

# Pneumaturia

## Pneumaturia

This is gas in the urine. Patients typically describe frothy urine, bubbles in the urine or a stream that intermittently stops and starts. The commonest cause is an underlying colovesical fistula, usually due to primary pathology in the rectum or sigmoid colon. Giovanni Battista Morgagni , 1682–1771, Professor of Anatomy , University of Padua, Italy . Christian Johann Doppler , 1803–1853, Professor of Experimental Physics, Vienna, Austria, enunciated the ‘Doppler principle’ in 1842. Harry Fitch Klinefelter , 1912–1990, American rheumatologist and endocrinologist, first described Klinefelter’s syndrome in 1942. White urine is a complaint seen in two distinct conditions. One is in young men who may report the presence of a white substance in urine. This substance is usually semen and requires no treatment other than reassurance. The second condition is chyluria where lymphatic fluid, from channels obstructed by filarial inflammation, leaks into the renal pelvicalyceal system. This condition requires investigation for confirmation of the diagnosis.

---

Revision #1

Created 2025-12-31 15:29:33 UTC by Omar Ayman

Updated 2025-12-31 15:29:33 UTC by Omar Ayman