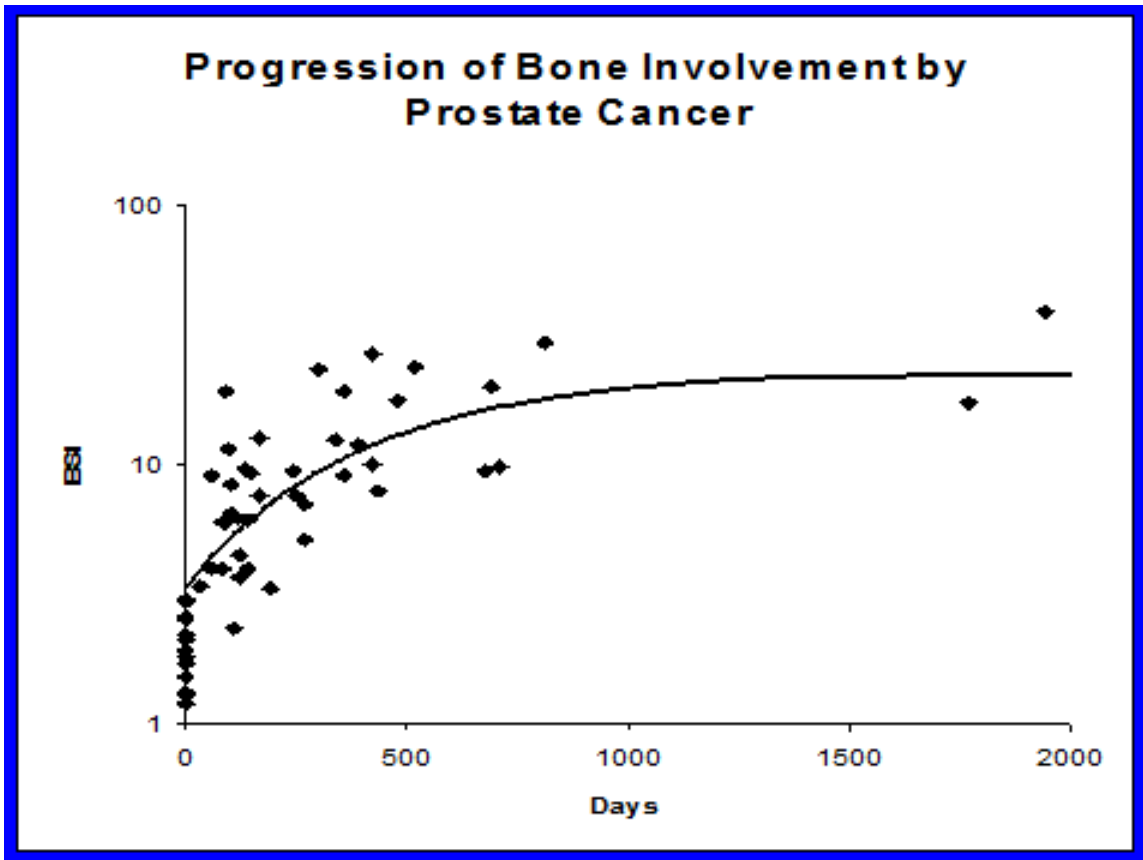


**SUPPLEMENTAL FIGURE 1.** Development of metastatic disease over a 4-month period, from April to August 1999. The development of metastases was characterized by rapid progression, especially from April to June. Treatment with a docetaxel regimen resulted in stabilization and decrease in uptake.



**SUPPLEMENTAL FIGURE 2.** The increase of BSI in bone follows the Gompertzian equation, namely an exponentially decreasing exponential increase, and is most rapid at the beginning of the metastatic process. If we take a point in time at 3.3% (origin), the doubling time is about 43 d.

**SUPPLEMENTAL FIGURE 3.** The distribution of early metastases of prostate cancer (white circles) falls within the known adult distribution of active bone marrow (red area).