



August Bier

- August Bier is credited with administering the first spinal anesthetic in 1898. He was also the first to describe intravenous regional anesthesia (Bier block) in 1908.
- Bier injected procaine into a vein of the upper limb between two tourniquets.
- was reintroduced 55 years after its first use by Mackinnon Holmes, who modified the technique by exsanguination before applying a single proximal cuff.