.57	35.20	36.97	40.62	41.72	42.20	Buffer
Initial PN_2 Inspired	73.47												
Target - Initial	-15.8												
Segment 3 Conditions													
Segment Depth (FSW)	40		3.95	19.09	34.20	37.90	35.12	32.96	31.58	29.11	28.16	27.66	PN_2(t)
Segment Time (Min)	23		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	1		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	0		49.21	28.46	8.05	(0.68)	0.01	1.73	2.23	4.33	5.10	5.42	Buffer
40.00													
Linear Transition Time	1.30	1.3											
Transition O_2 Fraction	1		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	PN_2(t)
Calculated Target PN_2	0		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
Initial PN_2 Inspired	0												
Target - Initial	0												
Segment 4 Conditions													
Segment Depth (FSW)	0		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	PN_2(t)
Segment Time (Min)	0		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	26.07		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
0.00													
Linear Transition Time	0.00	0.0											
Transition O_2 Fraction	0.21		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	PN_2(t)
Calculated Target PN_2	26.07		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
Initial PN_2 Inspired	26.07												
Target - Initial	0												

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Segment 5 Conditions													
Segment Depth (FSW)	0		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	$PN_2(t)$
Segment Time (Min)	0		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	26.07		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
0.00													
Linear Transition Time	0.00	0.0											
Transition O_2 Fraction	0.21		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	$PN_2(t)$
Calculated Target PN_2	26.07		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
Initial PN_2 Inspired	26.07												
Target - Initial	0												
Segment 6 Conditions													
Segment Depth (FSW)	0		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	$PN_2(t)$
Segment Time (Min)	0		103.60	87.58	72.42	58.08	52.08	50.83	48.33	47.24	46.74	46.24	Nxt Seg Ms
Inspired O_2 Fraction	0.21		53.16	47.55	42.25	37.23	35.13	34.69	33.82	33.43	33.26	33.08	Safety Ms
Calculated PN_2	26.07		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
0.00													
Linear Transition Time	0.00	0.0											
Transition O_2 Fraction	0.21		3.30	17.45	32.70	37.06	34.72	32.71	31.41	29.02	28.11	27.62	$PN_2(t)$
Calculated Target PN_2	26.07		49.86	30.11	9.55	0.17	0.40	1.98	2.41	4.41	5.15	5.46	Buffer
Initial PN_2 Inspired	26.07												
Target - Initial	0												
Final Depth (FSW)	0												
Final Air PN_2	26.1		Torr Estimator:		Alt (0-20000') =		5200	Torr =	625.56	Equiv =	-5.84 FSW		
Total Dive Time (Min)	48.5												
Residual PN_2 (mm-min)	5631		-113.87	-86.245	132.495	439.579	692.341	797.091	853.928	945.192	977.297	993.677	
Residual PN_2 Index (mm)	3.003												
0.00													