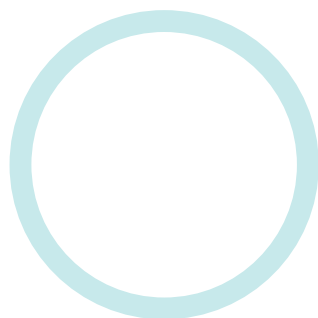
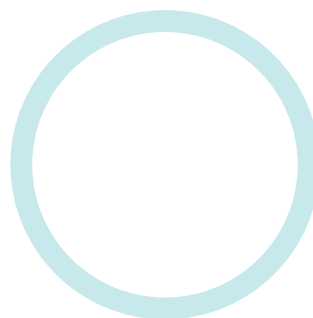


X-RAYS



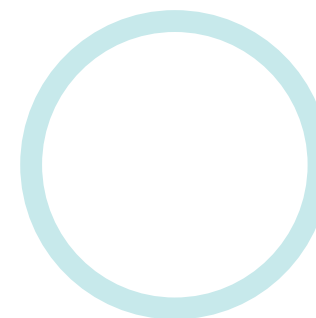
Ytterbium-169 is used as a radiation source in some portable X-ray machines that don't need electricity.

ATOMIC CLOCKS



Ytterbium is found in the most stable atomic clocks, accurate to one second in the age of the universe.

MEDICINE



Ytterbium-169 complexes are used in nuclear medicine to study the brain's cerebrospinal fluid.