

1 What does this show, Doctor?

2 A These are higher magnification. And by
3 higher magnification I would say this would probably
4 be, on the screen, at about oh, probably 2 or 3,000
5 times magnification.

6 On my microscope it would be about 600
7 magnification. These are all of the individual cancer
8 cells, and I will try to point out an individual
9 cell. Here would be an individual right here, another
10 one right there.

11 The blue area right here, the blue-gray
12 area, that is the nucleus of the cell where the DNA
13 is, and that controls what the cell does.

14 The pinker material here is the cytoplasm
15 where the various organs are which tells the nucleus
16 what to do that make proteins, whatever.

17 These are all cancer cells. And cancer
18 cells have bad characteristics in that they grow
19 uncontrollably and they invade normal tissues and
20 spread from where they begin to other parts of the
21 body. And that process is called metastasis.