

**Note from Dr. Tisman re "Circulating Tumor Cell Biomark" paper.**

The title of this paper may scare patients implying that it is too scientific to comprehend. However, the paper describes readily available blood testing (one 10cc routine blood draw) that will answer the question "How bad is my castrate resistant prostate cancer, how much time do I have?" There are several labs that can test for circulation tumor cells and measurement of blood LDH is a routine lab test.

As can be seen in the two charts of survival, independent of therapy administered, the numbers of circulating tumor cells and the serum level of the LDH enzyme predict a patient's survival. Some may want to know this information while others may wish to ignore it.