

**PaO<sub>2</sub>/FiO<sub>2</sub> Ratio**

**PaO<sub>2</sub>/FiO<sub>2</sub> Ratio Table**

This table is for your convenience.

		F <sub>i</sub> O <sub>2</sub>														
		0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00		
<b>P<sub>a</sub>O<sub>2</sub> mmHg</b>	<b>54</b>	135	120	108	98	90	83	77	72	68	64	60	57	54		
	<b>56</b>	140	124	112	102	93	86	80	75	70	66	62	59	56		
	<b>58</b>	145	129	116	105	97	89	83	77	73	68	64	61	58		
	<b>60</b>	150	133	120	109	100	92	86	80	75	71	67	63	60		
	<b>62</b>	155	138	124	113	103	95	89	83	78	73	69	65	62		
	<b>64</b>	160	142	128	116	107	98	91	85	80	75	71	67	64		
	<b>66</b>	165	147	132	120	110	102	94	88	83	78	73	69	66		
	<b>68</b>	170	151	136	124	113	105	97	91	85	80	76	72	68		
	<b>70</b>	175	156	140	127	117	108	100	93	88	82	78	74	70		
	<b>72</b>	180	160	144	131	120	111	103	96	90	85	80	76	72		
	<b>74</b>	185	164	148	135	123	114	106	99	93	87	82	78	74		
	<b>76</b>	190	169	152	138	127	117	109	101	95	89	84	80	76		
	<b>78</b>	195	173	156	142	130	120	111	104	98	92	87	82	78		
	<b>80</b>	200	178	160	145	133	123	114	107	100	94	89	84	80		
	<b>82</b>	205	182	164	149	137	126	117	109	103	96	91	86	82		
	<b>84</b>	210	187	168	153	140	129	120	112	105	99	93	88	84		
	<b>86</b>	215	191	172	156	143	132	123	115	108	101	96	91	86		
	<b>88</b>	220	196	176	160	147	135	126	117	110	104	98	93	88		
	<b>90</b>	225	200	180	164	150	138	129	120	113	106	100	95	90		
	<b>92</b>	230	204	184	167	153	142	131	123	115	108	102	97	92		
<b>94</b>	235	209	188	171	157	145	134	125	118	111	104	99	94			
<b>96</b>	240	213	192	175	160	148	137	128	120	113	107	101	96			
<b>98</b>	245	218	196	178	163	151	140	131	123	115	109	103	98			
<b>100</b>	250	222	200	182	167	154	143	133	125	118	111	105	100			
<b>102</b>	255	227	204	185	170	157	146	136	128	120	113	107	102			
<b>104</b>	260	231	208	189	173	160	149	139	130	122	116	109	104			

If your patient's PaO<sub>2</sub> or FiO<sub>2</sub> value is not on the table, simply use this equation:

$\text{PaO}_2/\text{FiO}_2 \text{ Ratio} = \frac{\text{PaO}_2}{\text{FiO}_2}$
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The lowest PaO<sub>2</sub>/FiO<sub>2</sub> Ratio is to be used in the SOFA Score CRF.

*Example:*

Of a patient's 2 readings in one day:

- 1) PaO<sub>2</sub> is 88 and FiO<sub>2</sub> is 0.85, the ratio is 104.
  - 2) PaO<sub>2</sub> is 68 and FiO<sub>2</sub> is 0.55, the ratio is 124.
- The PF ratio of 104 is the lowest.