Mr. Wilson

Load Mr. Wilson (Mr Wilson.ICS) using the **File | Load Initial Conditions** main menu selection.

Is Mr. Wilson OK? Actually, the thumbnail sketch on the  Charts panel suggests that he is not OK. It indicates that he is having a seizure and this is verified by the neurological signs workup.

To get a rough idea of Mr. Wilson’s condition, advance the solution in 5 minute intervals for a total 10 minutes, collecting data at the start and at the end of each interval. Check Mr. Wilson’s blood pressure, heart rate, temperature and respiration using the Monitor  panel.

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | 12:00 | 12:05 | 12:10 |
| Systolic Blood Pressure (mmHg) | 139 | 228 | 209 |
| Diastolic Blood Pressure (mmHg) | 97 | 192 | 177 |
| Heart Rate (/Min) | 85 | 129 | 125 |
| Temperature  (deg F) | 98.5 | 98.3 | 98.1 |
| Respiration Rate  (/Min) | 12 | 12 | 11 |

Which values are outside of the normal range? What does this data set, in total, suggest.

Click main menu selection Restart to restart the solution.

Attend to Mr. Wilson. Be prepared to discuss the following points.

1. What is the matter with Mr. Wilson?
2. What interventions are possible? Which do you recommend? Can you describe a beneficial course of action?
3. What physiological and pathophysiological mechanisms are causing Mr. Wilson’s condition?
4. Specifically, what are the neurological, endocrine, and metabolic components of Mr. Wilson’s condition?