

# Jean Guillaume Auguste Lugol

**Jean Guillaume Auguste Lugol** (18 August 1786 – 16 September 1851) was a French physician.

Lugol was born in Montauban. He studied medicine in Paris and graduated MD in 1812. In 1819 he was appointed acting physician at the Hôpital Saint-Louis a post he held until he retired. After his death in 1851 at Neuilly-sur-Seine, his daughter Adele-Augustine, married Paul Broca.

Lugol was interested in tuberculosis and presented a paper to the Royal Academy of Science in Paris in which he advocated the use of fresh air, exercise, cold bathing and drugs. He also published four books on scrofulous diseases and their treatment (1829, 1830, 1831, 1834).<sup>[1][2][3][4][5]</sup> Members of the Royal Academy visited Lugol's hospital and, observing an improvement in his patients over the course of sixteen months, endorsed his treatment.<sup>[6]</sup>



Jean Guillaume Auguste Lugol

He suggested that his iodine solution could be used to treat tuberculosis. This assertion attracted much attention at the time.

Although not efficacious in treating tuberculosis,<sup>[7]</sup> Lugol's iodine was successfully used to treat thyrotoxicosis by Plummer.<sup>[8]</sup>

Lugol's iodine solution is also used in Schiller's test in order to diagnose cervical cancer.

## References

- Mémoire sur l'emploi de l'iode dans les maladies scrofuleuses* (<https://books.google.com/books?id=51UOAAAQAAJ>) (1829) (in French)
- Mémoire sur l'emploi des bains iodurés dans les maladies scrofuleuses* (<https://books.google.com/books?id=81UOAAAQAAJ>) (1830) (in French)
- Essays on the Effects of Iodine in Scrofulous Diseases* (<https://books.google.com/books?id=XgUAAAQAAJ>) (1831)
- Troisième mémoire sur l'emploi de l'iode dans les maladies scrofuleuses* (<https://books.google.com/books?id=BFYOAAAQAAJ>) (1831) (in French)
- Researches and observations on the causes of scrofulous diseases* (<https://books.google.com/books?id=cpEXAQAAMAAJ>) (1842)
- Michael Ryan, M.D. editor (1833) "Report addressed to the Royal Academy of Science, on a Memoir by M. Lugol, on the Use of Iodine in Scrofulous Diseases" (<https://books.google.com/books?id=DekEAAAQAAJ&pg=PA206>), *The London Medical and Surgical Journal*
- Lydia M. DeWitt (1916) "The Present Status of Tuberculosis Chemotherapy" (<https://books.google.com/books?id=DsNBAQAAMAAJ&pg=PA30>), *Studies from the Otho S.A. Sprague Memorial Institute*, Chicago
- Horace Willard Davenport (1993) *University of Michigan Surgeons, 1850-1970: Who They Were and what They Did* (<https://books.google.com/books?id=EFRqAAAAMAAJ>), UM Libraries OCLC 30419800 (<https://www.worldcat.org/oclc/30419800>)

## Sources

---

- B.G. Firkin & J.A. Whitworth (1987). *Dictionary of Medical Eponyms*. Parthenon Publishing. ISBN 1-85070-333-7
- 

Retrieved from "[https://en.wikipedia.org/w/index.php?title=Jean\\_Guillaume\\_Auguste\\_Lugol&oldid=1002817924](https://en.wikipedia.org/w/index.php?title=Jean_Guillaume_Auguste_Lugol&oldid=1002817924)"

---

**This page was last edited on 26 January 2021, at 05:05 (UTC).**

Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.