

Now, pulmonary atelectasis, means a collapse of the little air sacs inside the lungs, and this was predicted, particularly as you got a g-load following the use of the 100 percent oxygen within our environment, but we have seen none resulting from our missions.

We have had some high heart rates, and we will talk about those.

We have had no arrhythmias, no abnormal rhythms of the heart.

We have seen no high blood pressure, no low blood pressure, with the exception of the postflight findings, which we are going to talk about.

We have had no actual fainting in the postflight situation.

We have had some changes. If you stimulate, try and ask the system to respond to a given stress by using a tilt table, and we will look at that in a moment.

We have not seen any delay in the reaction of the heart muscularly to an electrical stimulus.

This is one of the things that the Russians have repeatedly reported, which we have not seen.

There has been no reduced heart and blood vessel response to exercise.

Here, we have noted there has been an increase in white blood cell count postflight that has lasted for about 24 hours. We feel that this is a stress response.

We have had some changes in blood volume, which we are going to talk about, and some changes in plasma volume, this being moderate, and this just minimal.

We had not predicted a decrease in the red cells, we have seen this, and will talk about that more in a moment.

We have seen some very minimal dehydration.

Now, we have had some variable weight loss, some minimal calcium loss, and we have had some varying caloric intake. There has been no particular loss of appetite that could consider to be pathological in any sense.

We have had no nausea, no kidney stones, no urinary problems of any sort, no muscular problems.

We have had some reduced exercise capacity postflight, which could probably have been predicted in retrospect, as we think back about it, it could have been.

We have had none of the mental aberrations that had been predicted. People talked about isolation producing all sorts of things, being cut off from the Earth you were going to hallucinate, you were going to have space euphoria, some impaired psychomotor performance—none of these occurred.

We have never used sedatives in flight.

We have used some stimulants on occasion.

We have had no infectious disease develop in flight, and we have had some very minimal fatigue.

Now, I think the thing that is interesting here, is if you add up all of the nuns, and we could put all the nuns on one side and all the priests on the other side, I think you would find out that we have a lot more nuns than we do priests, and, therefore, this shows that things have ended up considerably different than was predicted, and