

Aklavik *H. pylori* Project Summary 2008  
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The Aklavik *H. pylori* Project has been conducted with guidance from the Aklavik Health Committee. Since November 2007, 368 participants have enrolled, 339 completed a clinical survey, 313 had a breath test for *H. pylori* infection and 58% of those tested were positive. In February 2008, 194 completed a scope test and had stomach biopsies taken. The doctors who did the scope tests observed that 3% had stomach ulcers, 14% had inflammation in the stomach and 10% had inflammation in the esophagus. The pathologist who examined the biopsies observed that 67% had *H. pylori*, and among those with *H. pylori*, 43% had severe inflammation and 20% had damaged glands (atrophy). This level of severe inflammation of the stomach is much higher than that observed in Edmonton. The prevalence of *H. pylori* infection is higher among those who had a scope test because participants who had positive breath test results were more likely to have the scope test. Since April 2008, 167 participants and 94 households have completed epidemiology surveys. In November and December 2008, 111 participants with *H. pylori* infection enrolled in a treatment trial and 80 have had a breath test after treatment to see if the treatment worked.