

Project Name	<b>Public Health Economics and Value Assessment of Prevention in Pandemic – Lessons learned from COVID-19 and evidence based recommendations for future crisis</b>
Research period	from December, 2021 through November, 2024

### Principal Researcher

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### Research Summary

#### Background of the issues that led to the formulation of the research plan

The social impact of the COVID-19 pandemic is

It became widespread. As a result, the fear of a pandemic has astonished the world, but the exit remains unclear.

On the other hand, the biggest problem the world has experienced is the gap between science and policy, and WHO is no exception. In Japan as well, virus, public health, and respiratory clinical experts were invited to the government's expert meeting, but their academic advice remained within the classical framework such as epidemiological prediction models, and was considered to be effective medical care. It has not been able to provide insight into how to balance the economy. Also, economists invited to the government's subcommittee appear to be inconsistent with the value standards for "value-based medicine," and have not been able to propose policies to deepen economic knowledge in corona measures.

#### The purpose of the Project

With above our awareness of the issues, I would like to focus on the following three items as the purpose of this research.

1. Verification of the lessons of the corona pandemic
2. Pursuing a solution that "eliminates the value discrepancy and is based on that idea" for the medical and economic dilemma
3. Increase society's resistance to Wiz Corona and proceed with consideration for the upcoming "Pandemic X"

#### Specific activities

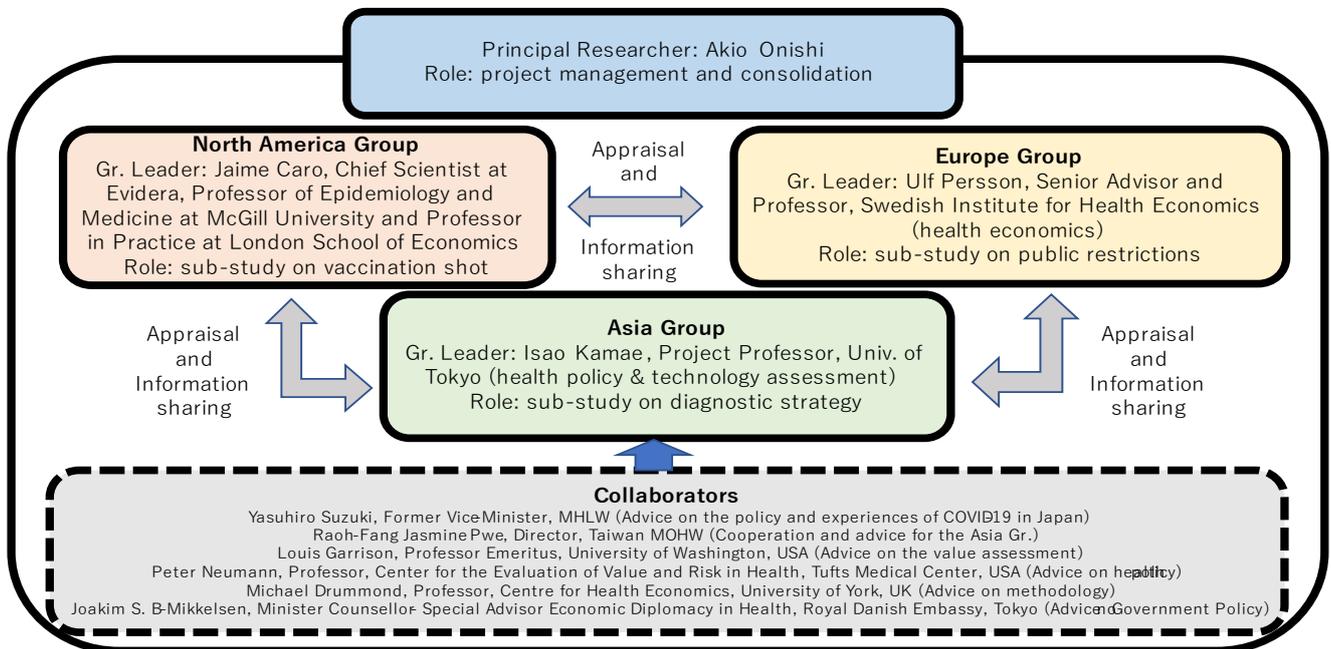
A team of ISPOR experts will be formed in Asia, North America, and Europe to conduct joint research.

#### Expected output of the project

We aim to compile policy proposals by compiling research results into symposiums and

literature so that we can respond based on scientific knowledge when the next pandemic occurs.

**Figure 1 . International Team Organization and Cooperation Approach**



**Table 1 and Figure 2 . Figure Research Items and Timeline**

Research Implementation Item	from December 2021 to March 2023	from April 2023 to March 2024	from April 2024 to November 2024
• Review for COVID-19 with respect to health economics and value assessment (All)	↔		
• Study design and Modeling (Each Gr.)	↔		
• Data collection and Pilot analysis (Each Gr.)	↔		
• Full-scale analysis (Each Gr.) and Appraisal (All)		↔	
• Consolidation and Recommendations (All)			↔
• Dissemination of information on the results(All)	↔	↔	↔
• Symposium on the results intermediate in green and final in blue arrow (Selected team members)	↔	↔	↔

