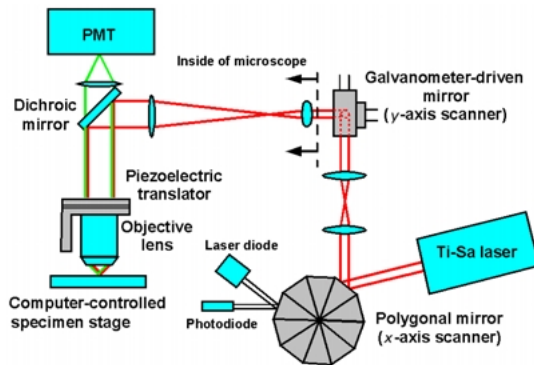


**FIGURE 20-1** The effect of a confocal pinhole aperture on photon-collection efficiency in the presence of a strongly scattering specimen. (a) In the two-photon case, there is no pinhole and the large detector collects both deflected and undeflected photons. (b) In the confocal case, the deflected photons are blocked by the pinhole.



**FIGURE 20-4** The schematics of a video-rate two-photon microscope based on a polygonal scanner.