

B. cenocepacia overrepresented in urologic chronic pelvic pain

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(HealthDay)—*Burkholderia cenocepacia* is overrepresented in initial stream urine of men with urologic chronic pelvic pain syndrome, according to a study published in the July issue of *The Journal of Urology*.

J. Curtis Nickel, M.D., from Queen's University in Kingston, Canada, and colleagues examined microbial etiology in men with urologic [chronic pelvic pain](#). Urine specimens were provided by 110 participants with urologic chronic [pelvic pain](#) syndromes and 115 controls. To provide comprehensive identification of bacterial and select fungal species, specimens were analyzed with Ibis T-5000 Universal Biosensor technology.

The researchers detected 78, 73, and 54 species (42, 39, and 27 genera) in initial, midstream, and post-prostatic massage urine specimens, respectively. Per-person, the mean initial, midstream, and post-prostatic massage urine species count was 1.62, 1.38 and 1.33 for cases and 1.75, 1.23, and 1.56 for controls, respectively. In the initial stream urine there was a significant difference in the overall species and genus composition between patients with urologic [chronic pelvic pain syndrome](#) and controls ($P = 0.002$ species level; $P = 0.004$ genus level). In urologic chronic pelvic [pain syndrome](#), *Burkholderia cenocepacia* was overrepresented.

"Assessment of baseline culture-independent microbiological data from male subjects enrolled in the MAPP [Multidisciplinary Approach to the Study of Pelvic Pain] Network has identified overrepresentation of *Burkholderia cenocepacia* in urologic chronic pelvic pain syndrome," the authors write.

Several authors disclosed financial ties to the pharmaceutical and biotechnology industries.

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