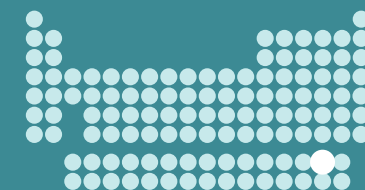
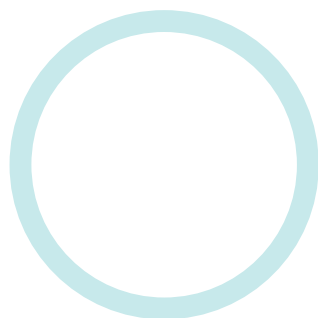


# #70

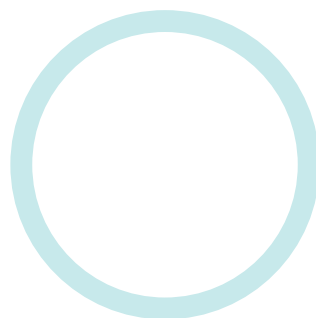


## X-RAYS



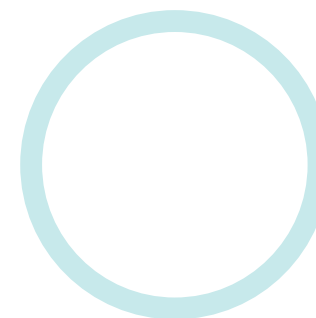
Ytterbium-169 is used as a radiation source in some portable X-ray machines that don't need electricity.

## 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.

