

Certificate of Biostatistics

April 06, 2020

To whom it may concern

Title of Study:

**Enhancement Parameters of Contrast-enhanced Computed Tomography for
Pancreatic Ductal Adenocarcinoma: Correlation with Pathologic Grading**

Chief Investigator: **Young Chul Kim, M.D.**

Department of Radiology, Hallym University Dongtan Sacred Heart Hospital,
Gyeonggi-do, Republic of Korea,

This letter is to confirm that the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries

Sincerely,

Sang Min Lee, M.D.

Department of Radiology, Hallym University Sacred Heart Hospital, Gyeonggi-do,
Republic of Korea

A handwritten signature in black ink that reads "Lee Sang Min". The signature is written in a cursive, flowing style.

E-mail: silverly1031@naver.com

Tel: 82-31-380-3895

Fax: 82-31-380-3878