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Nuclear Medicine

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| **Across****4.** Particulate form of ionizing radiation consisting of a helium nucleus**8.** time required for disintegration of half of the original activity of a radioactive nuclide**9.** unit of radioactivity in SI**10.** deposition of radioactive material in any place where its presence is not desired | **Down****1.** ionizing radiation with characteristics of an electron **2.** imaging system that uses one to three gamma detectors to produce tomographic images **3.** type of atom whose nucleus disintegrates spontaneously**5.** device use to confine the elements of a beam within an assigned solid angle**6.** nuclides of the same element that have different atomic mass but the same number of protons **7.** Process by which radiation is reduced in intensity |