

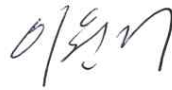
## Certification

This is to certify that the statistical analysis of the study title as “The influence of type of surgery clinicopathological factors on Long Term Prognosis of the patients with middle and distal Bile Duct Cancer” is properly done using the Kaplan-Meier method and log-rank test. The survival data of 133 patients was analyzed using Univariate and A multivariate analysis using Cox proportional hazard regression. These statistical analyzes were appropriate and apply the right way.

2013-10-02

Center of Biostatistics, Assistant Professor

Lee Won Kee

A handwritten signature in black ink, appearing to be 'W. Lee' or similar, written in a cursive style.