Source:

- 1 | the problem
- 1.1 | rapidly dividing cancer cells are resource intensive tissues
- 1.2 they evolved to induce blood vessels within them
- 2 | complexities
- 2.1 | increased vessel volume means you need to balance with creation of new blood cells
- 3 | why not all cancers
- 3.1 | if some cancers reproduce slowly enough, then their cells may be able to get enough nutrients through diffusion
- 3.2 | angiogenic switch
- 3.2.1 when a tumor gets big/hungry enough to need blood
- 4 | how it happens
- 4.1 | cells in the center of a mass start to starve of nutrients and oxygen
- 4.2 creates a reigon of hypoxia (lack of oxygen)
- 4.3 | surrounding cells begin recruiting blood vessels
- 4.4 if the blood vessel is close enough, then the tumor may keep spreading
- 4.5 | if the bloob vessel is too far or too slow, then the cells may start dying and the cancer may go away

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