

## **Commissioner of HIRA International Group, Mr. Jongsu Ryu delivers his Keynote speech at the APEC Conference in Taiwan**

Commissioner Ryu, Jong-su, Korea Health Insurance Review & Assessment Service (HIRA) delivered 1st Plenary's Keynote speech on "The Global Trends of Utilizing Digital Infrastructure and New Data Technologies: Korea's Lessons and Knowledge Transfer Experience to LMICs" at Asia-Pacific Economic Cooperation's Conference on August 8-9th, 2019 in Chinese Taipei. Commissioner Ryu recommended countries to set up a clear and pragmatic guiding principles and objectives on "what data should be collected", "how these data will be utilized", "who has ownership of these original data and analyzed outcomes" and "what mechanism are employed to collect and store and analyze data".

Commissioner Ryu, Jong-su emphasized the nationwide digitalized data collection infrastructure must be designed to produce "Evidence-Based Measurable Data" so that the data will be trusted by the core stakeholders of national healthcare universe: Patients, Policy-makers, Providers, Payer (4P). He also introduced that how Korea has been benefited by collecting and analyzing data by using the state of art ITC Technologies. For example, HIRA's Nationwide Drug Utilization Review System(DUR) in conjunction with HIRA's Quality Assessment Program has induced Korean physicians' antibiotic drug prescription tendency for treating common cold symptom: Reduce # of antibiotic drug prescription 35.3% from 2008 to 2016 which caused to improve patient's safety and save over USD 200M during 8 years.

He illustrated how laws and regulatory framework must be built and these rules have to be guiding principles to build ICT infrastructure. In addition, And, his rich knowledge on national healthcare capacity building and ICT based National Health Insurance management gained by conducting consultations over 20 countries annually offered a splendid learning opportunity to the national healthcare experts.

It was very clear through Commissioner Ryu's presentation that the following common challenges will cause heavy burden on national healthcare and government finance to every countries on the earth: 1) aging population; 2) increasing NCD patients; 3) high technologies based medical equipment, materials and drugs; 4) rapid climate changes and pollution; 5) waste and inefficiency of current medical service delivery dynamics.

To effectively work with these emerging challenges Commissioner Ryu, Jong-su urges that nations must establish ICT based national healthcare expenditure and quality monitoring system that produces evidence based measurable data which will be utilized to maintain appropriate health care expenditure and up-leveling national healthcare quality. Also, he emphasized practice of prudent knowledge sharing practice among nations so that LMICs