

On pages 2 and 3 are six CDS dosing charts, for the most common nebulizer cup sizes. Note that these charts are not protocols; you will have to decide on the CDS concentration you want to nebulize and for how long.

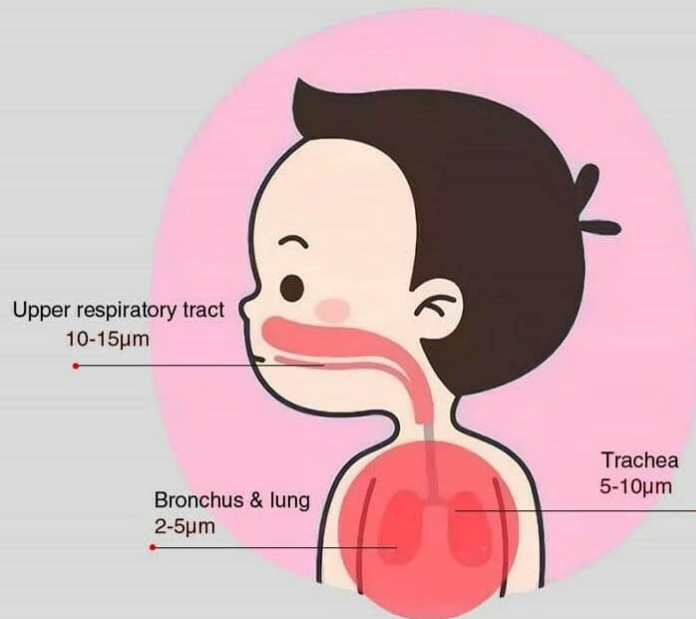
The maximum these charts show is 50ppm, which may be the highest you will want to use. As always, start with low dosing and slowly increase as needed. Wait one day before increasing the dose.

Note that for effective nebulizing for lungs, you will need a nebulizer the produces very small water droplets, 2 $\mu$ m to 5 $\mu$ m (micrometers).

Many of the hand-held nebulizers won't do that, so a larger and more expensive nebulizer may be needed.

### Spray Absorbs Easily

Cold laser technology is used to punch , atomized hole about 1-3  $\mu$ m



Nebulizing with the portable PARI Trek-S



Here are 6 sets of charts, one each for 5ml to 10ml of nebulizer cup capacities.  
 The reason for so many numbers is that the calculations have been done, so you don't have to. :)

CDS Nebulizing Dilutions

Instructions on page two

**You must FIRST dilute 3000ppm CDS to 100ppm to use these charts!!!**

**Here is an example:** your nebulizer holds 5 ml of solution or you want to make 5ml of diluted CDS. Look in the 5ml chart below. If you want 10ppm CDS you would add one half ml (0.5) of 100ppm CDS to 4.5ml water.

Make 120 ml of 100 ppm CDS from 3000 ppm CDS by adding 4 ml of 3000 ppm CDS to 116 ml (grams) of dilution water/saline.

Choose a volume (5ml to 10ml) and ppm you want to make, then select the volume of 100ppm CDS & water/saline needed. ↓ ↓

Diluted CDS volume ml ▶	5	5	5	5	5	5
Diluted CDS CLO2 ppm ▶	0.5	1	5	10	15	20
100 ppm CDS volume ml ▶	0.025	0.05	0.25	0.5	0.75	1
Dilution water volume ml ▶	4.975	4.95	4.75	4.5	4.25	4

Diluted CDS volume ml ▶	5	5	5	5	5	5
Diluted CDS CLO2 ppm ▶	25	30	35	40	45	50
100 ppm CDS volume ml ▶	1.25	1.5	1.75	2	2.25	2.5
Dilution water volume ml ▶	3.75	3.5	3.25	3	2.75	2.5

Diluted CDS volume ml ▶	6	6	6	6	6	6
Diluted CDS CLO2 ppm ▶	0.5	1	5	10	15	20
100 ppm CDS volume ml ▶	0.03	0.06	0.3	0.6	0.9	1.2
Dilution water volume ml ▶	5.97	5.94	5.7	5.4	5.1	4.8

Diluted CDS volume ml ▶	6	6	6	6	6	6
Diluted CDS CLO2 ppm ▶	25	30	35	40	45	50
100 ppm CDS volume ml ▶	1.5	1.8	2.1	2.4	2.7	3
Dilution water volume ml ▶	4.5	4.2	3.9	3.6	3.3	3

Diluted CDS volume ml ▶	7	7	7	7	7	7
Diluted CDS CLO2 ppm ▶	0.5	1	5	10	15	20
100 ppm CDS volume ml ▶	0.035	0.07	0.35	0.7	1.05	1.4
Dilution water volume ml ▶	6.96	6.93	6.65	6.3	5.95	5.6

Diluted CDS volume ml ▶	7	7	7	7	7	7
Diluted CDS CLO2 ppm ▶	25	30	35	40	45	50
100 ppm CDS volume ml ▶	1.75	2.1	2.45	2.8	3.15	3.5
Dilution water volume ml ▶	5.25	4.9	4.55	4.2	3.85	3.5

Diluted CDS volume ml ▶	8	8	8	8	8	8
Diluted CDS CLO2 ppm ▶	0.5	1	5	10	15	20
100 ppm CDS volume ml ▶	0.04	0.08	0.4	0.8	1.2	1.6
Dilution water volume ml ▶	7.96	7.92	7.6	7.2	6.8	6.4

Diluted CDS volume ml ▶	8	8	8	8	8	8
Diluted CDS CLO2 ppm ▶	25	30	35	40	45	50
100 ppm CDS volume ml ▶	2	2.4	2.8	3.2	3.6	4
Dilution water volume ml ▶	6	5.6	5.2	4.8	4.4	4

Diluted CDS volume ml ▶	9	9	9	9	9	9
Diluted CDS CLO2 ppm ▶	0.5	1	5	10	15	20
100 ppm CDS volume ml ▶	0.045	0.09	0.45	0.9	1.35	1.8
Dilution water volume ml ▶	8.95	8.91	8.55	8.1	7.65	7.2

Diluted CDS volume ml ▶	9	9	9	9	9	9
Diluted CDS CLO2 ppm ▶	25	30	35	40	45	50
100 ppm CDS volume ml ▶	2.25	2.7	3.15	3.6	4.05	4.5
Dilution water volume ml ▶	6.75	6.3	5.85	5.4	4.95	4.5

Diluted CDS volume ml ▶	10	10	10	10	10	10
Diluted CDS CLO2 ppm ▶	0.5	1	5	10	15	20
100 ppm CDS volume ml ▶	0.05	0.1	0.5	1	1.5	2
Dilution water volume ml ▶	9.95	9.9	9.5	9	8.5	8

Diluted CDS volume ml ▶	10	10	10	10	10	10
Diluted CDS CLO2 ppm ▶	25	30	35	40	45	50
100 ppm CDS volume ml ▶	2.5	3	3.5	4	4.5	5
Dilution water volume ml ▶	7.5	7	6.5	6	5.5	5

NOTE: This chart lists values to dilute 100ppm CDS to lower CDS CLO2 concentrations.  
 The chart is NOT a protocol. 15Jan'22 CL

**Instructions**

Nebulizer cup sizes can vary between 5ml and 10ml of solution capacity. Here in this PDF file there are dosing amounts you can choose from.

There are six charts, one for each cup size, 5ml to 10ml capacity.

**First**, determine how much solution you want to make and find that chart, then the CLO2 concentration (ppm) you want in that chart.

The amount of 100ppm CDS and dilution water / saline needed are listed.

See the example at the top of page two.

