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GEMINI IV UMBILICAL EVA

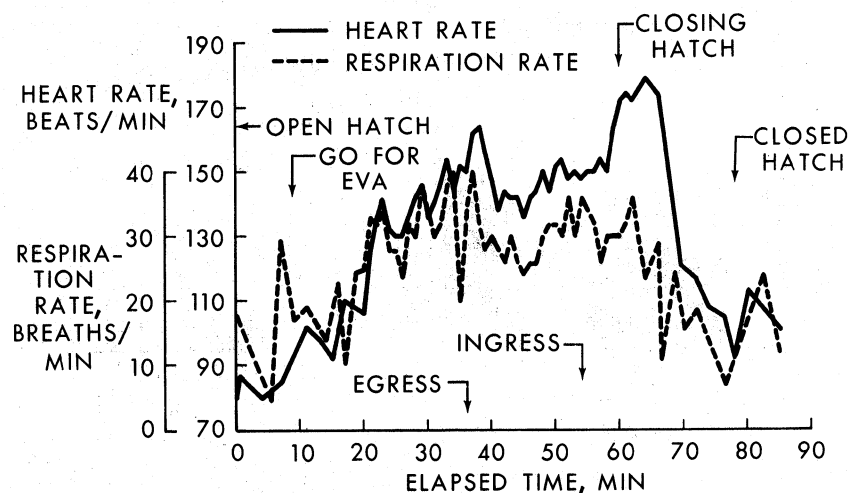


FIGURE 28

You see, they almost track.

You will see that he got a heart rate up here in the early part of the EVA at about 140, 150, 160, and then he is running along here around in the 150 area, and, then, at the closing of the hatch he got his heart rate up in the 180's, but that was when he was working very hard closing the hatch.

Now, knowing his condition he had no trouble with this EVA at all. It was a lot of fun actually, doing the activities out there, and, as has been told by Buzz, he didn't have any particular tasks where he had to stay in one place, but we were concerned about the magnitude of these heart rates. Was it going to signify that we were going to have rates of 180 with work for any sustained period of time.

The next experience we had was on Gemini IX, and you have heard what the activities were, and, again, you can see (fig. 29), we had some heart rates here that climbed up to the 160 area at the opening of the hatch. They varied along here, they got down as low as 110 here for one period during the time—he is back here at the adaptor, and, remember, he was going to put on the AMU. He did that, and you notice when he is on the AMU we do not have any data for that one brief period.

Now, here, he had some fogging of the visor, and so, you know, that he never did go ahead and use the AMU, he came back into the spacecraft, and you can see that all those heart rates ranged along here—here is the 180 mark, and you can see that he had 180 here, and 180 over here in closing the hatch again.

Now, we then went to an experience with Gemini X (fig. 30), and you have heard what that mission involved, and Mike Collins, had a