

Summary of Project Outline

Date: 24 April, 2026 【Annex 1】

Practical Training-Based Implementation of Early Gastric Cancer Diagnosis and Treatment in Bhutan Using M-NBI and ESD

3-Year Project – Year 1

- 1. Objective of the Project:** The project aims to clinically implement, in Bhutan, a sustainable system for the diagnosis and treatment of early gastric cancer through practical training in systematic screening protocol for the stomach (SSS), magnifying narrow band imaging endoscopy (M-NBI), and endoscopic submucosal dissection (ESD).
- 2. Project Overview:** Oita University will serve as the central institution, collaborating with Osaka International Cancer Institute and Fukuoka University Chikushi Hospital, in partnership with the Bhutan Ministry of Health, KGUMSB (Khesar Gyalpo University of Medical Sciences of Bhutan), and JDWNRH (Jigme Dorji Wangchuck National Referral Hospital).
- 3. Expected Outcomes and Final Goals:** Train at least three independent specialists capable of performing ESD without supervision. Establish early gastric cancer detection and minimally invasive treatment services at three key medical centers in Bhutan. Develop standard clinical protocols and incorporate them into national guidelines. Create a replicable system that can expand from central hospitals to regional facilities. Implement the Train-the-Trainer (TTT) model to prepare local trainers and establish a self-sustaining education and case review system.

