- He and Gustav Gartner, a laboratory associate, observed its anesthetic effect on the eyes of a frog, a rabbit, and a dog before they dropped the solution onto their own corneas. To their amazement, their eyes were insensitive to the touch of a pin.
- 1884 William Halsted used cocaine for intradermal infiltration and nerve blocks (including blocks of the facial nerve, brachial plexus, pudendal nerve, and posterior tibial nerve).
- The term "spinal anesthesia" was coined in 1885 by Leonard Corning, a neurologist

