Which Scans are useful to detect cancer and tumors?

When you want to know the level of active diseased cells and tumor activity, you need a PET/CT scan, and not a simple CT or MRI scan. When diseased tumor cells die, they may still show up on CT & MRI scans with no indication that they are dead. However, PET scans indicate whether diseased and tumor cells are dead or alive and whether cells are actively dividing and growing.