

O2 2 Stop

-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 (20-100)	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	4.00	5.5	66.14	46.36	35.91	30.83	28.40	27.61	27.22	26.64	26.45	26.35	PN ₂ (t)
Transition O ₂ Fraction	0.21												
Calculated Target PN ₂	156.42		482.96	418.97	353.92	287.52	262.07	259.05	255.38	251.02	248.18	246.51	Nxt Seg Ms
Initial PN ₂ Inspired	26.07		270.44	248.04	225.27	202.03	193.12	192.07	190.78	189.26	188.26	187.68	Safety Ms
Target - Initial	130.35		204.29	201.68	189.36	171.20	164.73	164.46	163.57	162.62	161.81	161.32	Buffer
Segment 1 Conditions													
Segment Depth (FSW)	165		126.64	93.21	65.09	47.09	36.97	33.42	31.62	28.87	27.94	27.48	PN ₂ (t)
Segment Time (Min)	8		241.67	208.18	174.86	141.57	128.48	126.59	123.65	121.37	120.02	119.09	Nxt Seg Ms
Inspired O ₂ Fraction	0.21		132.21	120.49	108.83	97.18	92.60	91.93	90.91	90.11	89.63	89.31	Safety Ms
Calculated PN ₂	156.42		5.57	27.28	43.73	50.09	55.63	58.51	59.29	61.24	61.69	61.83	Buffer
165.00													
Linear Transition Time	3.50	3.5											
Transition O ₂ Fraction	0.21		115.58	95.57	70.08	50.89	39.25	35.03	32.86	29.52	28.38	27.81	PN ₂ (t)
Calculated Target PN ₂	73.47		16.63	24.92	38.74	46.29	53.35	56.90	58.05	60.59	61.25	61.50	Buffer
Initial PN ₂ Inspired	156.42												
Target - Initial	-82.95												
Segment 2 Conditions													
Segment Depth (FSW)	60		84.00	84.52	71.07	54.48	42.09	37.19	34.58	30.46	29.03	28.30	PN ₂ (t)
Segment Time (Min)	10		172.82	148.02	123.75	99.91	90.35	88.77	86.04	84.35	83.42	82.71	Nxt Seg Ms
Inspired O ₂ Fraction	0.21		92.75	84.07	75.58	67.23	63.89	63.33	62.38	61.79	61.46	61.21	Safety Ms
Calculated PN ₂	73.47		8.75	(0.45)	4.50	12.75	21.80	26.14	27.80	31.33	32.44	32.91	Buffer
60.00													
Linear Transition Time	1.00	1.0											
Transition O ₂ Fraction	1		73.12	78.86	68.65	53.54	41.72	36.98	34.43	30.39	28.98	28.27	PN ₂ (t)
Calculated Target PN ₂	0		19.63	5.21	6.92	13.69	22.16	26.36	27.95	31.39	32.48	32.94	Buffer
Initial PN ₂ Inspired	0												
Target - Initial	0												
Segment 3 Conditions													
Segment Depth (FSW)	30		55.42	68.65	64.06	51.72	41.01	36.55	34.13	30.26	28.90	28.21	PN ₂ (t)
Segment Time (Min)	2		149.89	127.98	106.72	86.03	77.64	76.17	73.50	72.01	71.23	70.58	Nxt Seg Ms
Inspired O ₂ Fraction	1		79.60	71.94	64.49	57.25	54.32	53.80	52.87	52.35	52.07	51.85	Safety Ms
Calculated PN ₂	0		24.19	3.28	0.44	5.53	13.31	17.25	18.73	22.09	23.17	23.64	Buffer
30.00													
Linear Transition Time	0.30	0.3											
Transition O ₂ Fraction	1		53.16	67.24	63.39	51.45	40.90	36.49	34.09	30.24	28.89	28.20	PN ₂ (t)
Calculated Target PN ₂	0		26.44	4.70	1.10	5.80	13.42	17.31	18.78	22.11	23.18	23.65	Buffer
Initial PN ₂ Inspired	0												
Target - Initial	0												
Segment 4 Conditions													
Segment Depth (FSW)	20		4.38	19.31	33.97	37.66	34.99	32.88	31.53	29.08	28.15	27.65	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		48.78	28.24	8.28	(0.44)	0.13	1.81	2.28	4.35	5.11	5.43	Buffer
20.00													
Linear Transition Time	0.70	0.7											
Transition O ₂ Fraction	1		3.98	18.40	33.16	37.21	34.78	32.75	31.44	29.04	28.12	27.63	PN ₂ (t)
Calculated Target PN ₂	0		49.18	29.16	9.09	0.02	0.35	1.94	2.38	4.39	5.14	5.45	Buffer
Initial PN ₂ Inspired	0												
Target - Initial	0												
Segment 5 Conditions													
Segment Depth (FSW)	0		3.98	18.40	33.16	37.21	34.78	32.75	31.44	29.04	28.12	27.63	PN ₂ (t)

O2 2 Stop

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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 (20-100)	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 FiO ₂	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	4.00	5.5	66.14	46.36	35.91	30.83	28.40	27.61	27.22	26.64	26.45	26.35	PN ₂ (t)
Transition O ₂ Fraction	0.21												
Calculated Target PN ₂	156.42	482.96	418.97	353.92	287.52	262.07	259.05	255.38	251.02	248.18	246.51	Nxt Seg Ms	
Initial PN ₂ Inspired	26.07	270.44	248.04	225.27	202.03	193.12	192.07	190.78	189.26	188.26	187.68	Safety Ms	
Target - Initial	130.35	204.29	201.68	189.36	171.20	164.73	164.46	163.57	162.62	161.81	161.32	Buffer	
Segment 1 Conditions													
Segment Depth (FSW)	165	126.64	93.21	65.09	47.09	36.97	33.42	31.62	28.87	27.94	27.48	PN ₂ (t)	
Segment Time (Min)	8	241.67	208.18	174.86	141.57	128.48	126.59	123.65	121.37	120.02	119.09	Nxt Seg Ms	
Inspired O ₂ Fraction	0.21	132.21	120.49	108.83	97.18	92.60	91.93	90.91	90.11	89.63	89.31	Safety Ms	
Calculated PN ₂	156.42	5.57	27.28	43.73	50.09	55.63	58.51	59.29	61.24	61.69	61.83	Buffer	
165.00													
Linear Transition Time	3.50	3.5											
Transition O ₂ Fraction	0.21	115.58	95.57	70.08	50.89	39.25	35.03	32.86	29.52	28.38	27.81	PN ₂ (t)	
Calculated Target PN ₂	73.47	16.63	24.92	38.74	46.29	53.35	56.90	58.05	60.59	61.25	61.50	Buffer	
Initial PN ₂ Inspired	156.42												
Target - Initial	-82.95												
Segment 2 Conditions													
Segment Depth (FSW)	60	84.00	84.52	71.07	54.48	42.09	37.19	34.58	30.46	29.03	28.30	PN ₂ (t)	
Segment Time (Min)	10	172.82	148.02	123.75	99.91	90.35	88.77	86.04	84.35	83.42	82.71	Nxt Seg Ms	
Inspired O ₂ Fraction	0.21	92.75	84.07	75.58	67.23	63.89	63.33	62.38	61.79	61.46	61.21	Safety Ms	
Calculated PN ₂	73.47	8.75	(0.45)	4.50	12.75	21.80	26.14	27.80	31.33	32.44	32.91	Buffer	
60.00													
Linear Transition Time	1.00	1.0											
Transition O ₂ Fraction	1	73.12	78.86	68.65	53.54	41.72	36.98	34.43	30.39	28.98	28.27	PN ₂ (t)	
Calculated Target PN ₂	0	19.63	5.21	6.92	13.69	22.16	26.36	27.95	31.39	32.48	32.94	Buffer	
Initial PN ₂ Inspired	0												
Target - Initial	0												
Segment 3 Conditions													
Segment Depth (FSW)	30	55.42	68.65	64.06	51.72	41.01	36.55	34.13	30.26	28.90	28.21	PN ₂ (t)	
Segment Time (Min)	2	149.89	127.98	106.72	86.03	77.64	76.17	73.50	72.01	71.23	70.58	Nxt Seg Ms	
Inspired O ₂ Fraction	1	79.60	71.94	64.49	57.25	54.32	53.80	52.87	52.35	52.07	51.85	Safety Ms	
Calculated PN ₂	0	24.19	3.28	0.44	5.53	13.31	17.25	18.73	22.09	23.17	23.64	Buffer	
30.00													
Linear Transition Time	0.30	0.3											
Transition O ₂ Fraction	1	53.16	67.24	63.39	51.45	40.90	36.49	34.09	30.24	28.89	28.20	PN ₂ (t)	
Calculated Target PN ₂	0	26.44	4.70	1.10	5.80	13.42	17.31	18.78	22.11	23.18	23.65	Buffer	
Initial PN ₂ Inspired	0												
Target - Initial	0												
Segment 4 Conditions													
Segment Depth (FSW)	20	26.58	47.55	53.31	47.18	39.17	35.45	33.36	29.91	28.68	28.04	PN ₂ (t)	
Segment Time (Min)	5	126.90	107.90	89.66	72.12	64.92	63.55	60.96	59.66	59.02	58.45	Nxt Seg Ms	
Inspired O ₂ Fraction	1	66.44	59.79	53.40	47.26	44.74	44.26	43.36	42.90	42.68	42.48	Safety Ms	
Calculated PN ₂	0	39.86	12.24	0.10	0.08	5.58	8.82	10.00	12.99	14.00	14.43	Buffer	
20.00													
Linear Transition Time	0.30	0.3											
Transition O ₂ Fraction	1	25.50	46.57	52.76	46.94	39.07	35.39	33.32	29.90	28.67	28.04	PN ₂ (t)	
Calculated Target PN ₂	0	40.94	13.22	0.65	0.33	5.68	8.88	10.04	13.01	14.01	14.44	Buffer	
Initial PN ₂ Inspired	0												
Target - Initial	0												
Segment 5 Conditions													
Segment Depth (FSW)	10	4.21	18.91	33.62	37.47	34.90	32.83	31.49	29.07	28.13	27.64	PN ₂ (t)	

O2 3 Stop

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Nitrox 2 Stop

-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 (20-100)	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 FiO ₂	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	4.00	5.5	66.14	46.36	35.91	30.83	28.40	27.61	27.22	26.64	26.45	26.35	PN ₂ (t)
Transition O ₂ Fraction	0.21												
Calculated Target PN ₂	156.42	482.96	418.97	353.92	287.52	262.07	259.05	255.38	251.02	248.18	246.51	Nxt Seg Ms	
Initial PN ₂ Inspired	26.07	270.44	248.04	225.27	202.03	193.12	192.07	190.78	189.26	188.26	187.68	Safety Ms	
Target - Initial	130.35	204.29	201.68	189.36	171.20	164.73	164.46	163.57	162.62	161.81	161.32	Buffer	
Segment 1 Conditions													
Segment Depth (FSW)	165	126.64	93.21	65.09	47.09	36.97	33.42	31.62	28.87	27.94	27.48	PN ₂ (t)	
Segment Time (Min)	8	241.67	208.18	174.86	141.57	128.48	126.59	123.65	121.37	120.02	119.09	Nxt Seg Ms	
Inspired O ₂ Fraction	0.21	132.21	120.49	108.83	97.18	92.60	91.93	90.91	90.11	89.63	89.31	Safety Ms	
Calculated PN ₂	156.42	5.57	27.28	43.73	50.09	55.63	58.51	59.29	61.24	61.69	61.83	Buffer	
165.00													
Linear Transition Time	3.50	3.5											
Transition O ₂ Fraction	0.21	115.58	95.57	70.08	50.89	39.25	35.03	32.86	29.52	28.38	27.81	PN ₂ (t)	
Calculated Target PN ₂	73.47	16.63	24.92	38.74	46.29	53.35	56.90	58.05	60.59	61.25	61.50	Buffer	
Initial PN ₂ Inspired	156.42												
Target - Initial	-82.95												
Segment 2 Conditions													
Segment Depth (FSW)	60	84.00	84.52	71.07	54.48	42.09	37.19	34.58	30.46	29.03	28.30	PN ₂ (t)	
Segment Time (Min)	10	172.82	148.02	123.75	99.91	90.35	88.77	86.04	84.35	83.42	82.71	Nxt Seg Ms	
Inspired O ₂ Fraction	0.21	92.75	84.07	75.58	67.23	63.89	63.33	62.38	61.79	61.46	61.21	Safety Ms	
Calculated PN ₂	73.47	8.75	(0.45)	4.50	12.75	21.80	26.14	27.80	31.33	32.44	32.91	Buffer	
60.00													
Linear Transition Time	1.00	1.0											
Transition O ₂ Fraction	0.5	78.01	81.43	69.97	54.21	42.06	37.20	34.60	30.48	29.04	28.31	PN ₂ (t)	
Calculated Target PN ₂	31.5	14.74	2.64	5.61	13.02	21.83	26.13	27.78	31.31	32.42	32.90	Buffer	
Initial PN ₂ Inspired	46.5												
Target - Initial	-15												
Segment 3 Conditions													
Segment Depth (FSW)	30	54.76	66.80	63.85	52.33	41.61	37.04	34.53	30.49	29.06	28.33	PN ₂ (t)	
Segment Time (Min)	5	149.89	127.98	106.72	86.03	77.64	76.17	73.50	72.01	71.23	70.58	Nxt Seg Ms	
Inspired O ₂ Fraction	0.5	79.60	71.94	64.49	57.25	54.32	53.80	52.87	52.35	52.07	51.85	Safety Ms	
Calculated PN ₂	31.5	24.85	5.13	0.64	4.93	12.71	16.76	18.34	21.86	23.01	23.52	Buffer	
30.00													
Linear Transition Time	0.30	0.3											
Transition O ₂ Fraction	0.5	53.70	66.03	63.49	52.20	41.58	37.02	34.53	30.49	29.06	28.33	PN ₂ (t)	
Calculated Target PN ₂	26.5	25.90	5.91	1.01	5.05	12.74	16.78	18.34	21.86	23.01	23.52	Buffer	
Initial PN ₂ Inspired	31.5												
Target - Initial	-5												
Segment 4 Conditions													
Segment Depth (FSW)	20	26.50	26.97	30.53	34.98	35.16	33.77	32.58	29.97	28.83	28.20	PN ₂ (t)	
Segment Time (Min)	64	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	0.5	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	26.5	26.66	20.58	11.72	2.25	(0.03)	0.92	1.23	3.46	4.43	4.88	Buffer	
20.00													
Linear Transition Time	0.70	0.7											
Transition O ₂ Fraction	0.5	25.98	26.69	30.30	34.82	35.08	33.72	32.55	29.96	28.82	28.20	PN ₂ (t)	
Calculated Target PN ₂	16.5	27.18	20.86	11.94	2.41	0.05	0.97	1.27	3.48	4.43	4.88	Buffer	
Initial PN ₂ Inspired	26.5												
Target - Initial	-10												
Segment 5 Conditions													
Segment Depth (FSW)	0	25.98	26.69	30.30	34.82	35.08	33.72	32.55	29.96	28.82	28.20	PN ₂ (t)	

Nitrox 2 Stop

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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 (20-100)	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	4.00	5.5	66.14	46.36	35.91	30.83	28.40	27.61	27.22	26.64	26.45	26.35	PN ₂ (t)
Transition O ₂ Fraction	0.21												
Calculated Target PN ₂	156.42	482.96	418.97	353.92	287.52	262.07	259.05	255.38	251.02	248.18	246.51	Nxt Seg Ms	
Initial PN ₂ Inspired	26.07	270.44	248.04	225.27	202.03	193.12	192.07	190.78	189.26	188.26	187.68	Safety Ms	
Target - Initial	130.35	204.29	201.68	189.36	171.20	164.73	164.46	163.57	162.62	161.81	161.32	Buffer	
Segment 1 Conditions													
Segment Depth (FSW)	165	126.64	93.21	65.09	47.09	36.97	33.42	31.62	28.87	27.94	27.48	PN ₂ (t)	
Segment Time (Min)	8	241.67	208.18	174.86	141.57	128.48	126.59	123.65	121.37	120.02	119.09	Nxt Seg Ms	
Inspired O ₂ Fraction	0.21	132.21	120.49	108.83	97.18	92.60	91.93	90.91	90.11	89.63	89.31	Safety Ms	
Calculated PN ₂	156.42	5.57	27.28	43.73	50.09	55.63	58.51	59.29	61.24	61.69	61.83	Buffer	
165.00													
Linear Transition Time	3.50	3.5											
Transition O ₂ Fraction	0.21	115.58	95.57	70.08	50.89	39.25	35.03	32.86	29.52	28.38	27.81	PN ₂ (t)	
Calculated Target PN ₂	73.47	16.63	24.92	38.74	46.29	53.35	56.90	58.05	60.59	61.25	61.50	Buffer	
Initial PN ₂ Inspired	156.42												
Target - Initial	-82.95												
Segment 2 Conditions													
Segment Depth (FSW)	60	84.00	84.52	71.07	54.48	42.09	37.19	34.58	30.46	29.03	28.30	PN ₂ (t)	
Segment Time (Min)	10	172.82	148.02	123.75	99.91	90.35	88.77	86.04	84.35	83.42	82.71	Nxt Seg Ms	
Inspired O ₂ Fraction	0.21	92.75	84.07	75.58	67.23	63.89	63.33	62.38	61.79	61.46	61.21	Safety Ms	
Calculated PN ₂	73.47	8.75	(0.45)	4.50	12.75	21.80	26.14	27.80	31.33	32.44	32.91	Buffer	
60.00													
Linear Transition Time	1.00	1.0											
Transition O ₂ Fraction	0.5	78.01	81.43	69.97	54.21	42.06	37.20	34.60	30.48	29.04	28.31	PN ₂ (t)	
Calculated Target PN ₂	31.5	14.74	2.64	5.61	13.02	21.83	26.13	27.78	31.31	32.42	32.90	Buffer	
Initial PN ₂ Inspired	46.5												
Target - Initial	-15												
Segment 3 Conditions													
Segment Depth (FSW)	30	54.76	66.80	63.85	52.33	41.61	37.04	34.53	30.49	29.06	28.33	PN ₂ (t)	
Segment Time (Min)	5	149.89	127.98	106.72	86.03	77.64	76.17	73.50	72.01	71.23	70.58	Nxt Seg Ms	
Inspired O ₂ Fraction	0.5	79.60	71.94	64.49	57.25	54.32	53.80	52.87	52.35	52.07	51.85	Safety Ms	
Calculated PN ₂	31.5	24.85	5.13	0.64	4.93	12.71	16.76	18.34	21.86	23.01	23.52	Buffer	
30.00													
Linear Transition Time	0.30	0.3											
Transition O ₂ Fraction	0.5	53.70	66.03	63.49	52.20	41.58	37.02	34.53	30.49	29.06	28.33	PN ₂ (t)	
Calculated Target PN ₂	26.5	25.90	5.91	1.01	5.05	12.74	16.78	18.34	21.86	23.01	23.52	Buffer	
Initial PN ₂ Inspired	31.5												
Target - Initial	-5												
Segment 4 Conditions													
Segment Depth (FSW)	20	31.65	43.70	50.90	47.38	40.09	36.32	34.12	30.38	29.01	28.30	PN ₂ (t)	
Segment Time (Min)	12	126.90	107.90	89.66	72.12	64.92	63.55	60.96	59.66	59.02	58.45	Nxt Seg Ms	
Inspired O ₂ Fraction	0.5	66.44	59.79	53.40	47.26	44.74	44.26	43.36	42.90	42.68	42.48	Safety Ms	
Calculated PN ₂	26.5	34.78	16.08	2.50	(0.11)	4.65	7.95	9.24	12.52	13.67	14.17	Buffer	
20.00													
Linear Transition Time	0.30	0.3											
Transition O ₂ Fraction	0.5	31.34	43.30	50.62	47.26	40.05	36.30	34.11	30.38	29.01	28.30	PN ₂ (t)	
Calculated Target PN ₂	21.5	35.10	16.49	2.78	0.01	4.69	7.97	9.25	12.52	13.67	14.18	Buffer	
Initial PN ₂ Inspired	26.5												
Target - Initial	-5												
Segment 5 Conditions													
Segment Depth (FSW)	10	21.57	23.30	29.86	35.30	35.08	33.52	32.29	29.71	28.63	28.04	PN ₂ (t)	

Nitrox 3 Stop

[illegible]