



Concentrator Talk - February 24, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	One of the nurses at the hospital I am working at was complaining that one of the oxygen concentrators at the Covid ward was vigorously vibrating. When I went to the ward, I did a purity test and the purity was above 90% and other tests were also ok. What can be the cause of the vibrations?	Link
3	I am working on a Longfian Jay 5 oxygen concentrator. I serviced the compressor and fixed existing leaks. The purity improved from 36% to 72%. I have enough zeolite to fit into one sieve bed, will the purity improve if I only fill one sieve bed?	Link
4	When I was carrying out a preventive maintenance in the children's ward, I came across this oxygen concentrator which was working perfectly, the oxygen purity that this concentrator was producing was within the recommended range but the Light Emitting Diode (LED) for low purity was illuminating, any idea why the LED was illuminating?	Link
5	I am a recent graduate and I have been employed by a certain private hospital as an electrician. Since the hospital does not have a trained biomedical technician, I will be in charge of most medical equipment including oxygen concentrators. I wanted to know if there are any limitations to an oxygen concentrator in terms of performance.	Link
6	I am a technician for a certain mission hospital that is yet to be opened and we would like to purchase equipment for oxygen therapy. The clinicians prefer using oxygen cylinders compared to oxygen concentrators. Is there any difference between purchasing oxygen cylinders and oxygen concentrators? Which of the two would you recommend us to buy?	Link
7	I am working on an Airsep Newlife elite oxygen concentrator and I want to service the compressor but I do not have spare cylinder sleeves to replace the worn out sleeves. Can I reuse the worn out cylinder sleeves?	Link
8	How to combine two oxygen concentrators using "Tee" connectors to achieve high flow for a non-rebreather mask	Link
9	During routine maintenance of a Longfian Jay-5 concentrator I noted that the copper pipe found on the cooler section was partially cut off just near one of the fins. Is there a simpler way to solve this problem than soldering with a copper rod?	Link